

## HMFx (F300+ATEX)



LONG CASE AXIAL FAN 300°C/2h ATEX

MANUFACTURING FEATURES:

- Long case axial fan with reinforced body.
- Modular motor-impeller assembly. Cast aluminium impeller with variable pitch angle. Polyester powder finishing coat.
- Housing with motor access door.
- Standard asynchronous squirrel-cage motor with IP-55 protection and Class H insulation certified 300°C/2h and ATEX Zone 2: fan: Ex h IIB T3 Gc and motor: Ex ec IIC T3 Gc. Manufactured with standard voltages: 400V(Y) 50Hz in three phase motors up to 3kW and 400V 50Hz for higher powers and 2 speed motors. IE3 efficiency motor from 0,75kW up to 45kW in single speed

APPLICATIONS:

Designed for inline installation, they are suitable for:

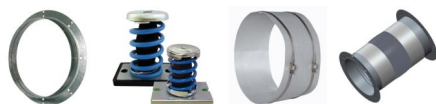
- Smoke emergency exhaust with motor inside the hazardous area and high pressures needed.
- Maximum working temperature: 60°C.

UNDER REQUEST:

- Supply impeller (air direction from impeller to motor)
- 100% reversible impeller.

Official homologation by the European laboratory APPLUS according to EN 12101-3:2015  
Certification Nr: 0370-CPR-2400

## Accessories



**AC AVS BA-400 BAD**



**INT INT 400 INT ATEX JE 45**



**KIT TE KIT TM PO RP**



**SFC SIL-C / SIL-CN**

## Technical data

### Three-phase motor / 4 poles

| Code | Model                   | Angle     | Min.<br>Rated<br>power<br>kW | Max.<br>Rated<br>power<br>kW | Max.<br>Airflow<br>m³/h | Sound<br>db (A)** | Weight<br>kg | Connect.<br>diagram |
|------|-------------------------|-----------|------------------------------|------------------------------|-------------------------|-------------------|--------------|---------------------|
|      | HMFx 45 T4 (A2:6) F300  | 20° - 45° | 0,55                         | 0,75                         | 6.640                   | 52                | 18           | 1                   |
|      | HMFx 45 T4 (A2:9) F300  | 20° - 45° | 0,55                         | 0,75                         | 7.000                   | 52                | 19           | 1                   |
|      | HMFx 50 T4 (A2:6) F300  | 20° - 45° | 0,55                         | 1,10                         | 9.460                   | 55                | 26           | 1                   |
|      | HMFx 50 T4 (A2:9) F300  | 20° - 45° | 0,55                         | 1,10                         | 10.110                  | 56                | 27           | 1                   |
|      | HMFx 56 T4 (A2:6) F300  | 20° - 45° | 0,55                         | 2,20                         | 13.100                  | 58                | 33           | 1                   |
|      | HMFx 56 T4 (A2:9) F300  | 20° - 45° | 0,55                         | 2,20                         | 13.810                  | 58                | 34           | 1                   |
|      | HMFx 63 T4 (A2:6) F300  | 20° - 45° | 0,55                         | 3,00                         | 19.010                  | 60                | 36           | 1                   |
|      | HMFx 63 T4 (A2:9) F300  | 20° - 45° | 0,55                         | 3,00                         | 20.610                  | 61                | 37           | 1                   |
|      | HMFx 71 T4 (A2:6) F300  | 20° - 45° | 0,75                         | 4,00                         | 26.410                  | 63                | 42           | 1                   |
|      | HMFx 71 T4 (A2:9) F300  | 20° - 45° | 0,75                         | 4,00                         | 28.710                  | 66                | 43           | 1                   |
|      | HMFx 80 T4 (A2:6) F300  | 20° - 45° | 1,10                         | 7,50                         | 37.010                  | 65                | 51           | 1                   |
|      | HMFx 80 T4 (A2:9) F300  | 20° - 45° | 1,10                         | 7,50                         | 39.610                  | 72                | 52           | 1                   |
|      | HMFx 90 T4 (A6:3) F300  | 20° - 42° | 3,00                         | 15,00                        | 48.350                  | 72                | 108          | 1                   |
|      | HMFx 90 T4 (A6:6) F300  | 20° - 42° | 3,00                         | 15,00                        | 55.210                  | 73                | 113          | 1                   |
|      | HMFx 100 T4 (A6:3) F300 | 20° - 42° | 5,50                         | 22,00                        | 65.950                  | 75                | 135          | 1                   |
|      | HMFx 100 T4 (A6:6) F300 | 20° - 42° | 5,50                         | 22,00                        | 77.010                  | 77                | 141          | 1                   |
|      | HMFx 112 T4 (A6:3) F300 | 20° - 42° | 5,50                         | 37,00                        | 86.990                  | 78                | 172          | 1                   |
|      | HMFx 112 T4 (A6:6) F300 | 20° - 42° | 5,50                         | 37,00                        | 103.010                 | 79                | 178          | 1                   |
|      | HMFx 125 T4 (A6:3) F300 | 20° - 42° | 7,50                         | 45,00                        | 120.810                 | 80                | 192          | 1                   |
|      | HMFx 125 T4 (A6:6) F300 | 20° - 42° | 7,50                         | 45,00                        | 139.010                 | 84                | 199          | 1                   |

### Three-phase motor / 6 poles

| Code | Model                  | Angle     | Min.<br>Rated<br>power<br>kW | Max.<br>Rated<br>power<br>kW | Max.<br>Airflow<br>m³/h | Sound<br>db (A)** | Weight<br>kg | Connect.<br>diagram |
|------|------------------------|-----------|------------------------------|------------------------------|-------------------------|-------------------|--------------|---------------------|
|      | HMFx 45 T6 (A2:6) F300 | 20° - 45° | 0,55                         | 0,55                         | 4.310                   | 42                | 18           | 1                   |
|      | HMFx 45 T6 (A2:9) F300 | 20° - 45° | 0,55                         | 0,55                         | 4.540                   | 55                | 19           | 1                   |
|      | HMFx 50 T6 (A2:6) F300 | 20° - 45° | 0,55                         | 0,55                         | 6.130                   | 46                | 26           | 1                   |
|      | HMFx 50 T6 (A2:9) F300 | 20° - 45° | 0,55                         | 0,55                         | 6.550                   | 57                | 27           | 1                   |
|      | HMFx 56 T6 (A2:6) F300 | 20° - 45° | 0,55                         | 0,55                         | 8.470                   | 48                | 33           | 1                   |
|      | HMFx 56 T6 (A2:9) F300 | 20° - 45° | 0,55                         | 0,55                         | 8.970                   | 59                | 34           | 1                   |
|      | HMFx 63 T6 (A2:6) F300 | 20° - 45° | 0,55                         | 0,75                         | 12.310                  | 51                | 36           | 1                   |
|      | HMFx 63 T6 (A2:9) F300 | 20° - 45° | 0,55                         | 0,75                         | 13.310                  | 61                | 37           | 1                   |
|      | HMFx 71 T6 (A2:6) F300 | 20° - 45° | 0,55                         | 1,10                         | 17.110                  | 54                | 42           | 1                   |

| Code | Model                   | Angle     | Min. Rated power kW | Max. Rated power kW | Max. Airflow m³/h | Sound db (A)** | Weight kg | Connect. diagram |
|------|-------------------------|-----------|---------------------|---------------------|-------------------|----------------|-----------|------------------|
|      | HMFx 71 T6 (A2:9) F300  | 20° - 45° | 0,55                | 1,10                | 18.610            | 63             | 43        | 1                |
|      | HMFx 80 T6 (A2:6) F300  | 20° - 45° | 0,75                | 2,20                | 24.010            | 55             | 51        | 1                |
|      | HMFx 80 T6 (A2:9) F300  | 20° - 45° | 0,75                | 2,20                | 25.710            | 73             | 52        | 1                |
|      | HMFx 90 T6 (A6:3) F300  | 20° - 42° | 1,50                | 4,00                | 31.310            | 62             | 108       | 1                |
|      | HMFx 90 T6 (A6:6) F300  | 20° - 42° | 1,50                | 4,00                | 35.810            | 73             | 113       | 1                |
|      | HMFx 100 T6 (A6:3) F300 | 20° - 42° | 3,00                | 7,50                | 42.660            | 65             | 135       | 1                |
|      | HMFx 100 T6 (A6:6) F300 | 20° - 42° | 3,00                | 7,50                | 49.910            | 75             | 141       | 1                |
|      | HMFx 112 T6 (A6:3) F300 | 20° - 42° | 3,00                | 11,00               | 56.390            | 69             | 172       | 1                |
|      | HMFx 112 T6 (A6:6) F300 | 20° - 42° | 3,00                | 11,00               | 66.810            | 79             | 178       | 1                |
|      | HMFx 125 T6 (A6:3) F300 | 20° - 42° | 3,00                | 15,00               | 77.970            | 70             | 192       | 1                |
|      | HMFx 125 T6 (A6:6) F300 | 20° - 42° | 3,00                | 15,00               | 89.910            | 75             | 199       | 1                |

## 2 speed motor / 4/6 poles

| Code | Model                      | Angle     | Min. Rated power kW | Max. Rated power kW | Max. Airflow w m³/h | Sound db (A)** | Weight kg | Connect. diagram |
|------|----------------------------|-----------|---------------------|---------------------|---------------------|----------------|-----------|------------------|
|      | HMFx 50 T4/T6 (A2:6) F300  | 20° - 45° | 0,55                | 1,10                | 9.460               | 55             | 26        | 2                |
|      | HMFx 50 T4/T6 (A2:9) F300  | 20° - 45° | 0,55                | 1,10                | 10.110              | 57             | 27        | 2                |
|      | HMFx 56 T4/T6 (A2:6) F300  | 20° - 45° | 0,55                | 2,20                | 13.100              | 58             | 33        | 2                |
|      | HMFx 56 T4/T6 (A2:9) F300  | 20° - 45° | 0,55                | 2,20                | 13.810              | 59             | 34        | 2                |
|      | HMFx 63 T4/T6 (A2:6) F300  | 20° - 45° | 0,55                | 2,20                | 19.010              | 60             | 36        | 2                |
|      | HMFx 63 T4/T6 (A2:9) F300  | 20° - 45° | 0,55                | 2,20                | 20.610              | 61             | 37        | 2                |
|      | HMFx 71 T4/T6 (A2:6) F300  | 20° - 45° | 0,75                | 3,00                | 26.410              | 63             | 42        | 2                |
|      | HMFx 71 T4/T6 (A2:9) F300  | 20° - 45° | 0,75                | 3,00                | 28.710              | 66             | 43        | 2                |
|      | HMFx 80 T4/T6 (A2:6) F300  | 20° - 45° | 1,10                | 7,50                | 37.010              | 65             | 51        | 2                |
|      | HMFx 80 T4/T6 (A2:9) F300  | 20° - 45° | 1,10                | 7,50                | 39.610              | 73             | 52        | 2                |
|      | HMFx 90 T4/T6 (A6:3) F300  | 20° - 42° | 2,20                | 16,00               | 48.350              | 72             | 108       | 2                |
|      | HMFx 90 T4/T6 (A6:6) F300  | 20° - 34° | 2,20                | 16,00               | 46.410              | 73             | 113       | 2                |
|      | HMFx 100 T4/T6 (A6:3) F300 | 20° - 34° | 5,50                | 20,00               | 58.310              | 75             | 135       | 2                |
|      | HMFx 100 T4/T6 (A6:6) F300 | 20° - 42° | 5,50                | 20,00               | 77.010              | 77             | 141       | 2                |
|      | HMFx 112 T4/T6 (A6:3) F300 | 20° - 42° | 5,50                | 34,00               | 86.990              | 78             | 172       | 2                |
|      | HMFx 112 T4/T6 (A6:6) F300 | 20° - 36° | 5,50                | 34,00               | 88.910              | 79             | 178       | 2                |
|      | HMFx 125 T4/T6 (A6:3) F300 | 20° - 36° | 7,50                | 40,00               | 108.010             | 80             | 192       | 2                |
|      | HMFx 125 T4/T6 (A6:6) F300 | 20° - 30° | 7,50                | 40,00               | 101.010             | 83             | 199       | 2                |

## 2 speed motor / 4/8 poles

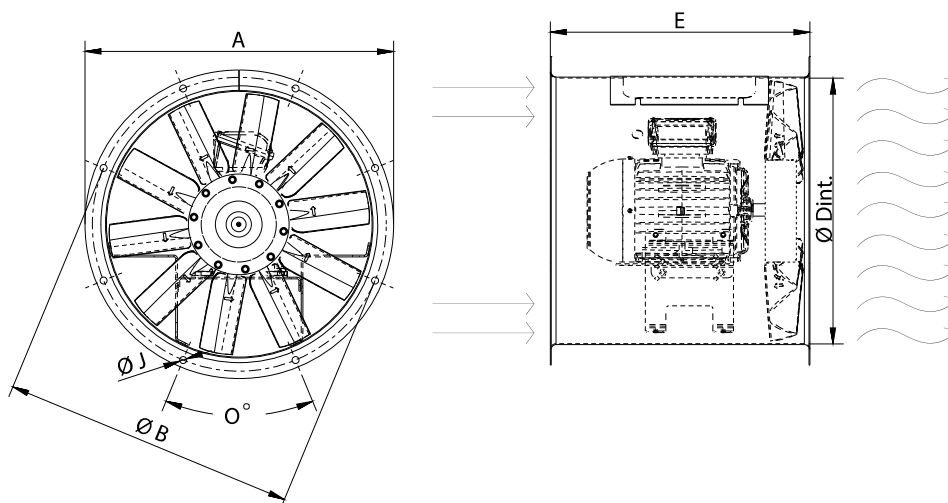
| Code | Model                      | Angle     | Min.<br>Rated<br>power<br>kW | Max.<br>Rated<br>power<br>kW | Max.<br>Airflow<br>m³/h | Sound<br>db<br>(A)** | Weight<br>kg | Connect.<br>diagram |
|------|----------------------------|-----------|------------------------------|------------------------------|-------------------------|----------------------|--------------|---------------------|
|      | HMFx 45 T4/T8 (A2:6) F300  | 20° - 45° | 0,60                         | 0,80                         | 6.640                   | 52                   | 18           | 3                   |
|      | HMFx 45 T4/T8 (A2:9) F300  | 20° - 45° | 0,60                         | 0,80                         | 7.000                   | 55                   | 19           | 3                   |
|      | HMFx 50 T4/T8 (A2:6) F300  | 20° - 45° | 0,60                         | 1,20                         | 9.460                   | 55                   | 26           | 3                   |
|      | HMFx 50 T4/T8 (A2:9) F300  | 20° - 45° | 0,60                         | 1,20                         | 10.110                  | 57                   | 27           | 3                   |
|      | HMFx 56 T4/T8 (A2:6) F300  | 20° - 45° | 0,60                         | 2,80                         | 13.100                  | 58                   | 33           | 3                   |
|      | HMFx 56 T4/T8 (A2:9) F300  | 20° - 45° | 0,60                         | 2,80                         | 13.810                  | 59                   | 34           | 3                   |
|      | HMFx 63 T4/T8 (A2:6) F300  | 20° - 45° | 0,60                         | 2,80                         | 19.010                  | 60                   | 36           | 3                   |
|      | HMFx 63 T4/T8 (A2:9) F300  | 20° - 45° | 0,60                         | 2,80                         | 20.610                  | 61                   | 37           | 3                   |
|      | HMFx 71 T4/T8 (A2:6) F300  | 20° - 45° | 0,80                         | 3,80                         | 26.410                  | 63                   | 42           | 3                   |
|      | HMFx 71 T4/T8 (A2:9) F300  | 20° - 45° | 0,80                         | 3,80                         | 28.710                  | 66                   | 43           | 3                   |
|      | HMFx 80 T4/T8 (A2:6) F300  | 20° - 45° | 1,20                         | 7,50                         | 37.010                  | 65                   | 51           | 3                   |
|      | HMFx 80 T4/T8 (A2:9) F300  | 20° - 45° | 1,20                         | 7,50                         | 39.610                  | 73                   | 52           | 3                   |
|      | HMFx 90 T4/T8 (A6:3) F300  | 20° - 42° | 2,20                         | 17,00                        | 48.350                  | 72                   | 108          | 3                   |
|      | HMFx 90 T4/T8 (A6:6) F300  | 20° - 42° | 2,20                         | 17,00                        | 55.210                  | 73                   | 113          | 3                   |
|      | HMFx 100 T4/T8 (A6:3) F300 | 20° - 42° | 5,00                         | 20,00                        | 65.950                  | 75                   | 135          | 3                   |
|      | HMFx 100 T4/T8 (A6:6) F300 | 20° - 42° | 5,00                         | 20,00                        | 77.010                  | 77                   | 141          | 3                   |
|      | HMFx 112 T4/T8 (A6:3) F300 | 20° - 42° | 5,00                         | 37,00                        | 86.990                  | 78                   | 172          | 3                   |
|      | HMFx 112 T4/T8 (A6:6) F300 | 20° - 42° | 5,00                         | 37,00                        | 103.010                 | 79                   | 178          | 3                   |
|      | HMFx 125 T4/T8 (A6:3) F300 | 20° - 42° | 7,50                         | 44,00                        | 120.810                 | 80                   | 192          | 3                   |
|      | HMFx 125 T4/T8 (A6:6) F300 | 20° - 42° | 7,50                         | 44,00                        | 139.010                 | 84                   | 199          | 3                   |

### Notes:

\* The motor is not included in fan weight

\*\* Total sound pressure level at the point of maximum flow measured in dB(A) in the suction measured in free field at a distance of 6m from the source

## Dimensions



| Model                     | E   | O      | ØA  | ØB  | ØD  | ØJ |
|---------------------------|-----|--------|-----|-----|-----|----|
| HMFx 45 T4 (A2:6) F300    | 455 | 8X45°  | 525 | 500 | 452 | 12 |
| HMFx 45 T4 (A2:9) F300    | 455 | 8X45°  | 525 | 500 | 452 | 12 |
| HMFx 45 T6 (A2:6) F300    | 455 | 8X45°  | 525 | 500 | 452 | 12 |
| HMFx 45 T6 (A2:9) F300    | 455 | 8X45°  | 525 | 500 | 452 | 12 |
| HMFx 45 T4/T8 (A2:6) F300 | 455 | 8X45°  | 525 | 500 | 452 | 12 |
| HMFx 45 T4/T8 (A2:9) F300 | 455 | 8X45°  | 525 | 500 | 452 | 12 |
| HMFx 50 T4 (A2:6) F300    | 440 | 12x30° | 600 | 560 | 504 | 12 |
| HMFx 50 T4 (A2:9) F300    | 440 | 12x30° | 600 | 560 | 504 | 12 |
| HMFx 50 T6 (A2:6) F300    | 440 | 12x30° | 600 | 560 | 504 | 12 |
| HMFx 50 T6 (A2:9) F300    | 440 | 12x30° | 600 | 560 | 504 | 12 |
| HMFx 50 T4/T6 (A2:6) F300 | 440 | 12x30° | 600 | 560 | 504 | 12 |
| HMFx 50 T4/T6 (A2:9) F300 | 440 | 12x30° | 600 | 560 | 504 | 12 |
| HMFx 50 T4/T8 (A2:6) F300 | 440 | 12x30° | 600 | 560 | 504 | 12 |
| HMFx 50 T4/T8 (A2:9) F300 | 440 | 12x30° | 600 | 560 | 504 | 12 |
| HMFx 56 T4 (A2:6) F300    | 560 | 12X30° | 646 | 620 | 559 | 12 |
| HMFx 56 T4 (A2:9) F300    | 560 | 12X30° | 646 | 620 | 559 | 12 |
| HMFx 56 T6 (A2:6) F300    | 560 | 12X30° | 646 | 620 | 559 | 12 |
| HMFx 56 T6 (A2:9) F300    | 560 | 12X30° | 646 | 620 | 559 | 12 |
| HMFx 56 T4/T6 (A2:6) F300 | 560 | 12X30° | 646 | 620 | 559 | 12 |
| HMFx 56 T4/T6 (A2:9) F300 | 560 | 12X30° | 646 | 620 | 559 | 12 |
| HMFx 56 T4/T8 (A2:6) F300 | 560 | 12X30° | 646 | 620 | 559 | 12 |
| HMFx 56 T4/T8 (A2:9) F300 | 560 | 12X30° | 646 | 620 | 559 | 12 |
| HMFx 63 T4 (A2:6) F300    | 550 | 12X30° | 725 | 690 | 633 | 12 |
| HMFx 63 T4 (A2:9) F300    | 550 | 12X30° | 725 | 690 | 633 | 12 |
| HMFx 63 T6 (A2:6) F300    | 550 | 12X30° | 725 | 690 | 633 | 12 |

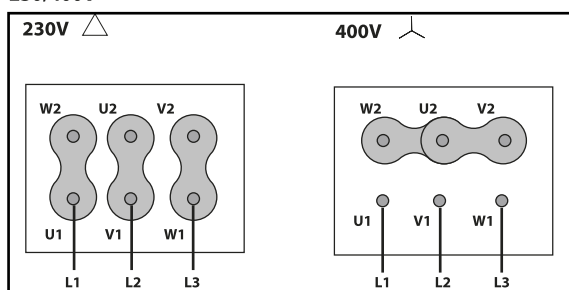
| Model                      | E    | O                    | ØA   | ØB   | ØD    | ØJ |
|----------------------------|------|----------------------|------|------|-------|----|
| HMFx 63 T6 (A2:9) F300     | 550  | 12X30 <sup>º</sup>   | 725  | 690  | 633   | 12 |
| HMFx 63 T4/T6 (A2:6) F300  | 550  | 12X30 <sup>º</sup>   | 725  | 690  | 633   | 12 |
| HMFx 63 T4/T6 (A2:9) F300  | 550  | 12X30 <sup>º</sup>   | 725  | 690  | 633   | 12 |
| HMFx 63 T4/T8 (A2:6) F300  | 550  | 12X30 <sup>º</sup>   | 725  | 690  | 633   | 12 |
| HMFx 63 T4/T8 (A2:9) F300  | 550  | 12X30 <sup>º</sup>   | 725  | 690  | 633   | 12 |
| HMFx 71 T4 (A2:6) F300     | 600  | 16x22,5 <sup>º</sup> | 802  | 770  | 715   | 12 |
| HMFx 71 T4 (A2:9) F300     | 600  | 16x22,5 <sup>º</sup> | 802  | 770  | 715   | 12 |
| HMFx 71 T6 (A2:6) F300     | 600  | 16x22,5 <sup>º</sup> | 802  | 770  | 715   | 12 |
| HMFx 71 T6 (A2:9) F300     | 600  | 16x22,5 <sup>º</sup> | 802  | 770  | 715   | 12 |
| HMFx 71 T4/T6 (A2:6) F300  | 600  | 16x22,5 <sup>º</sup> | 802  | 770  | 715   | 12 |
| HMFx 71 T4/T6 (A2:9) F300  | 600  | 16x22,5 <sup>º</sup> | 802  | 770  | 715   | 12 |
| HMFx 71 T4/T8 (A2:6) F300  | 600  | 16x22,5 <sup>º</sup> | 802  | 770  | 715   | 12 |
| HMFx 71 T4/T8 (A2:9) F300  | 600  | 16x22,5 <sup>º</sup> | 802  | 770  | 715   | 12 |
| HMFx 80 T4 (A2:6) F300     | 600  | 16x22,5 <sup>º</sup> | 892  | 860  | 801   | 12 |
| HMFx 80 T4 (A2:9) F300     | 600  | 16x22,5 <sup>º</sup> | 892  | 860  | 801   | 12 |
| HMFx 80 T6 (A2:6) F300     | 600  | 16x22,5 <sup>º</sup> | 892  | 860  | 801   | 12 |
| HMFx 80 T6 (A2:9) F300     | 600  | 16x22,5 <sup>º</sup> | 892  | 860  | 801   | 12 |
| HMFx 80 T4/T6 (A2:6) F300  | 600  | 16x22,5 <sup>º</sup> | 892  | 860  | 801   | 12 |
| HMFx 80 T4/T6 (A2:9) F300  | 600  | 16x22,5 <sup>º</sup> | 892  | 860  | 801   | 12 |
| HMFx 80 T4/T8 (A2:6) F300  | 600  | 16x22,5 <sup>º</sup> | 892  | 860  | 801   | 12 |
| HMFx 80 T4/T8 (A2:9) F300  | 600  | 16x22,5 <sup>º</sup> | 892  | 860  | 801   | 12 |
| HMFx 90 T4 (A6:3) F300     | 820  | 16x22,5 <sup>º</sup> | 1000 | 970  | 903.5 | 12 |
| HMFx 90 T4 (A6:6) F300     | 820  | 16x22,5 <sup>º</sup> | 1000 | 970  | 903.5 | 12 |
| HMFx 90 T6 (A6:3) F300     | 820  | 16x22,5 <sup>º</sup> | 1000 | 970  | 903.5 | 12 |
| HMFx 90 T6 (A6:6) F300     | 820  | 16x22,5 <sup>º</sup> | 1000 | 970  | 903.5 | 12 |
| HMFx 90 T4/T6 (A6:3) F300  | 820  | 16x22,5 <sup>º</sup> | 1000 | 970  | 903.5 | 12 |
| HMFx 90 T4/T6 (A6:6) F300  | 820  | 16x22,5 <sup>º</sup> | 1000 | 970  | 903.5 | 12 |
| HMFx 90 T4/T8 (A6:3) F300  | 820  | 16x22,5 <sup>º</sup> | 1000 | 970  | 903.5 | 12 |
| HMFx 90 T4/T8 (A6:6) F300  | 820  | 16x22,5 <sup>º</sup> | 1000 | 970  | 903.5 | 12 |
| HMFx 100 T4 (A6:3) F300    | 820  | 16x22,5 <sup>º</sup> | 1115 | 1070 | 1013  | 12 |
| HMFx 100 T4 (A6:6) F300    | 820  | 16x22,5 <sup>º</sup> | 1115 | 1070 | 1013  | 12 |
| HMFx 100 T6 (A6:3) F300    | 820  | 16x22,5 <sup>º</sup> | 1115 | 1070 | 1013  | 12 |
| HMFx 100 T6 (A6:6) F300    | 820  | 16x22,5 <sup>º</sup> | 1115 | 1070 | 1013  | 12 |
| HMFx 100 T4/T6 (A6:3) F300 | 820  | 16x22,5 <sup>º</sup> | 1115 | 1070 | 1013  | 12 |
| HMFx 100 T4/T6 (A6:6) F300 | 820  | 16x22,5 <sup>º</sup> | 1115 | 1070 | 1013  | 12 |
| HMFx 100 T4/T8 (A6:3) F300 | 820  | 16x22,5 <sup>º</sup> | 1115 | 1070 | 1013  | 12 |
| HMFx 100 T4/T8 (A6:6) F300 | 820  | 16x22,5 <sup>º</sup> | 1115 | 1070 | 1013  | 12 |
| HMFx 112 T4 (A6:3) F300    | 1000 | 16x22,5 <sup>º</sup> | 1234 | 1190 | 1132  | 12 |
| HMFx 112 T4 (A6:6) F300    | 1000 | 16x22,5 <sup>º</sup> | 1234 | 1190 | 1132  | 12 |
| HMFx 112 T6 (A6:3) F300    | 1000 | 16x22,5 <sup>º</sup> | 1234 | 1190 | 1132  | 12 |

| Model                      | E    | O        | ØA   | ØB   | ØD   | ØJ |
|----------------------------|------|----------|------|------|------|----|
| HMFx 112 T6 (A6:6) F300    | 1000 | 16x22,5° | 1234 | 1190 | 1132 | 12 |
| HMFx 112 T4/T6 (A6:3) F300 | 1000 | 16x22,5° | 1234 | 1190 | 1132 | 12 |
| HMFx 112 T4/T6 (A6:6) F300 | 1000 | 16x22,5° | 1234 | 1190 | 1132 | 12 |
| HMFx 112 T4/T8 (A6:3) F300 | 1000 | 16x22,5° | 1234 | 1190 | 1132 | 12 |
| HMFx 112 T4/T8 (A6:6) F300 | 1000 | 16x22,5° | 1234 | 1190 | 1132 | 12 |
| HMFx 125 T4 (A6:3) F300    | 1000 | 20x18°   | 1365 | 1320 | 1263 | 15 |
| HMFx 125 T4 (A6:6) F300    | 1000 | 20x18°   | 1365 | 1320 | 1263 | 15 |
| HMFx 125 T6 (A6:3) F300    | 1000 | 20x18°   | 1365 | 1320 | 1263 | 15 |
| HMFx 125 T6 (A6:6) F300    | 1000 | 20x18°   | 1365 | 1320 | 1263 | 15 |
| HMFx 125 T4/T6 (A6:3) F300 | 1000 | 20x18°   | 1365 | 1320 | 1263 | 15 |
| HMFx 125 T4/T6 (A6:6) F300 | 1000 | 20x18°   | 1365 | 1320 | 1263 | 15 |
| HMFx 125 T4/T8 (A6:3) F300 | 1000 | 20x18°   | 1365 | 1320 | 1263 | 15 |
| HMFx 125 T4/T8 (A6:6) F300 | 1000 | 20x18°   | 1365 | 1320 | 1263 | 15 |

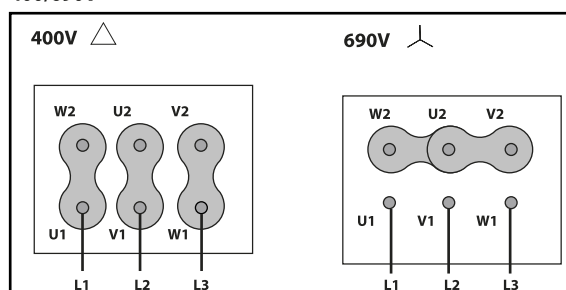
## Wiring diagram

### Wiring diagram N° 1

230/400V

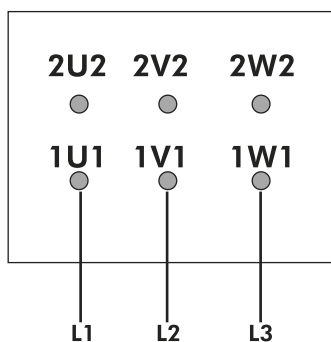


400/690V

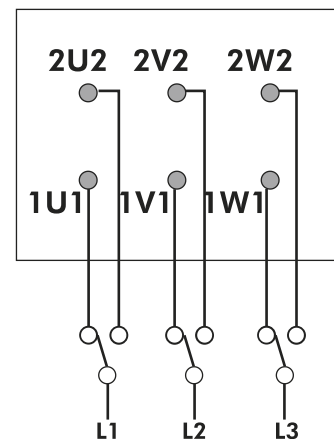
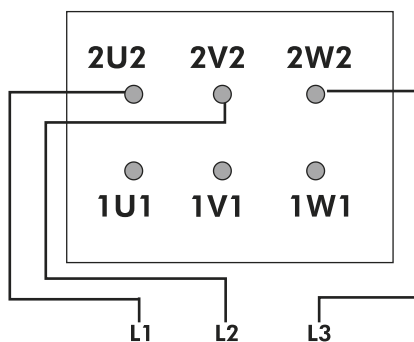


### Wiring diagram N° 2

LOW SPEED  
VELOCIDAD BAJA



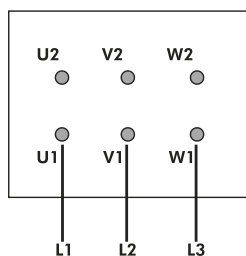
HIGH SPEED  
VELOCIDAD ALTA



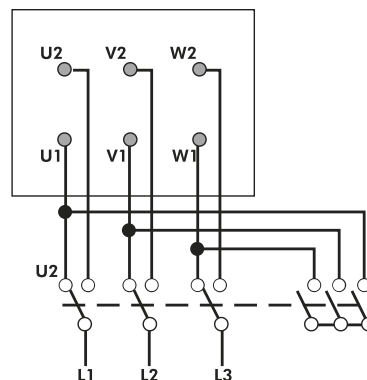
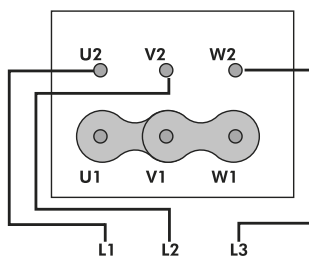
**Wiring diagram Nº 3**

**400V DAHLANDER (Y,YY)**

LOW SPEED  
VELOCIDAD BAJA



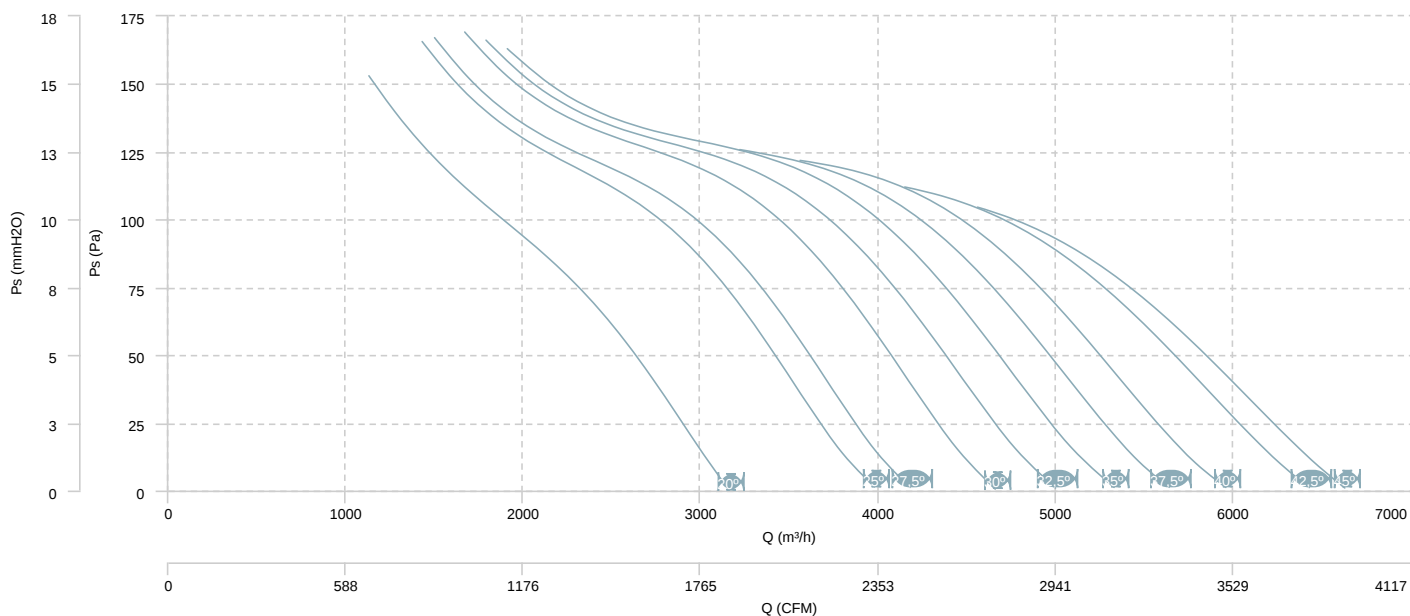
HIGH SPEED  
VELOCIDAD ALTA



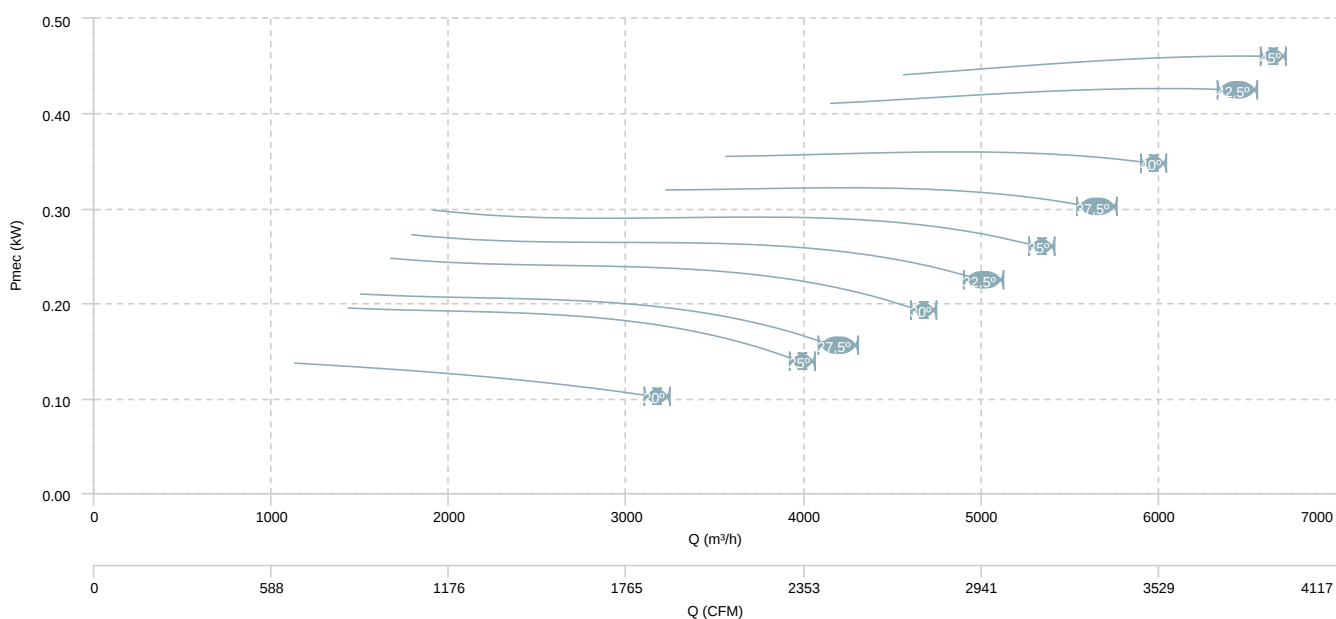
## CHARACTERISCTIC CURVE

HMFx 45 T4 (A2:6) F300

### AIR FLOW - PRESSURE

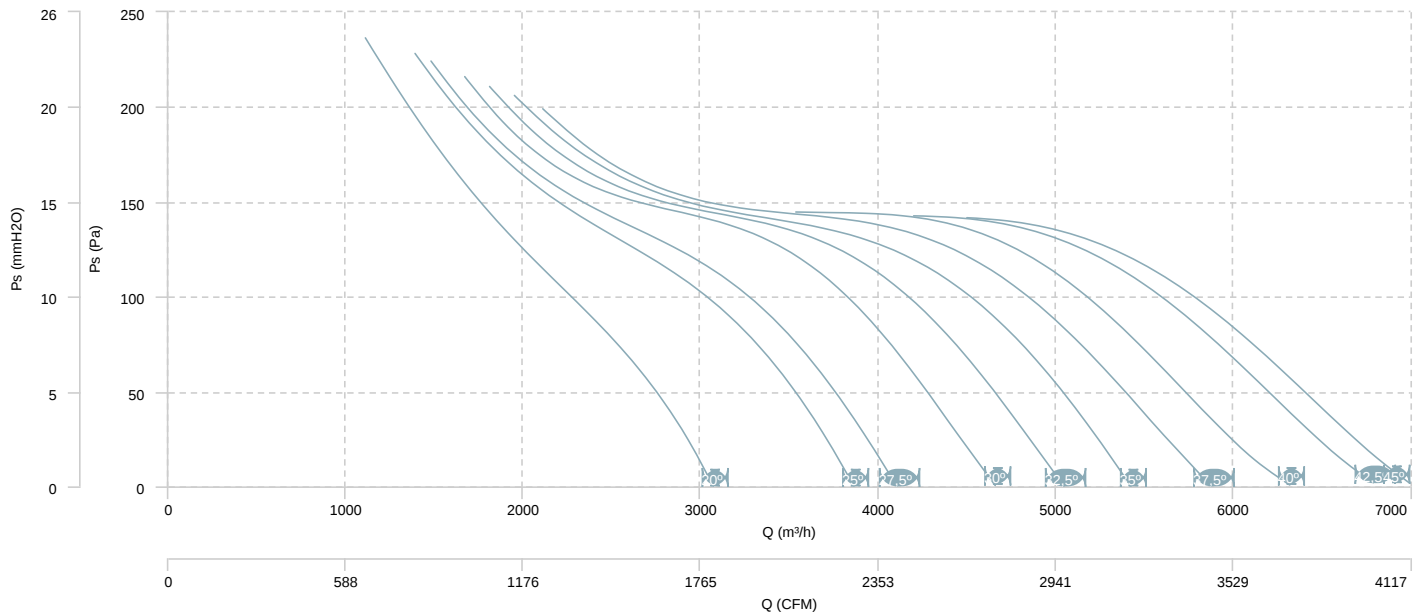


### AIR FLOW - MECHANICAL POWER

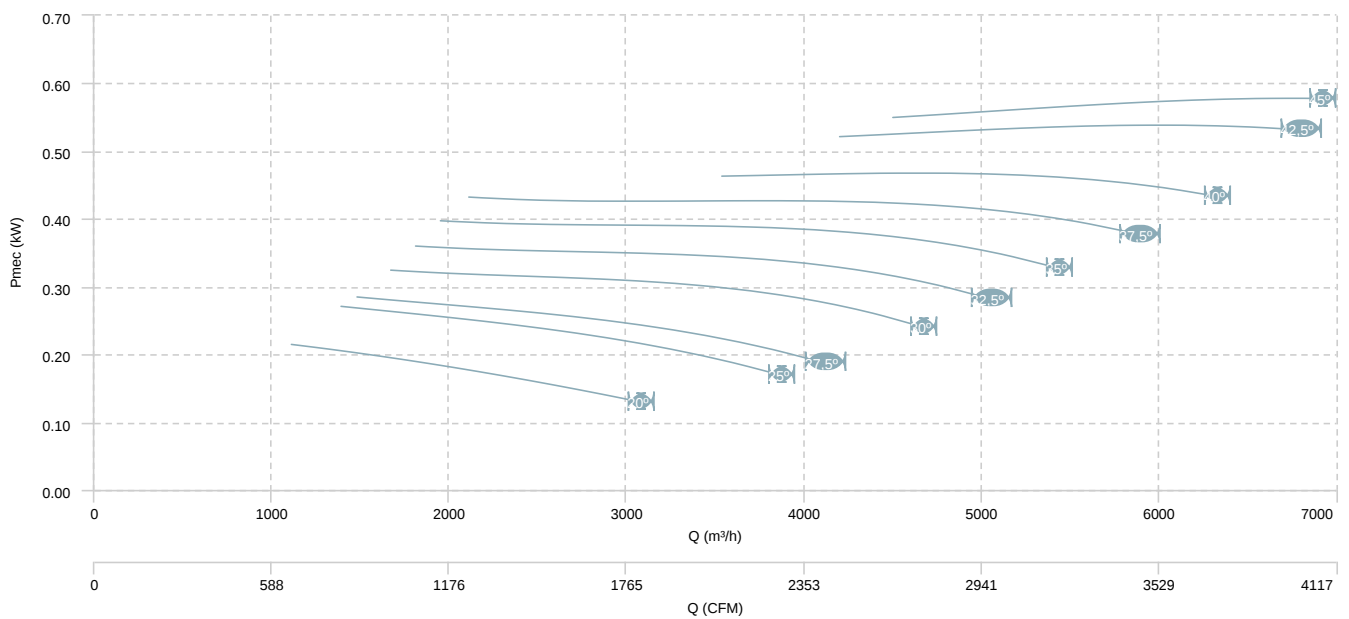


HMXF 45 T4 (A2:9) F300

**AIR FLOW - PRESSURE**

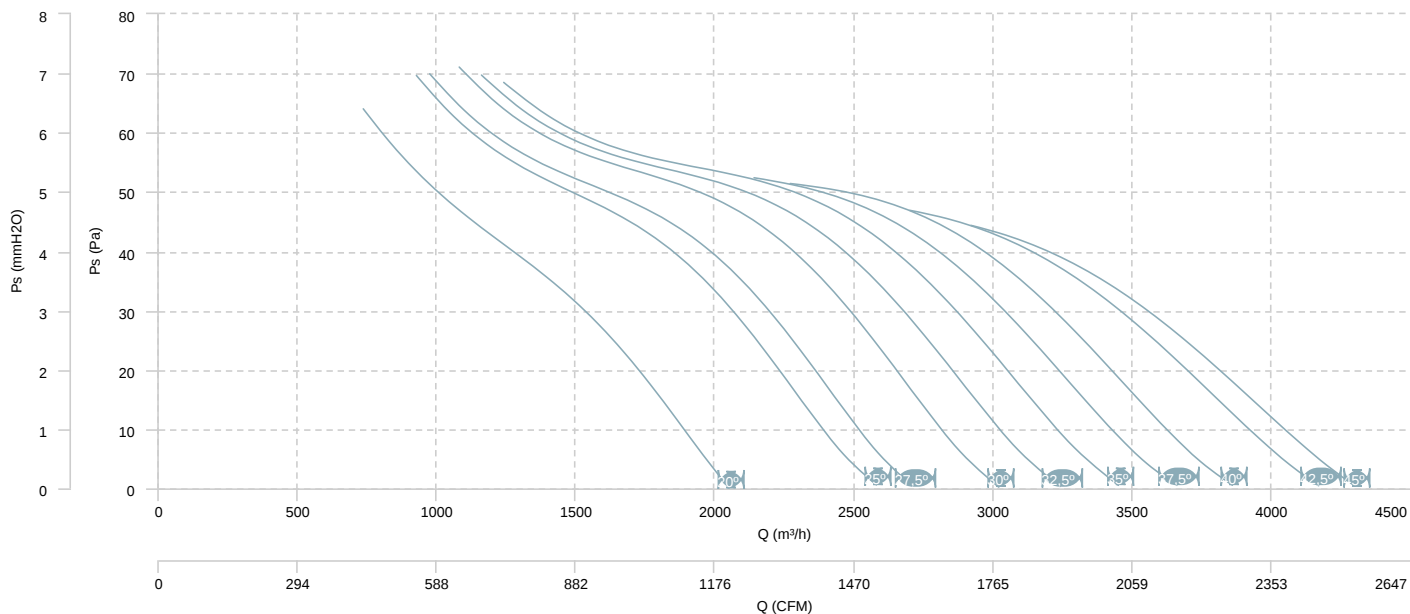


**AIR FLOW - MECHANICAL POWER**

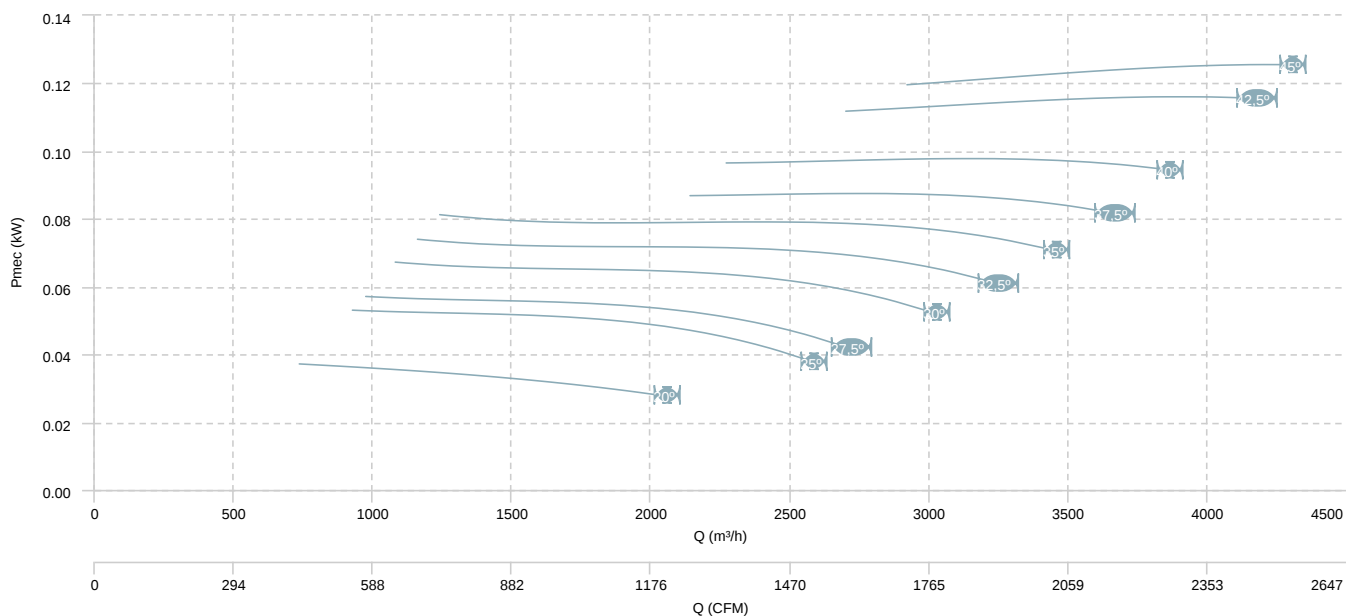


HMFx 45 T6 (A2:6) F300

**AIR FLOW - PRESSURE**

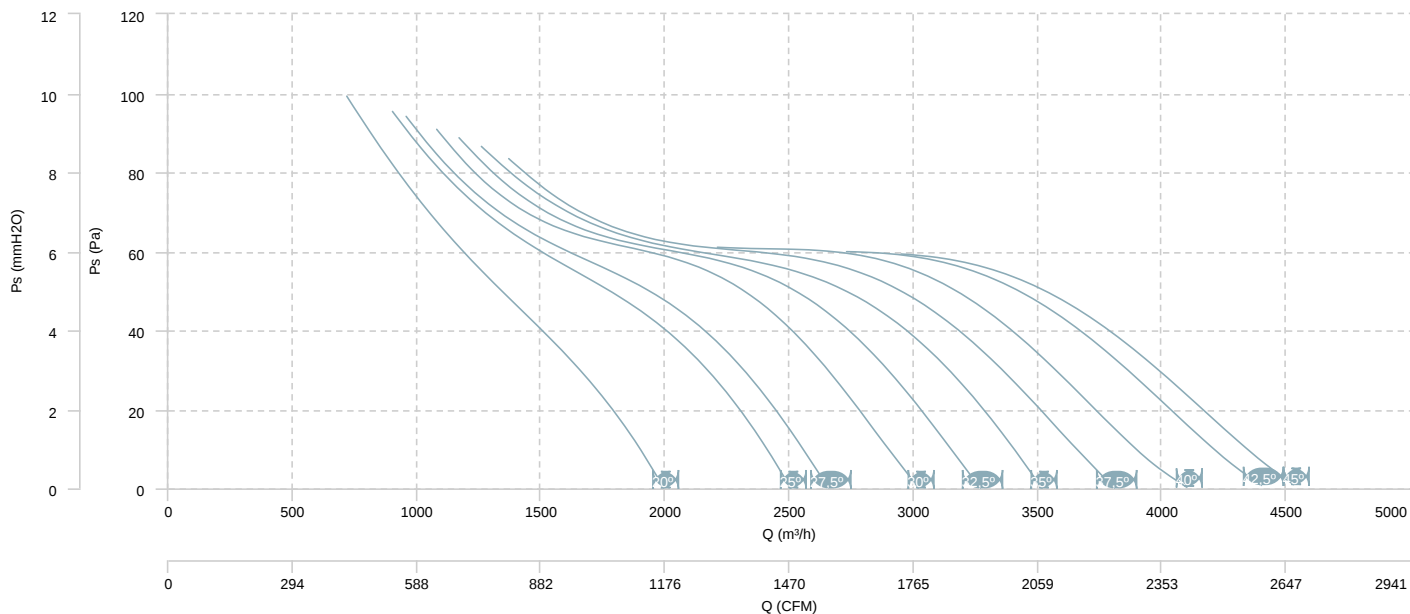


**AIR FLOW - MECHANICAL POWER**

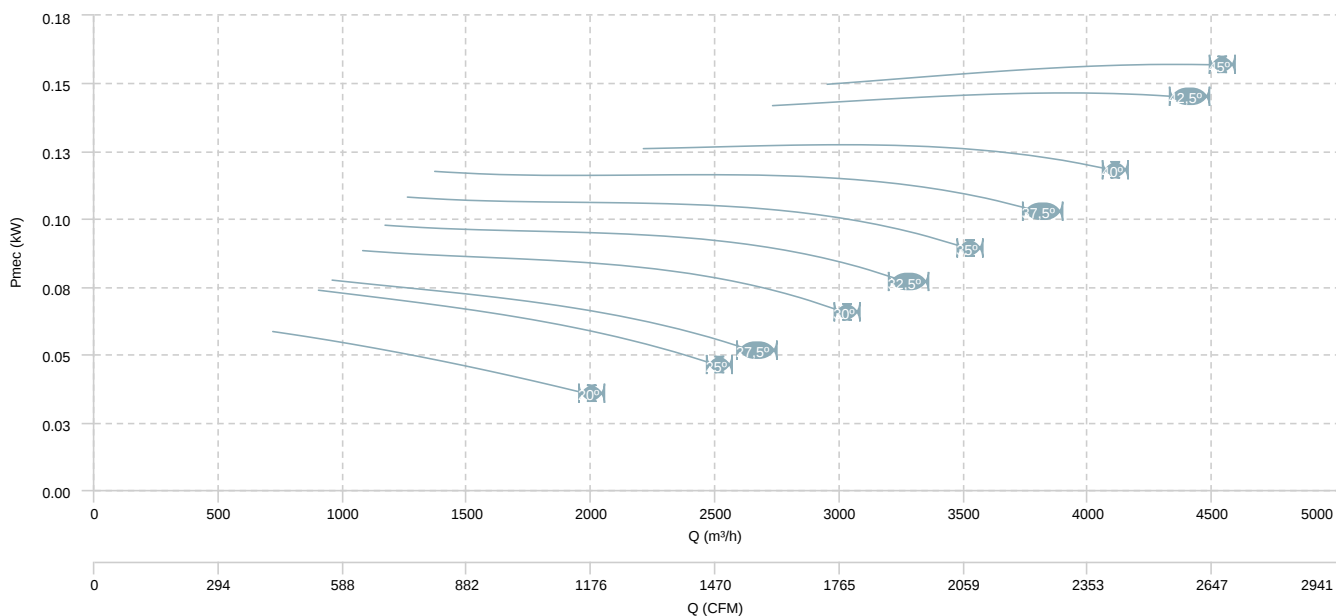


HMXF 45 T6 (A2:9) F300

**AIR FLOW - PRESSURE**

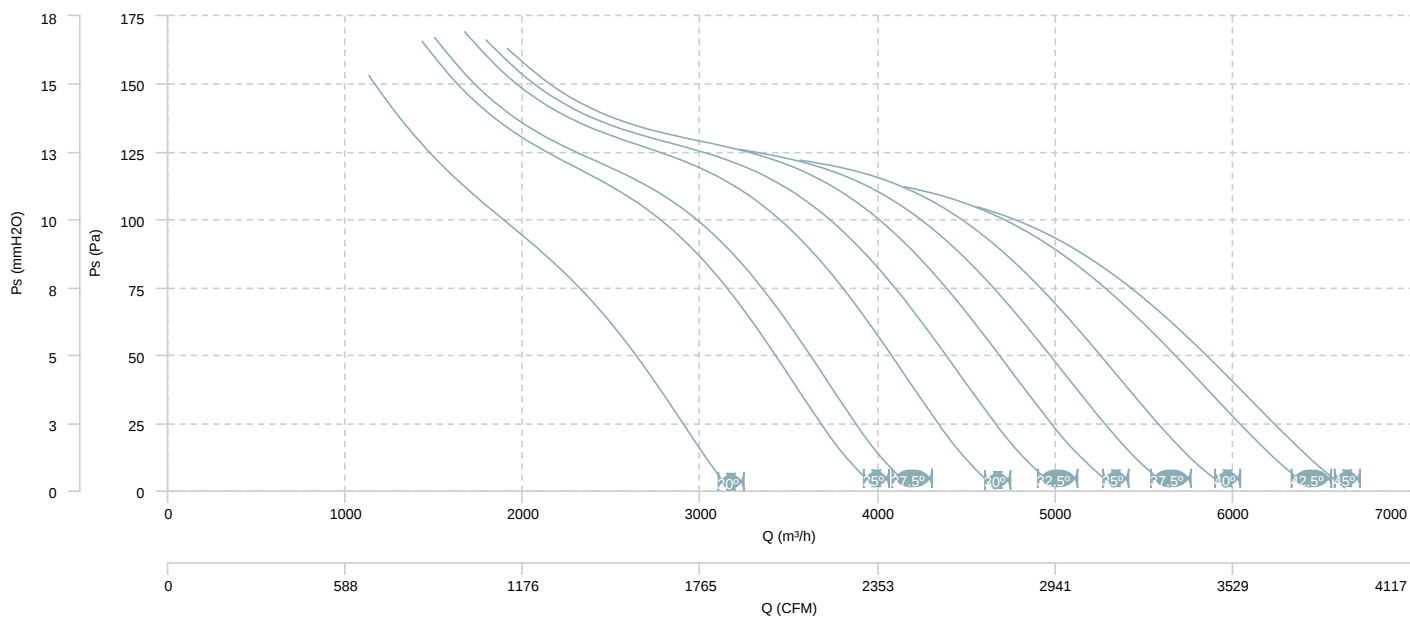


**AIR FLOW - MECHANICAL POWER**

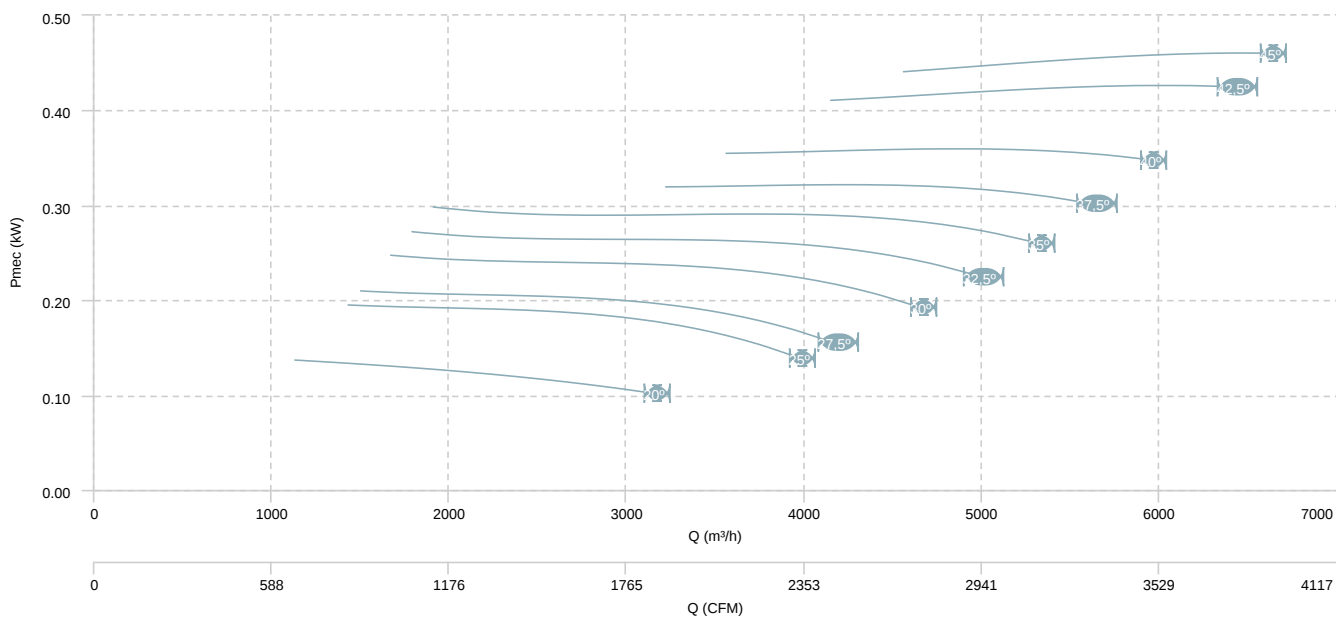


HMXF 45 T4/T8 (A2:6) F300

**AIR FLOW - PRESSURE (4 poles)**

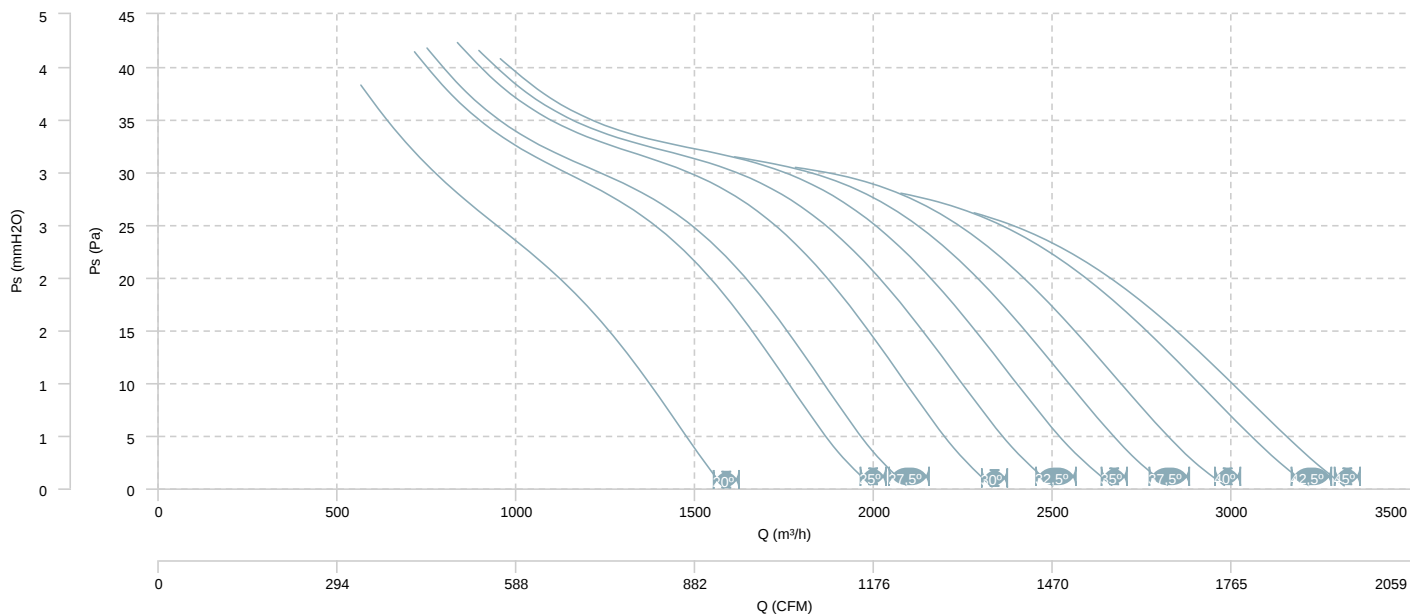


**AIR FLOW - MECHANICAL POWER (4 poles)**

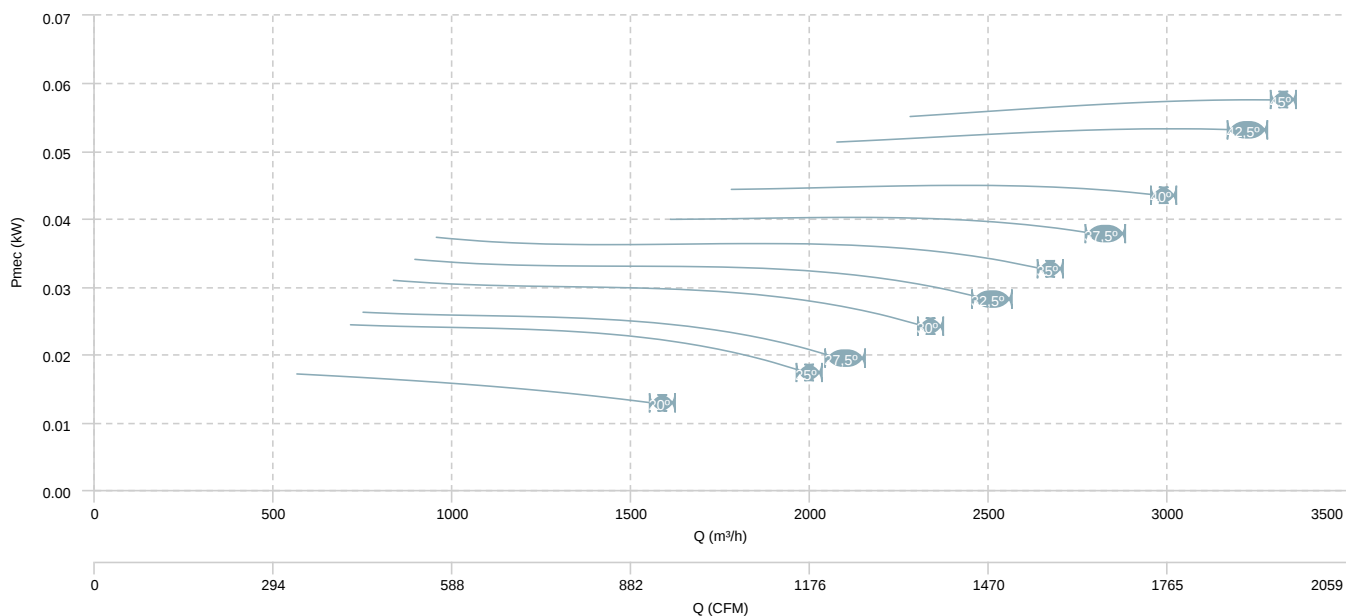


HMXF 45 T4/T8 (A2:6) F300

**AIR FLOW - PRESSURE (8 poles)**

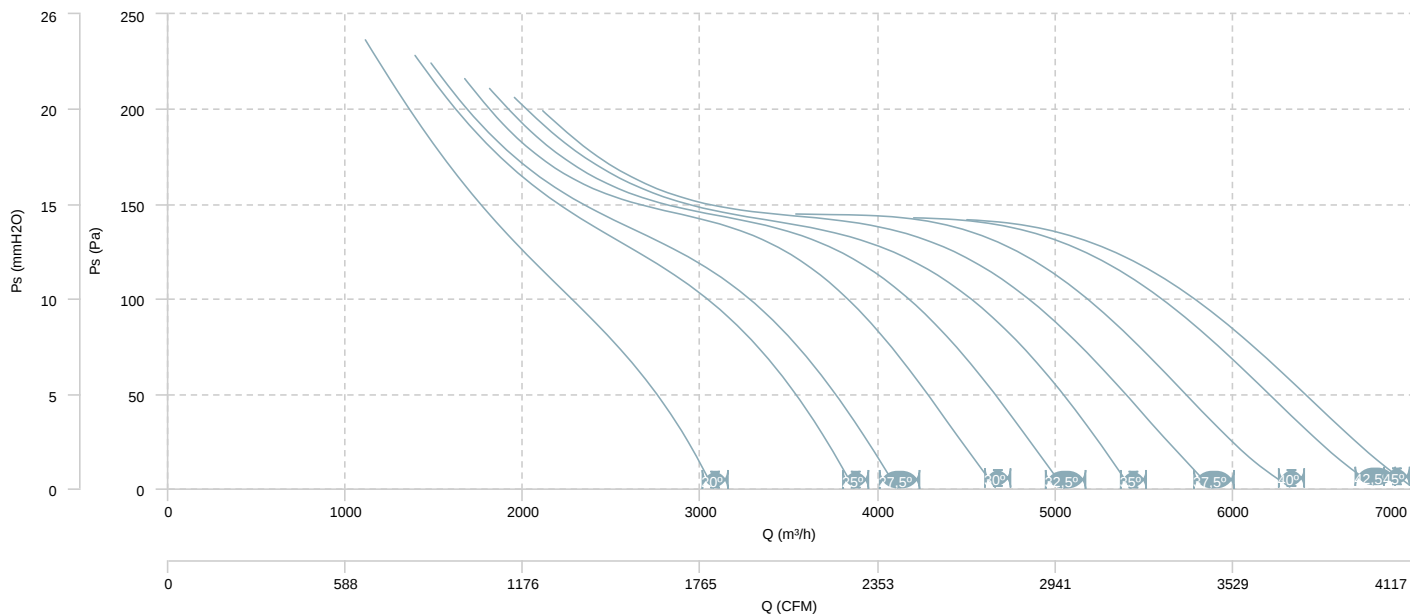


**AIR FLOW - MECHANICAL POWER (8 poles)**

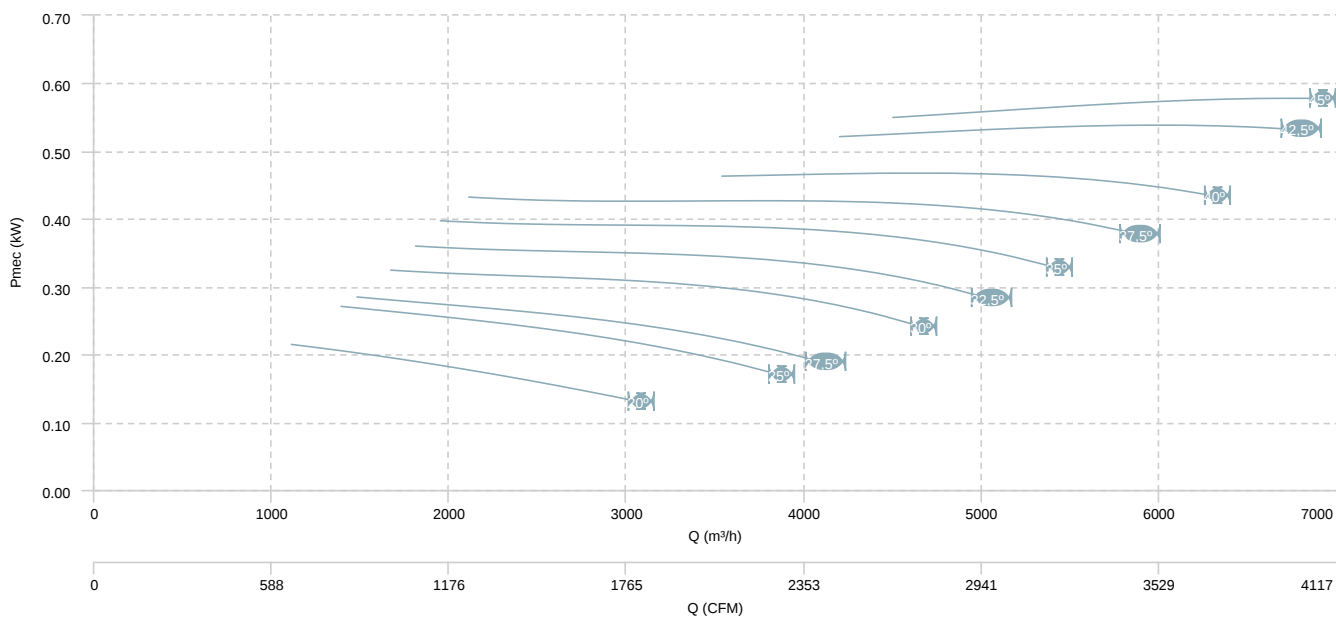


**HMXF 45 T4/T8 (A2:9) F300**

**AIR FLOW - PRESSURE (4 poles)**

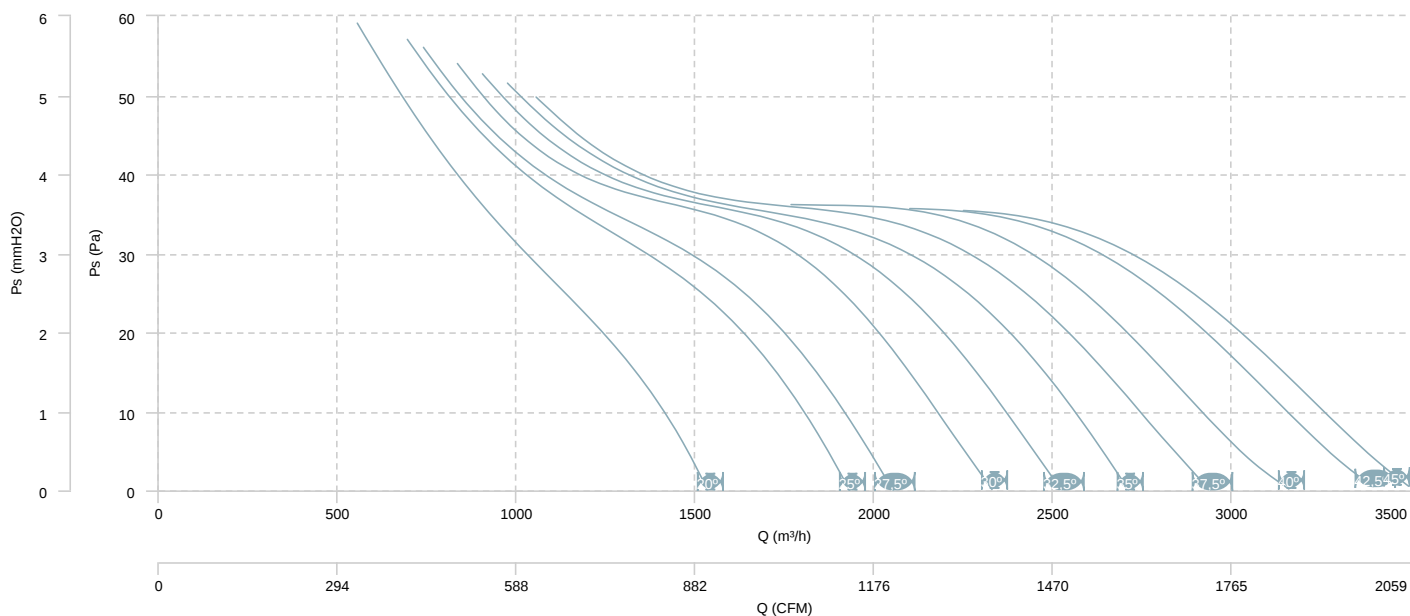


**AIR FLOW - MECHANICAL POWER (4 poles)**

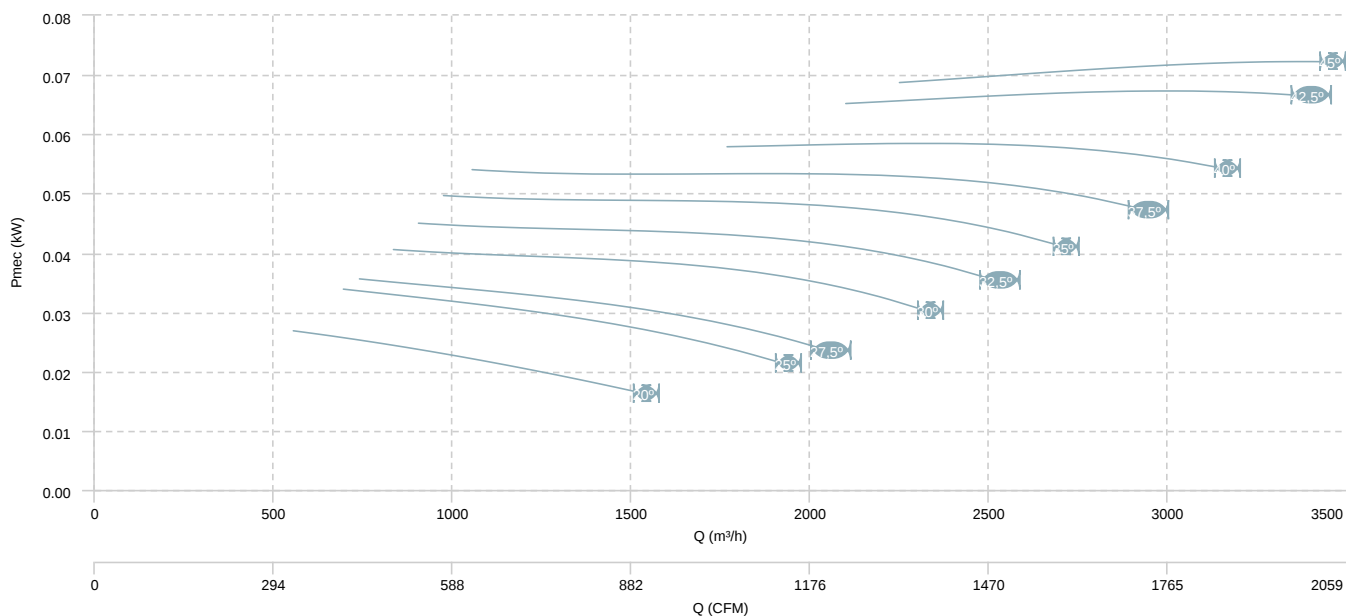


**HMXF 45 T4/T8 (A2:9) F300**

**AIR FLOW - PRESSURE (8 poles)**

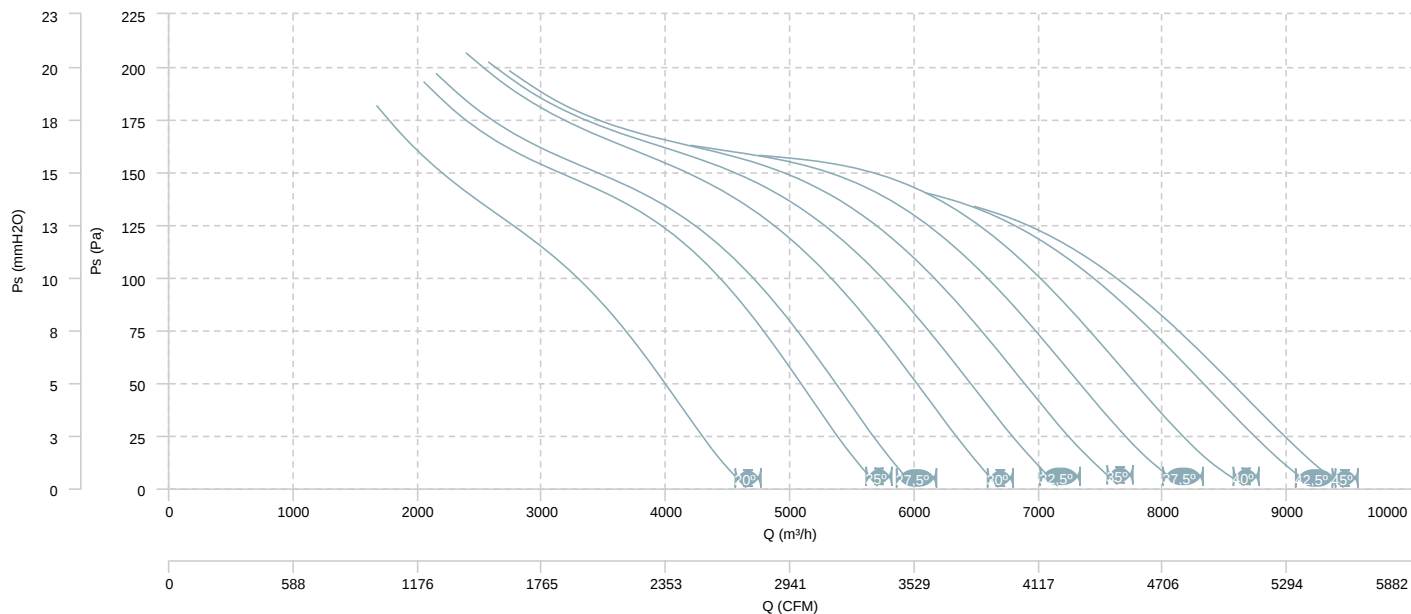


**AIR FLOW - MECHANICAL POWER (8 poles)**

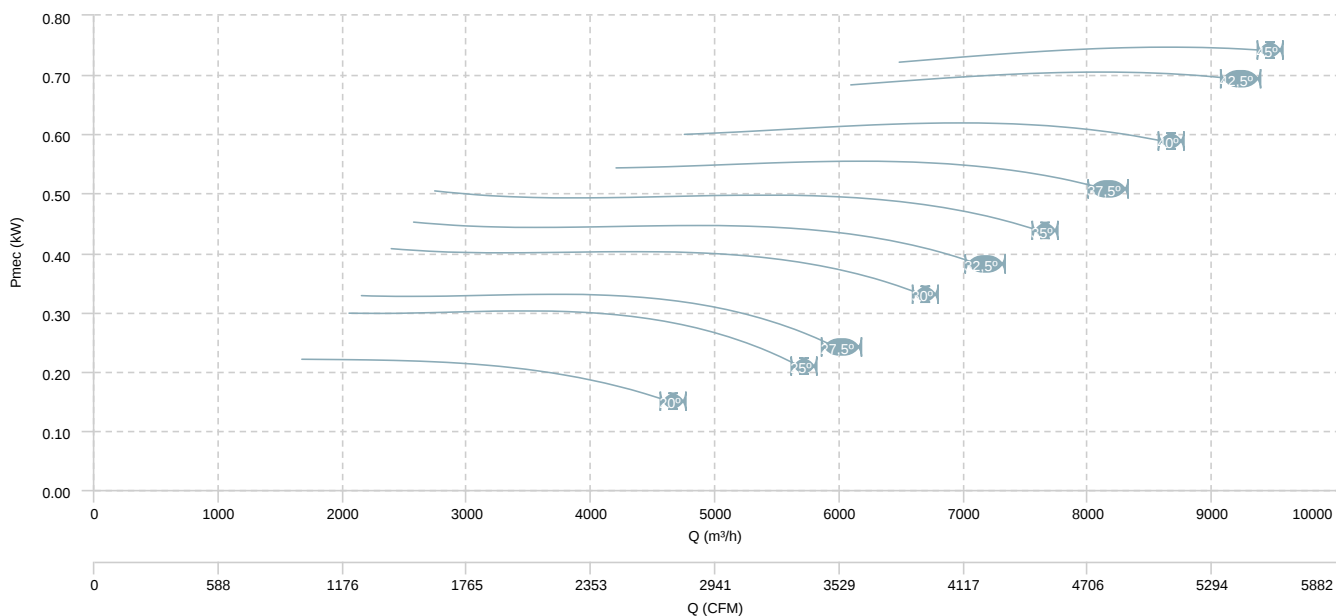


HMFx 50 T4 (A2:6) F300

## AIR FLOW - PRESSURE

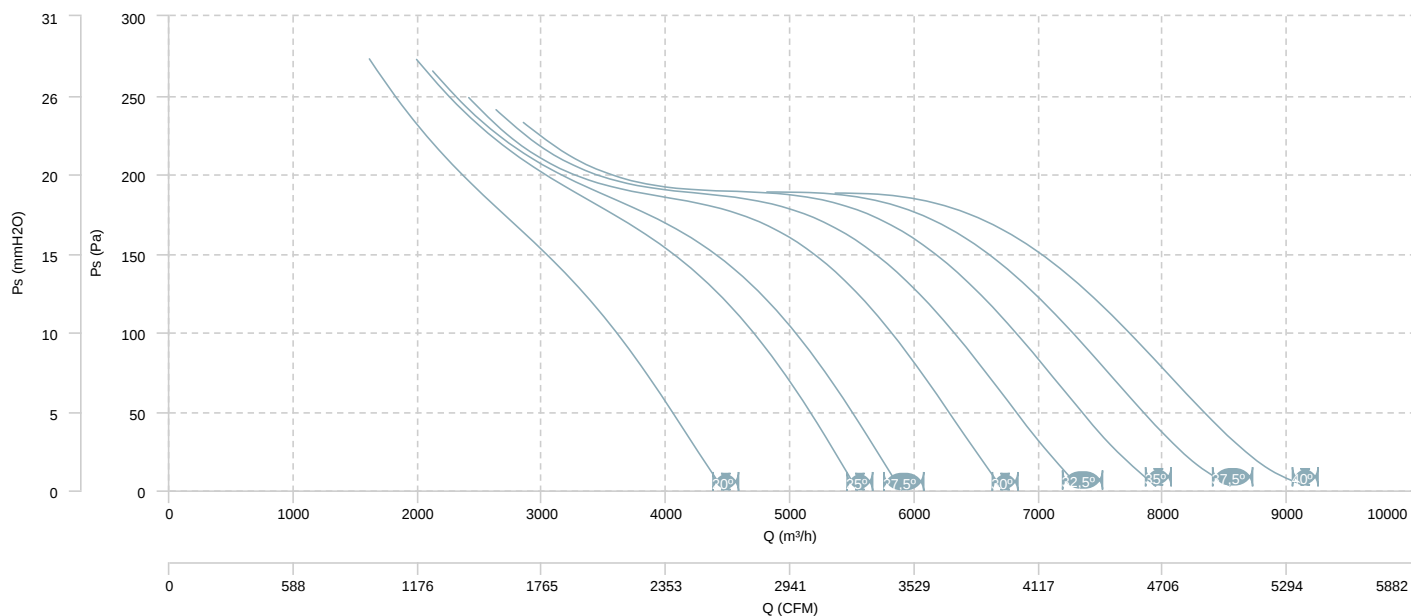


## AIR FLOW - MECHANICAL POWER

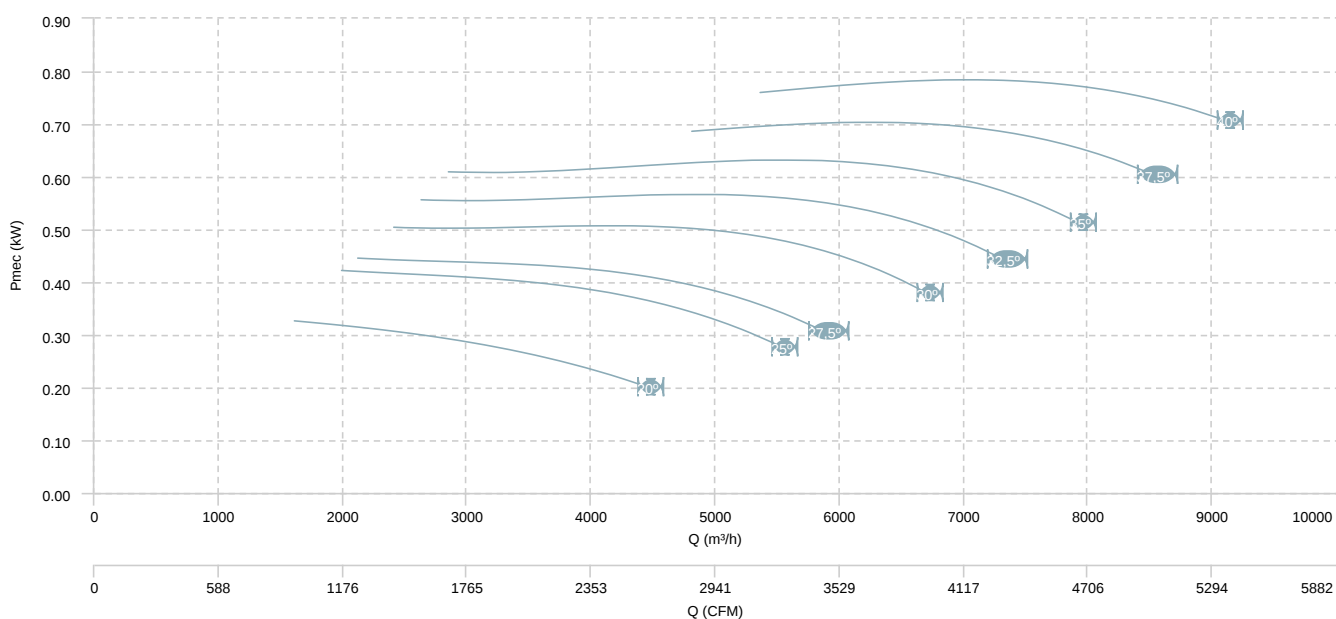


HMFx 50 T4 (A2:9) F300

**AIR FLOW - PRESSURE**

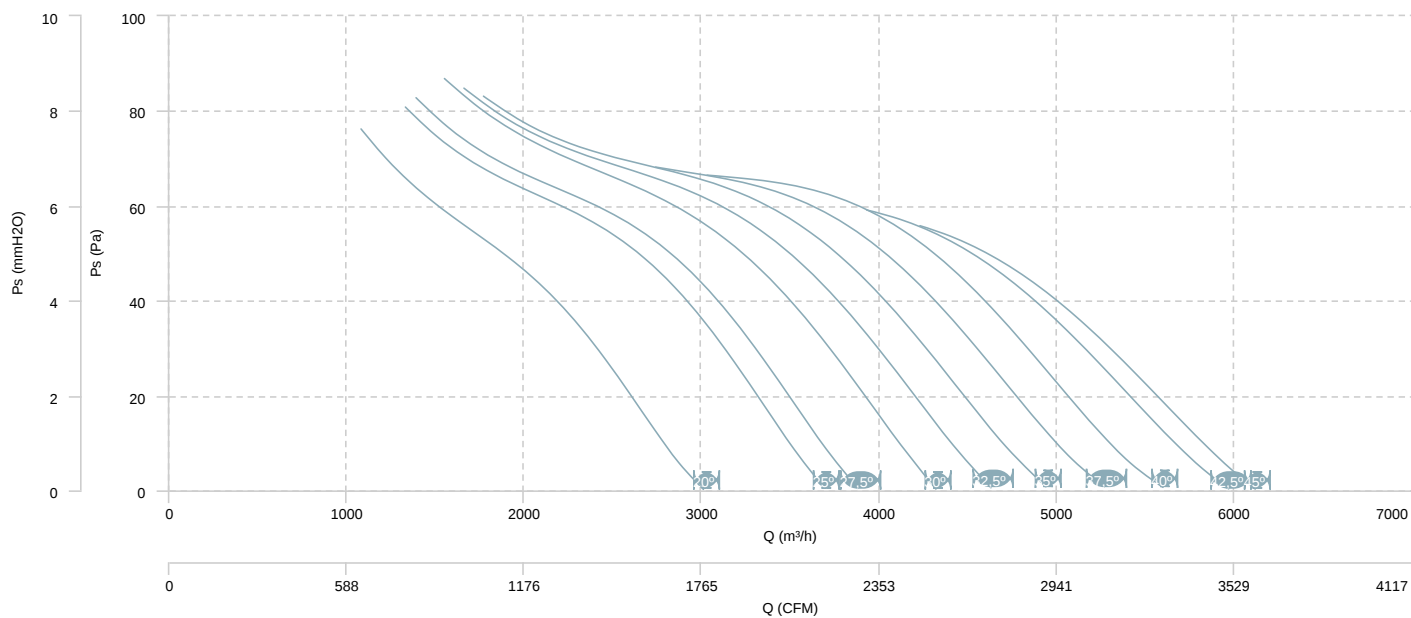


**AIR FLOW - MECHANICAL POWER**

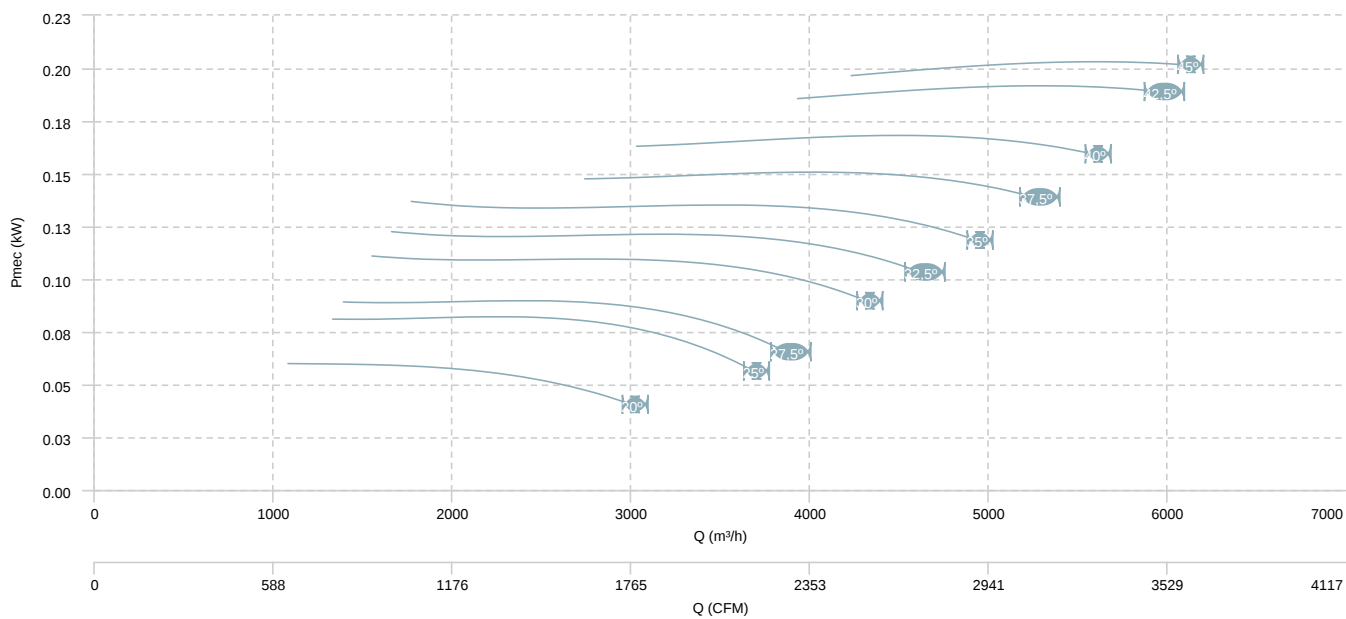


HMX 50 T6 (A2:6) F300

**AIR FLOW - PRESSURE**

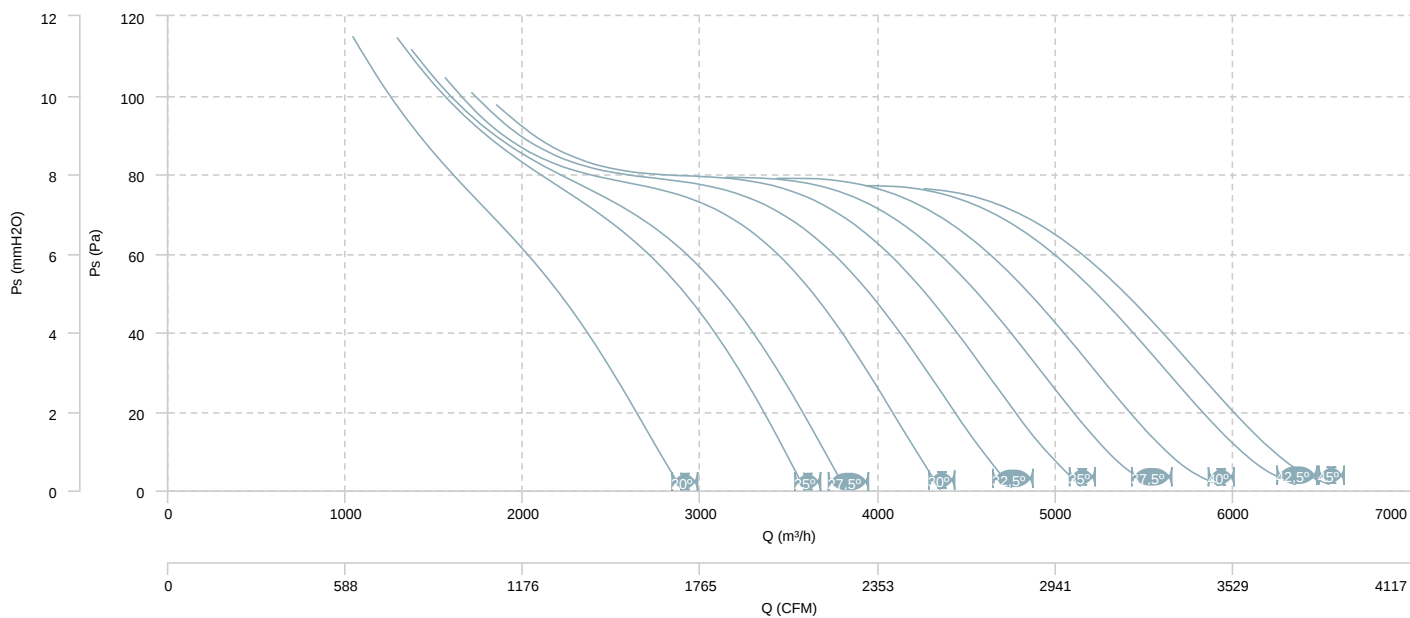


**AIR FLOW - MECHANICAL POWER**

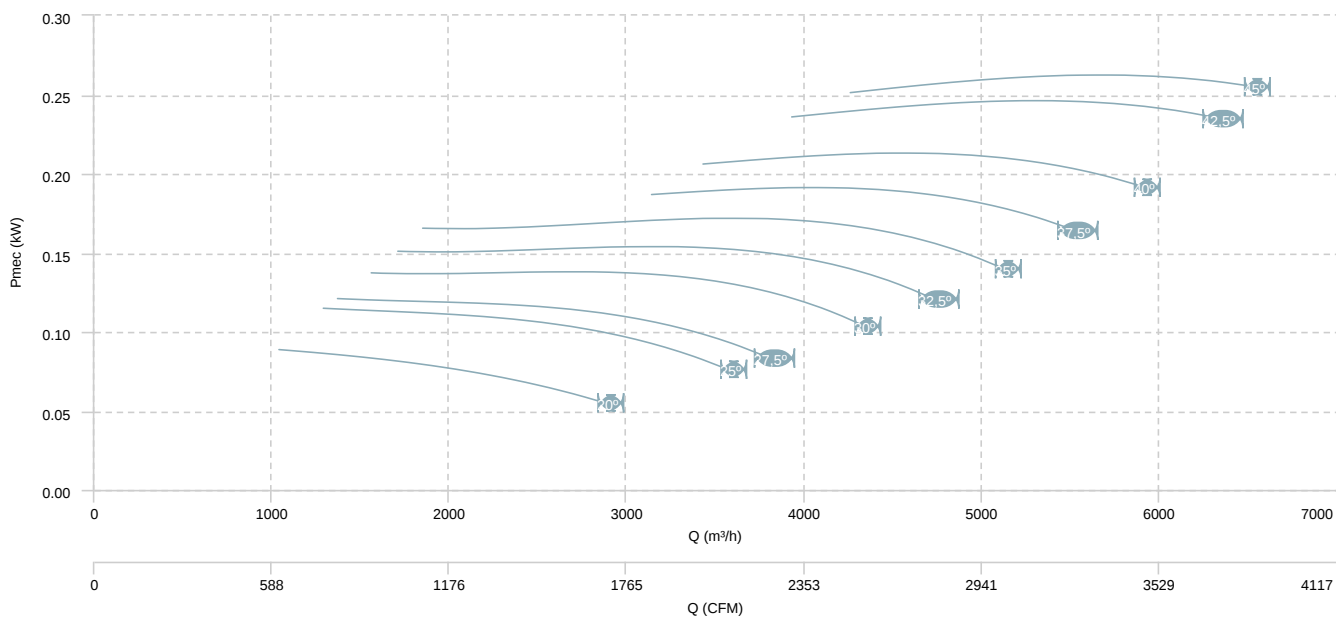


**HMXF 50 T6 (A2:9) F300**

**AIR FLOW - PRESSURE**

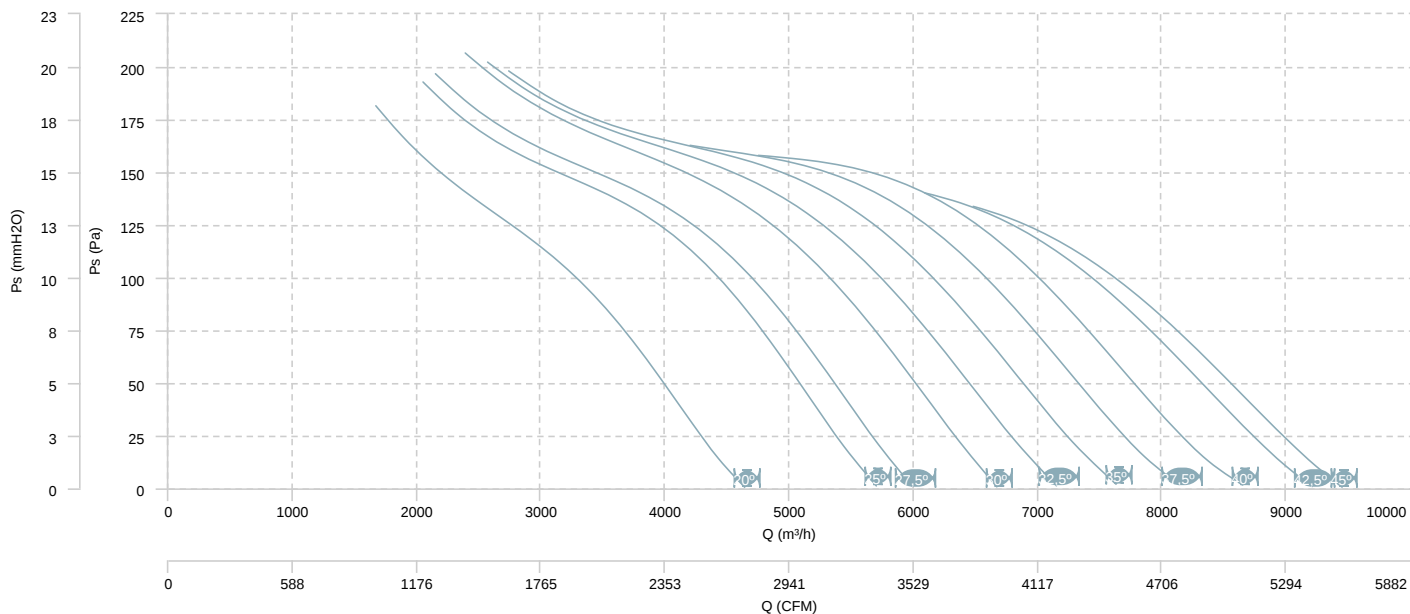


**AIR FLOW - MECHANICAL POWER**

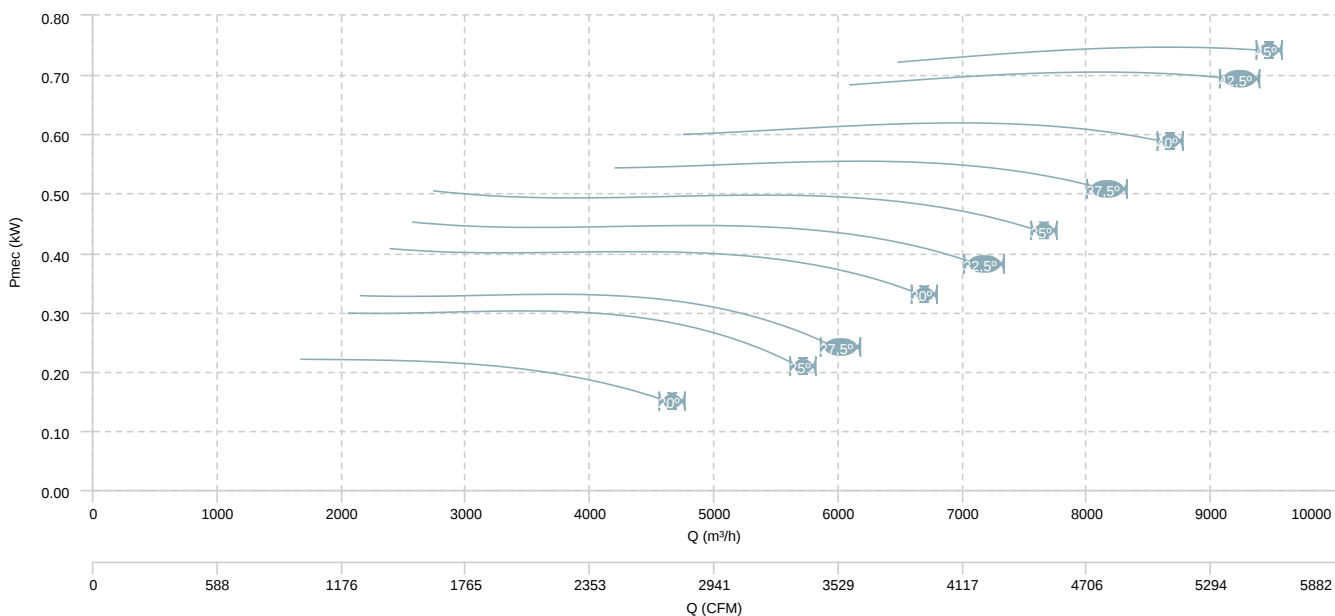


HMFx 50 T4/T6 (A2:6) F300

**AIR FLOW - PRESSURE (4 poles)**

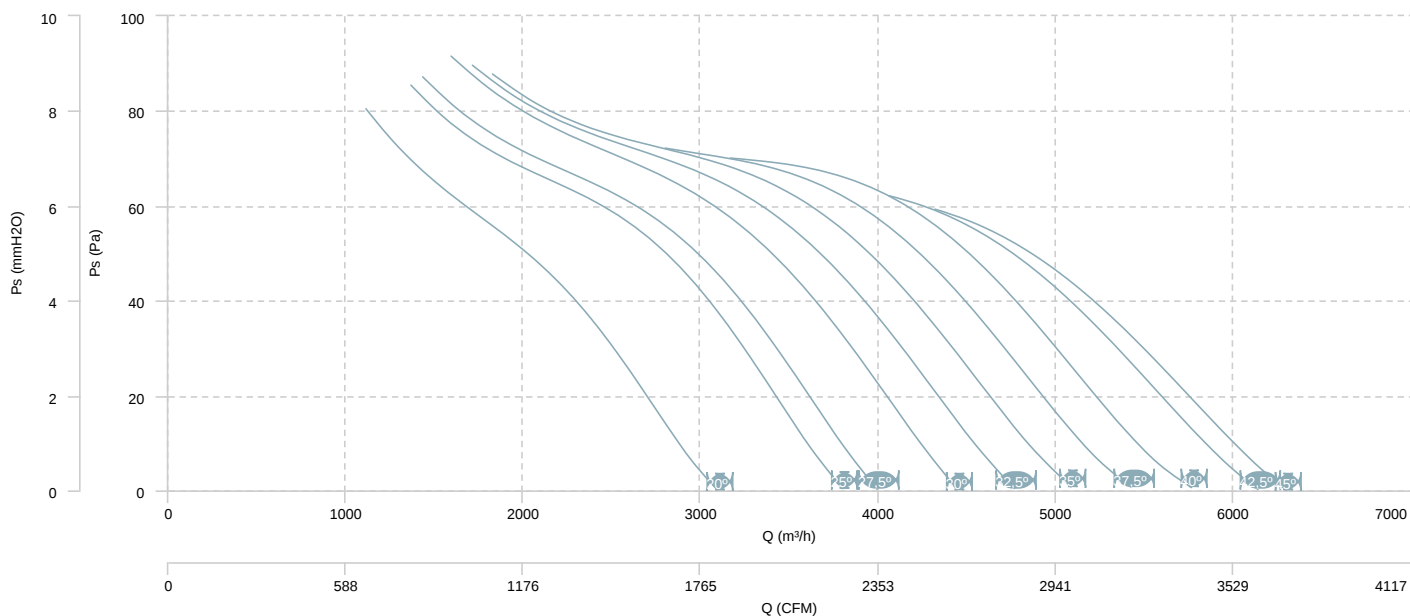


**AIR FLOW - MECHANICAL POWER (4 poles)**

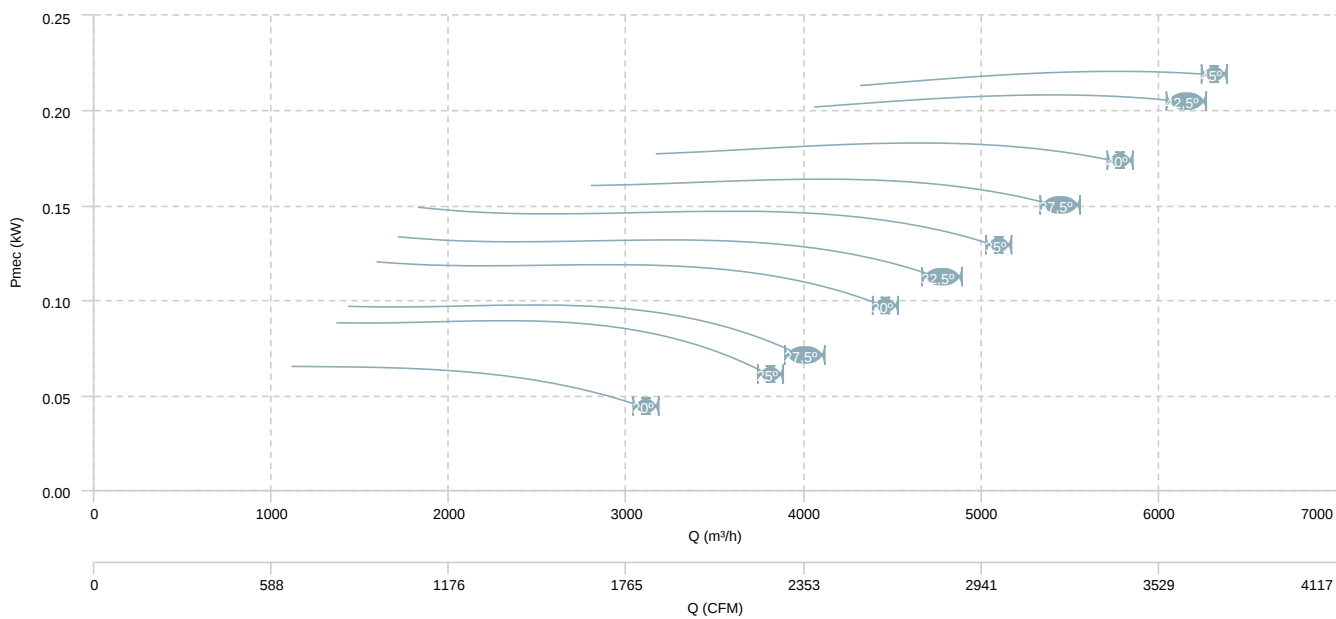


**HMXF 50 T4/T6 (A2:6) F300**

**AIR FLOW - PRESSURE (6 poles)**

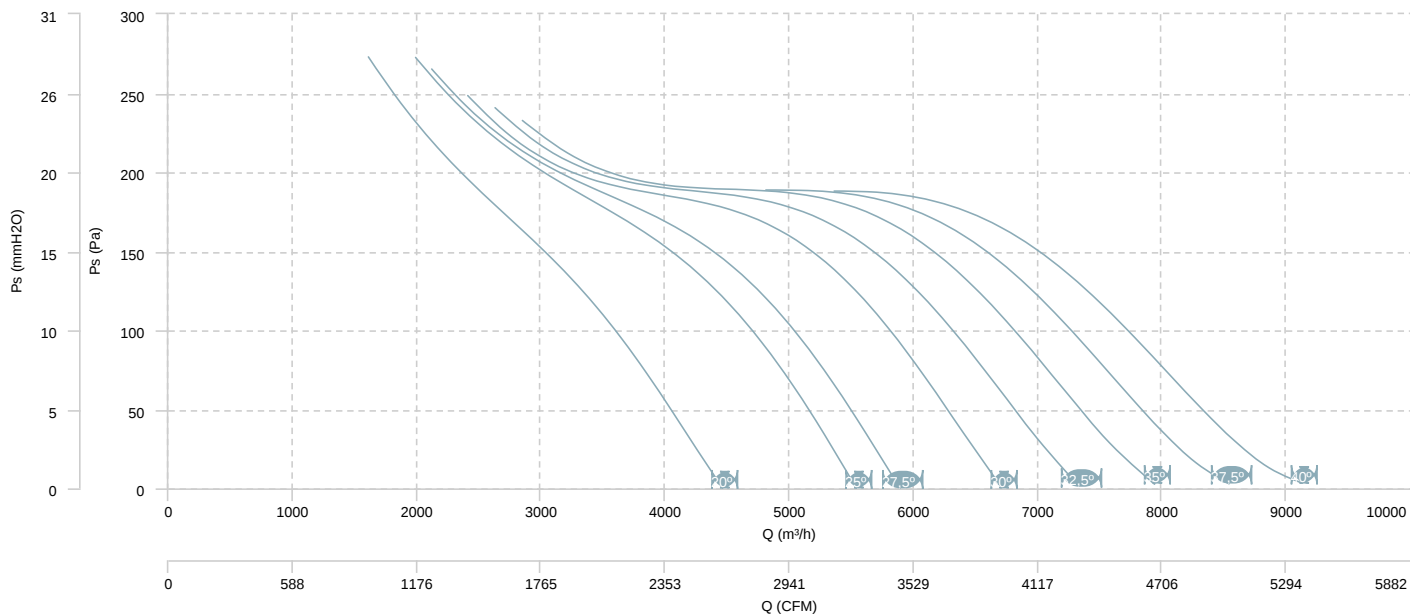


**AIR FLOW - MECHANICAL POWER (6 poles)**

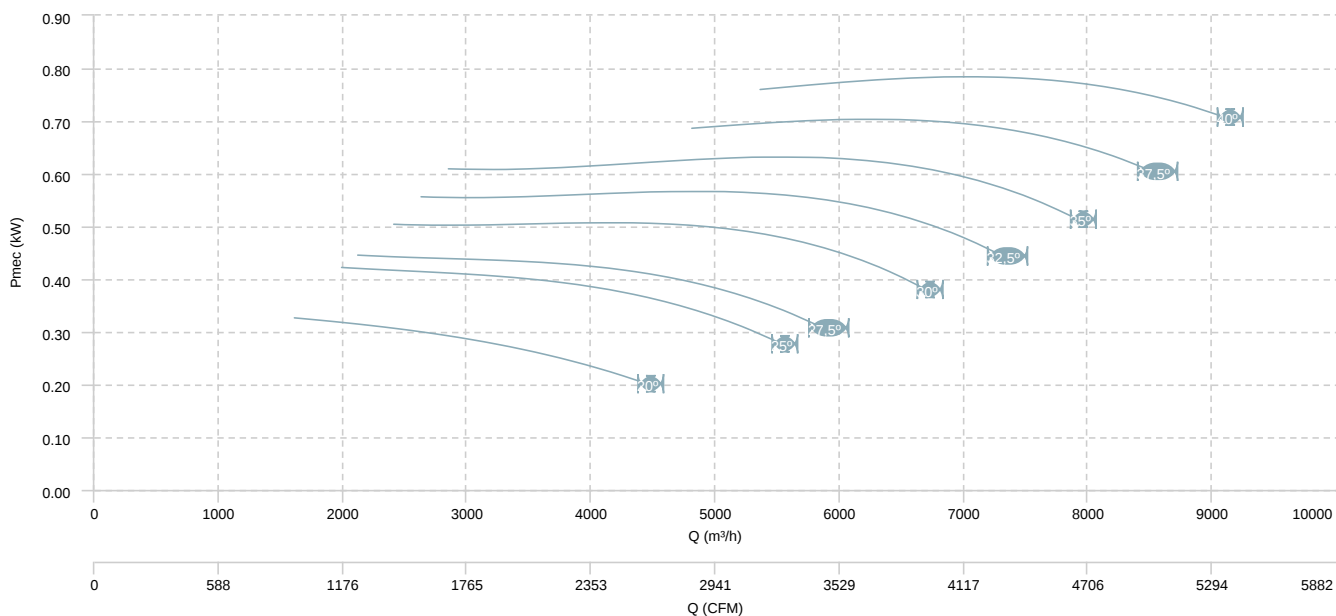


**HMFx 50 T4/T6 (A2:9) F300**

**AIR FLOW - PRESSURE (4 poles)**

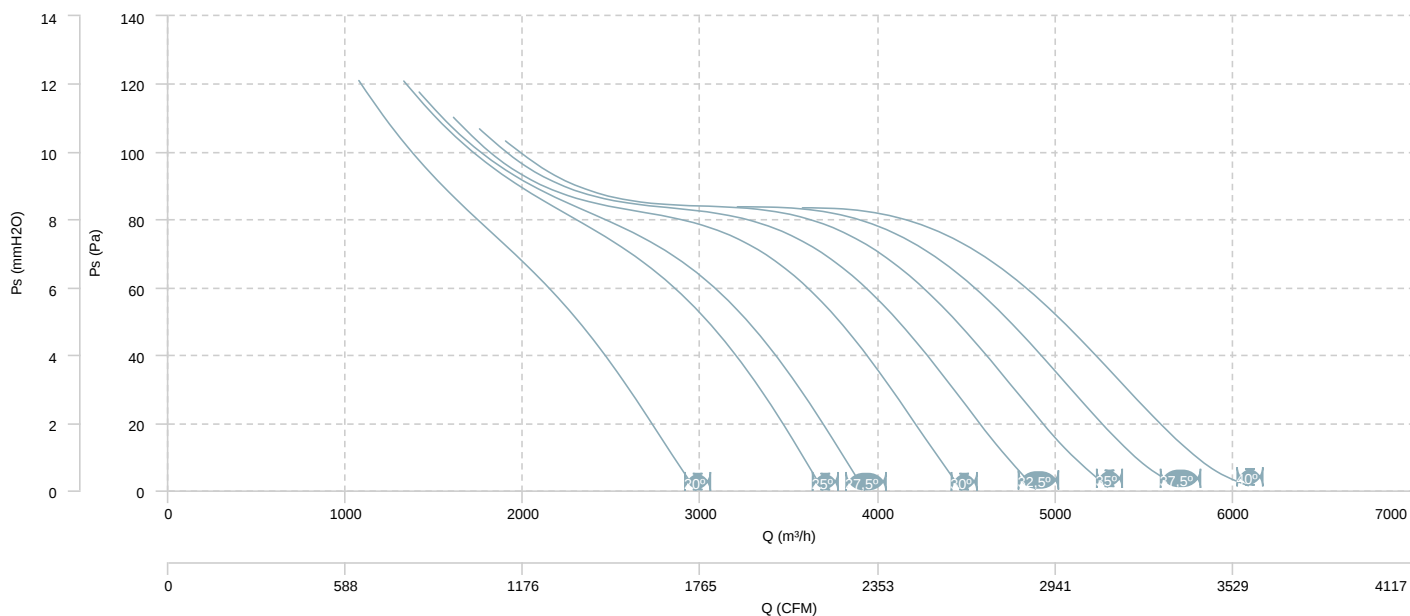


**AIR FLOW - MECHANICAL POWER (4 poles)**

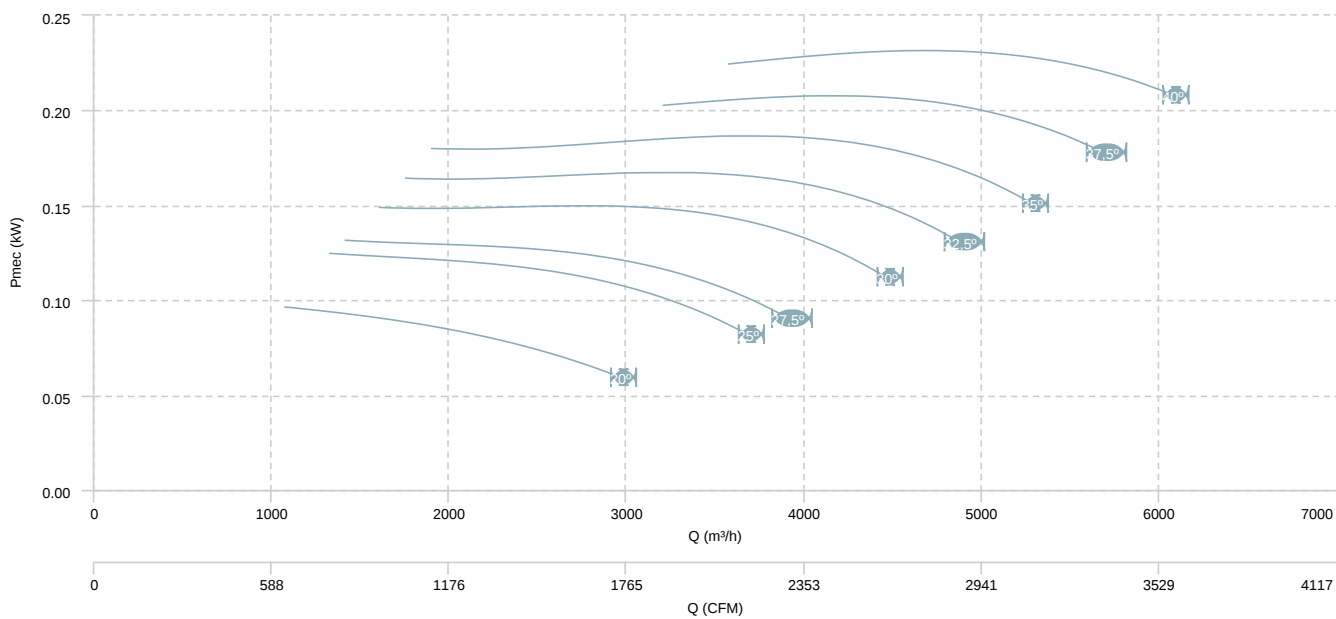


**HMXF 50 T4/T6 (A2:9) F300**

**AIR FLOW - PRESSURE (6 poles)**

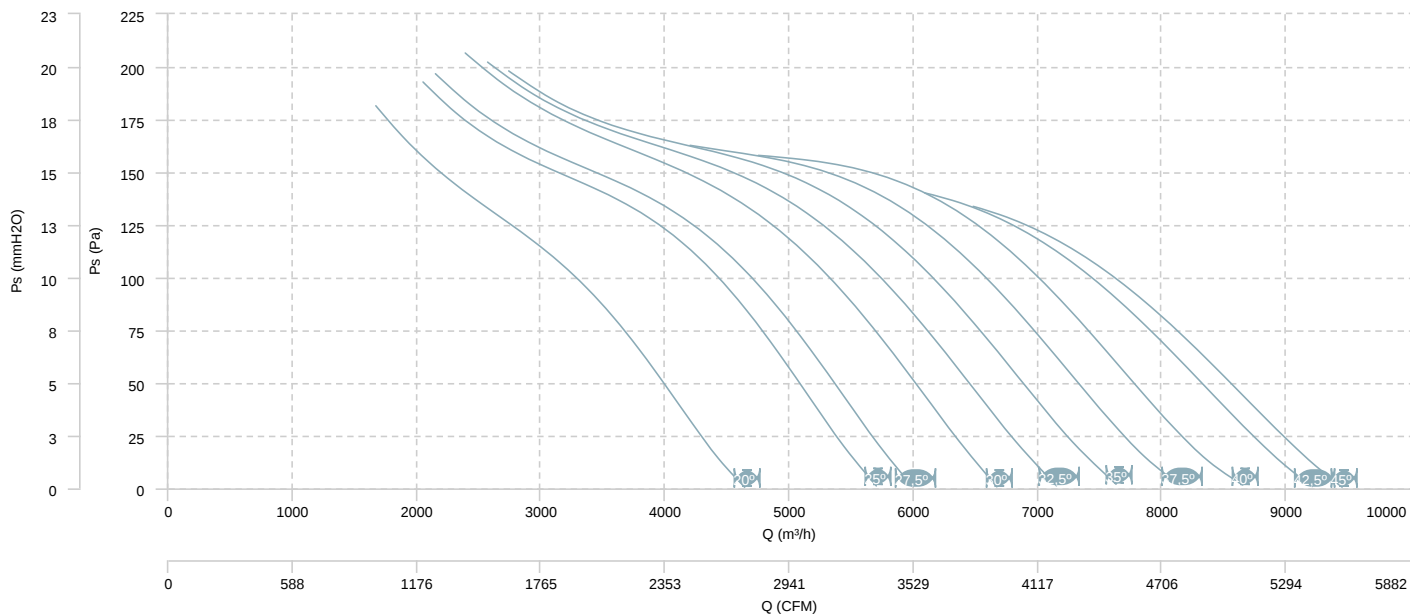


**AIR FLOW - MECHANICAL POWER (6 poles)**

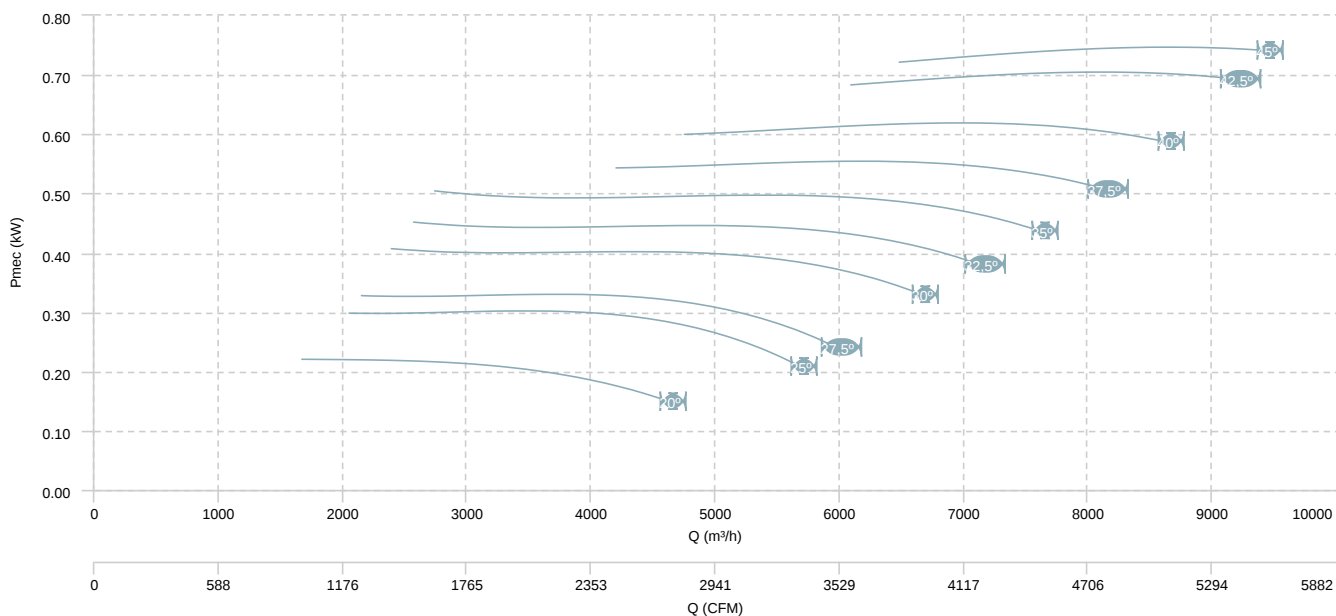


HMXF 50 T4/T8 (A2:6) F300

**AIR FLOW - PRESSURE (4 poles)**

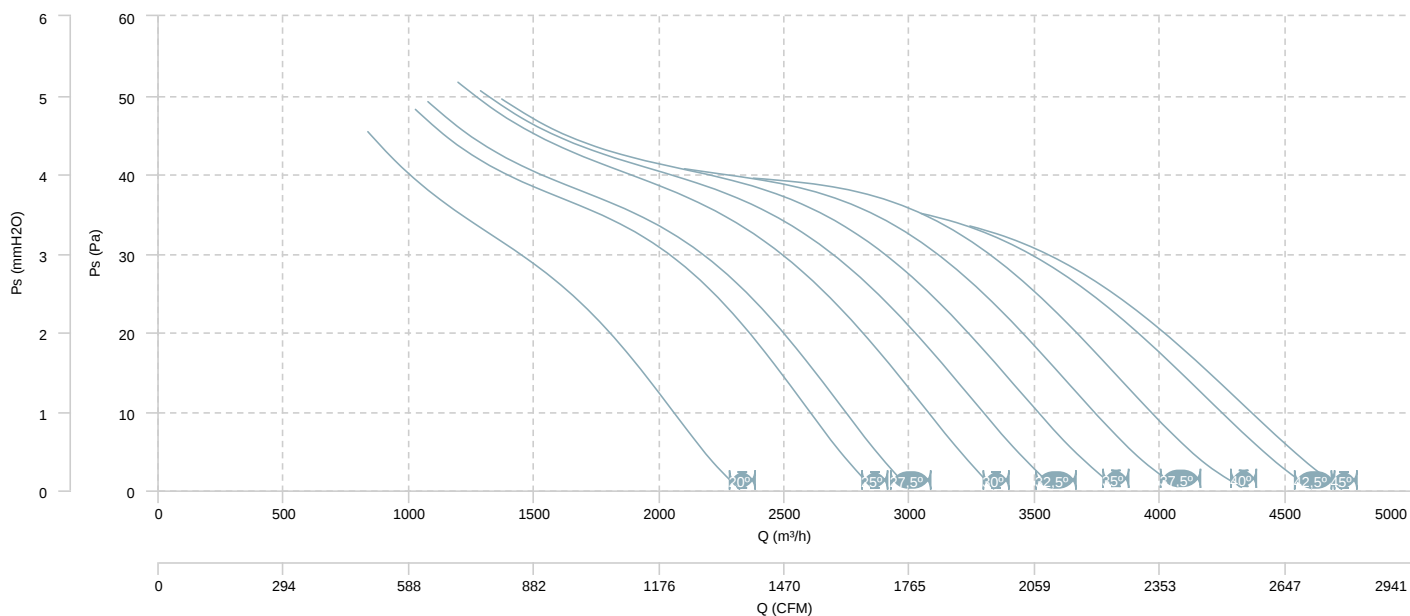


**AIR FLOW - MECHANICAL POWER (4 poles)**

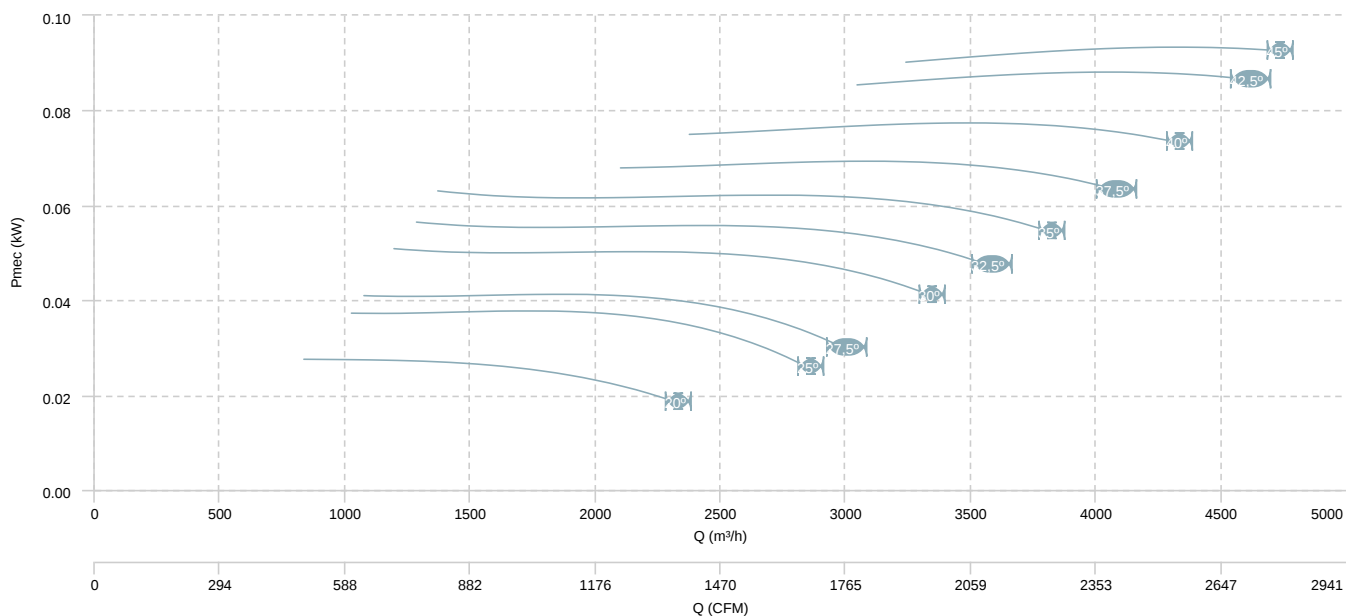


**HMFx 50 T4/T8 (A2:6) F300**

**AIR FLOW - PRESSURE (8 poles)**

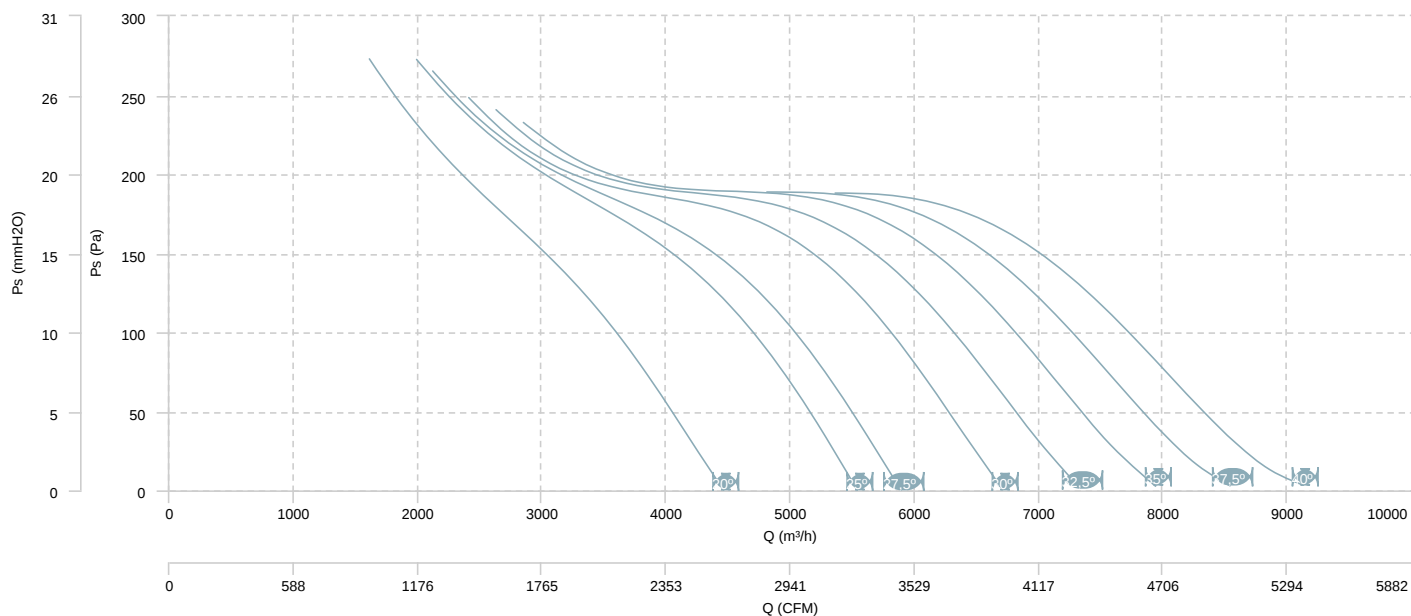


**AIR FLOW - MECHANICAL POWER (8 poles)**

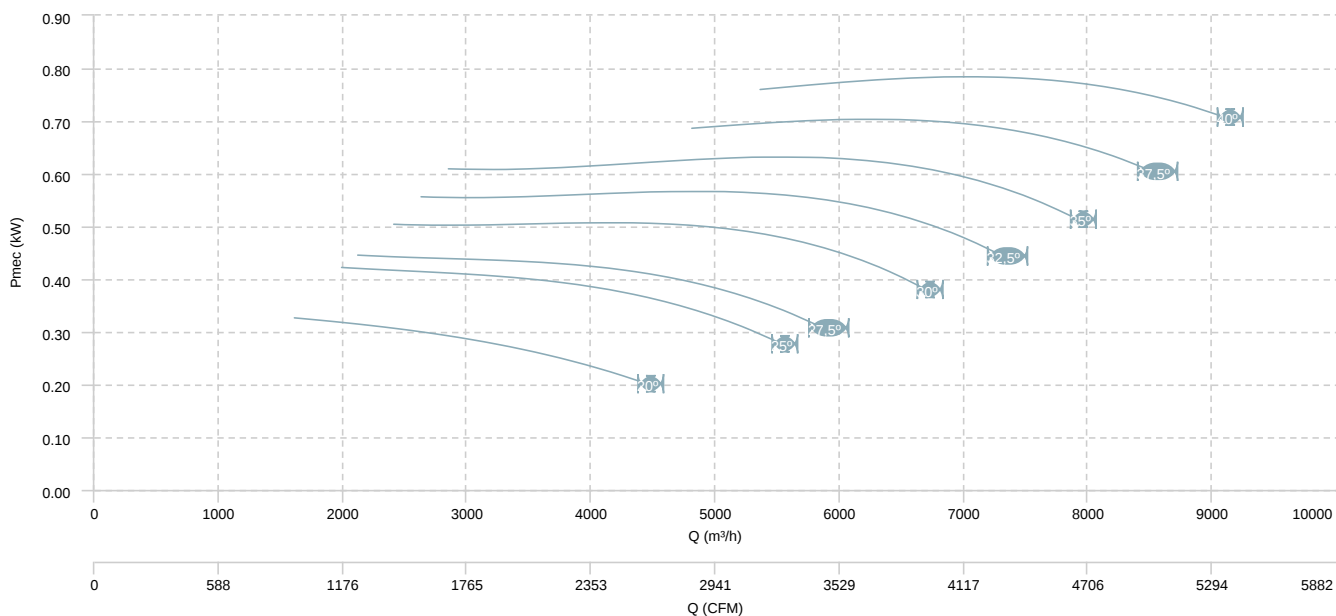


**HMFx 50 T4/T8 (A2:9) F300**

**AIR FLOW - PRESSURE (4 poles)**

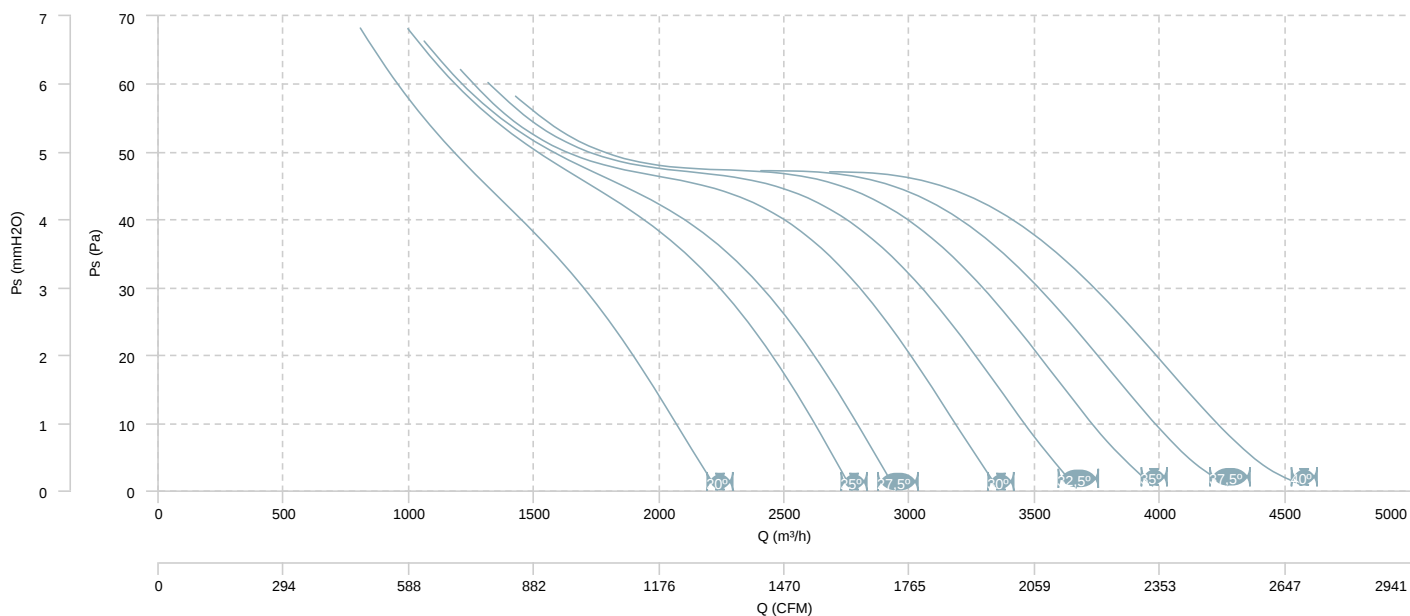


**AIR FLOW - MECHANICAL POWER (4 poles)**

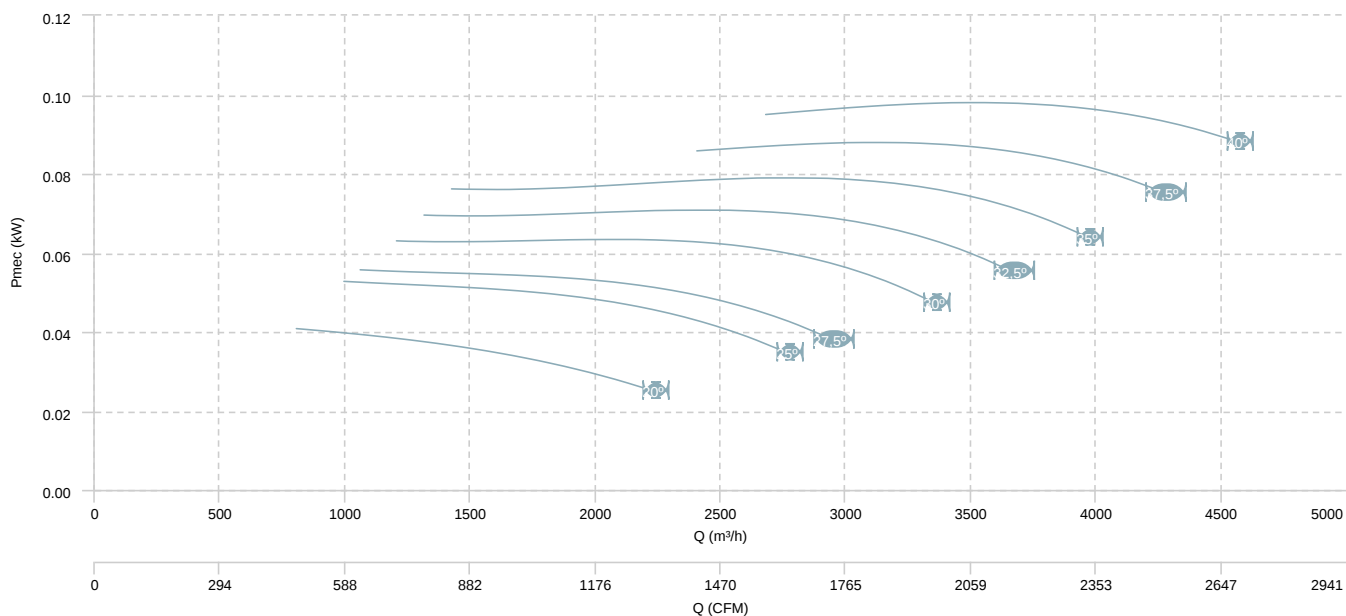


HMFx 50 T4/T8 (A2:9) F300

**AIR FLOW - PRESSURE (8 poles)**

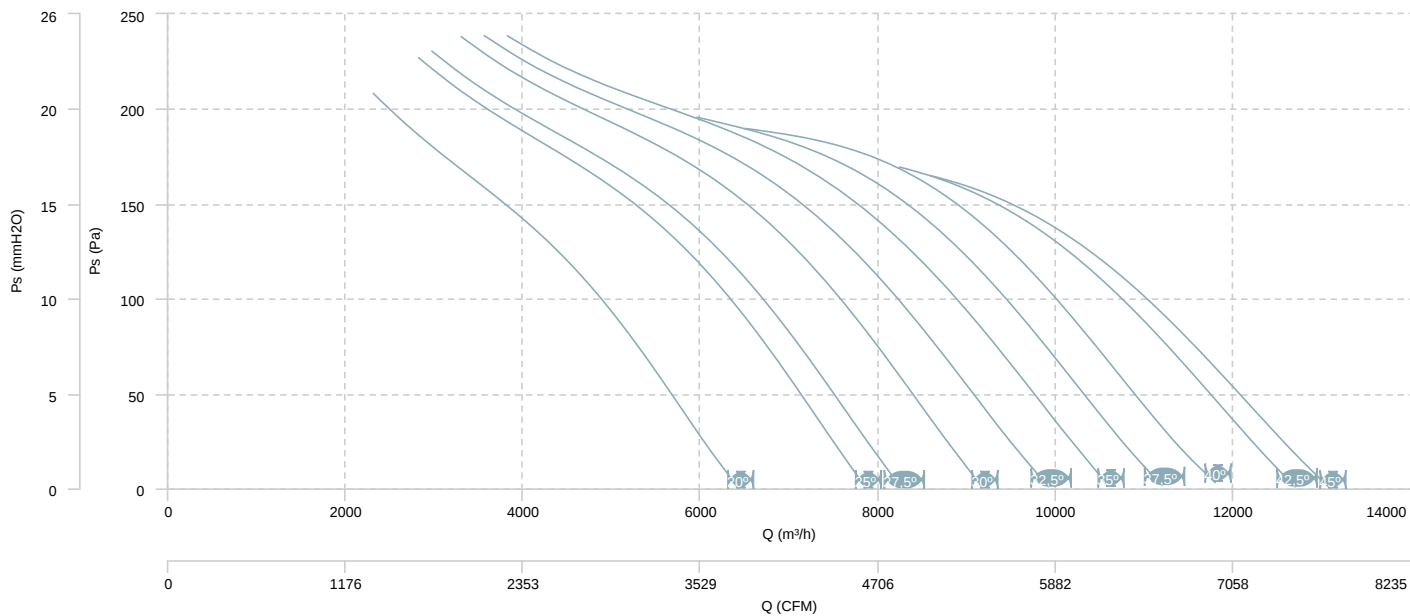


**AIR FLOW - MECHANICAL POWER (8 poles)**

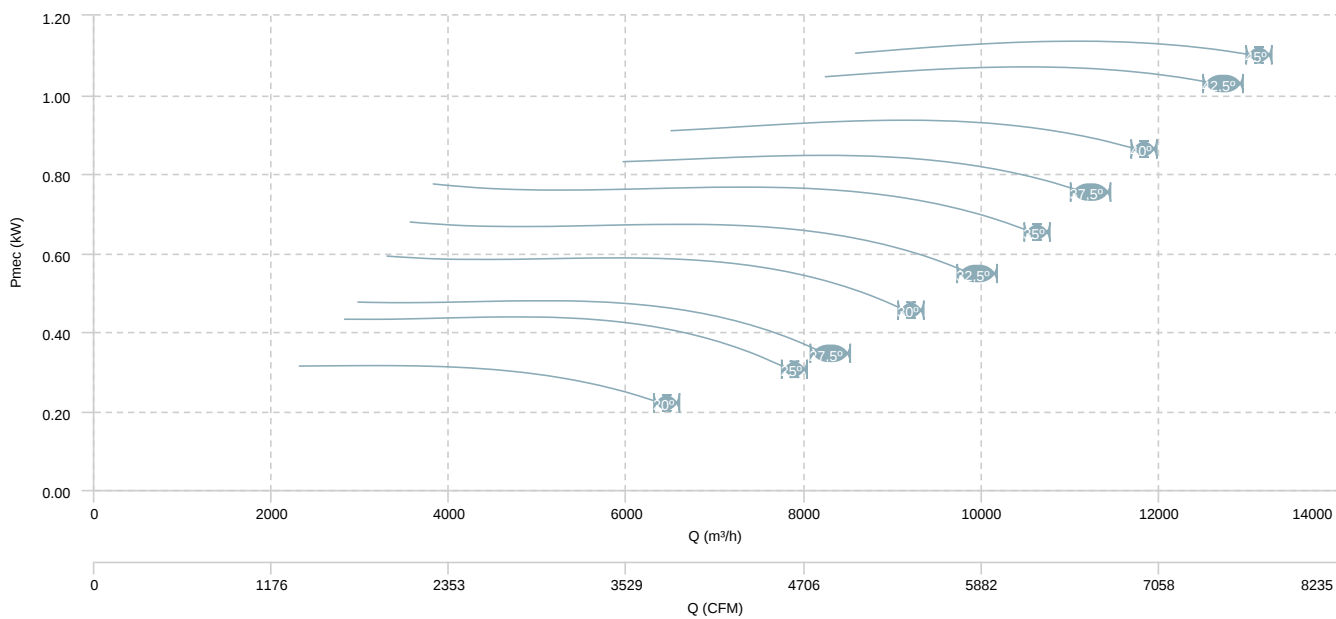


HMXF 56 T4 (A2:6) F300

**AIR FLOW - PRESSURE**

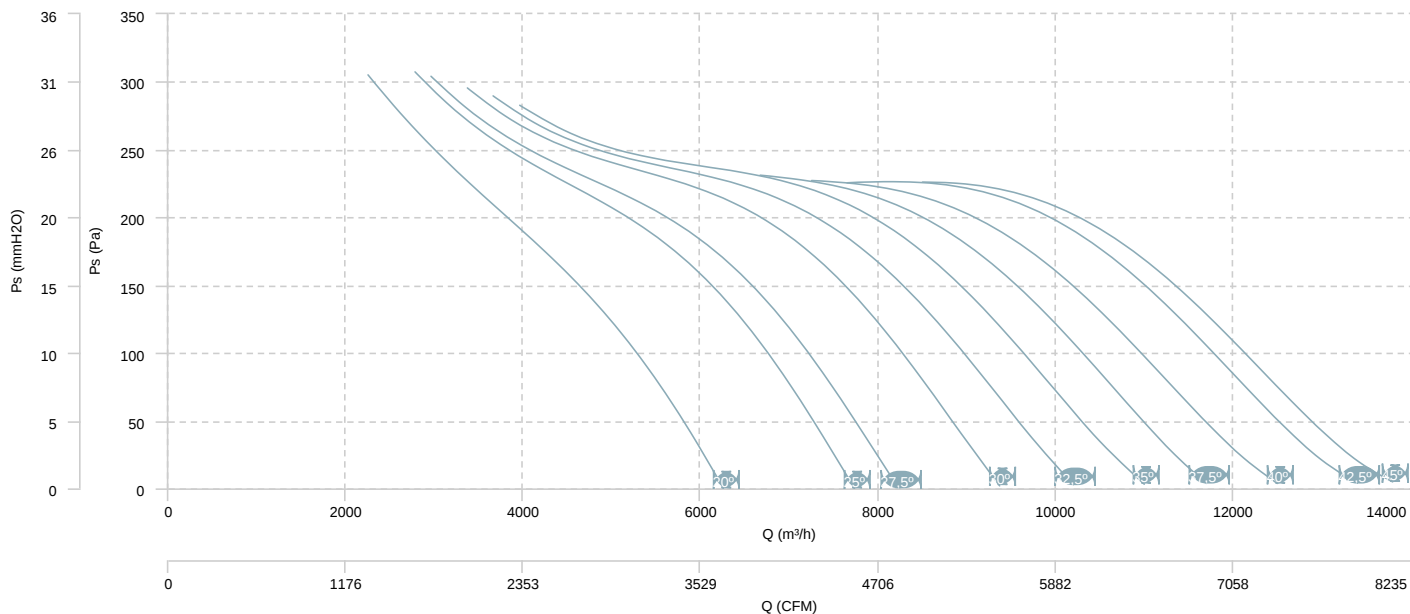


**AIR FLOW - MECHANICAL POWER**

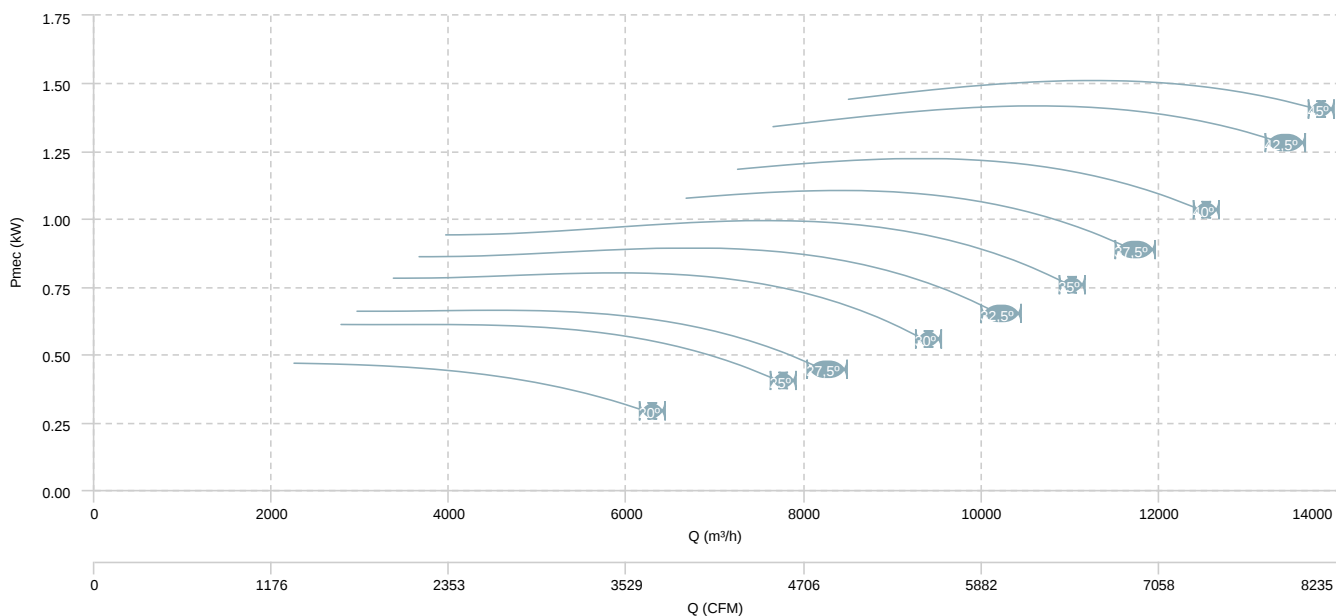


HMXF 56 T4 (A2:9) F300

**AIR FLOW - PRESSURE**

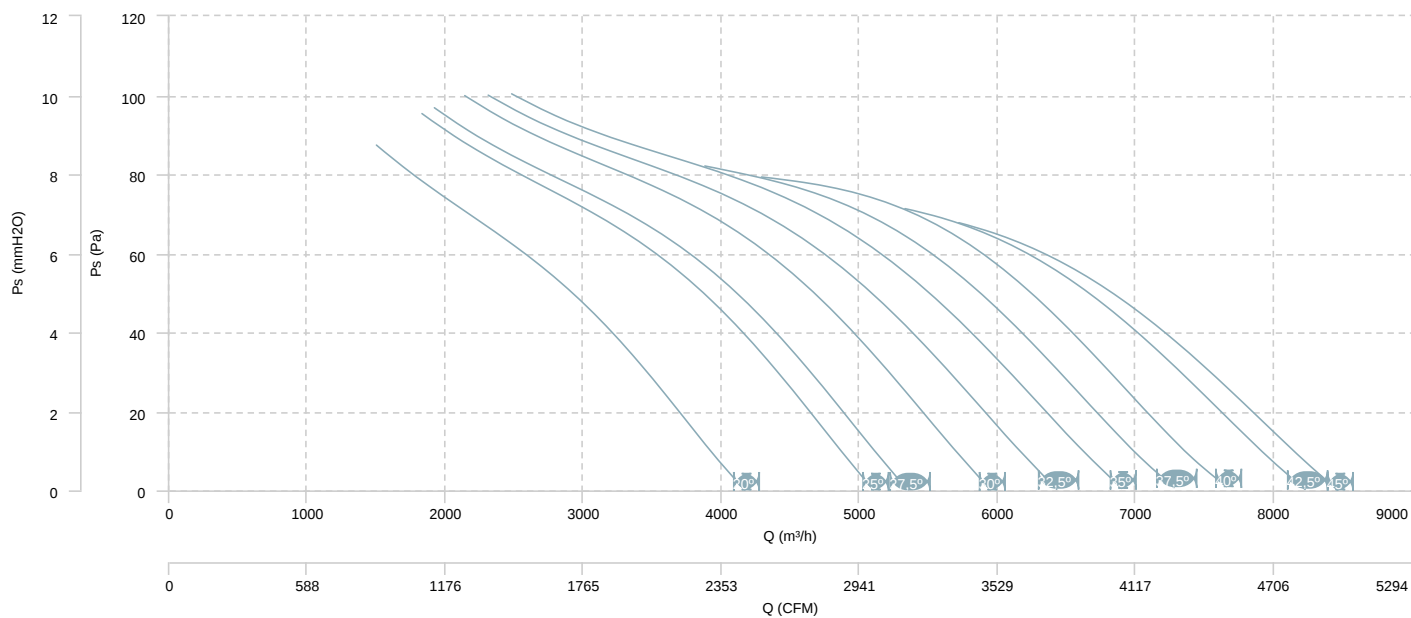


**AIR FLOW - MECHANICAL POWER**

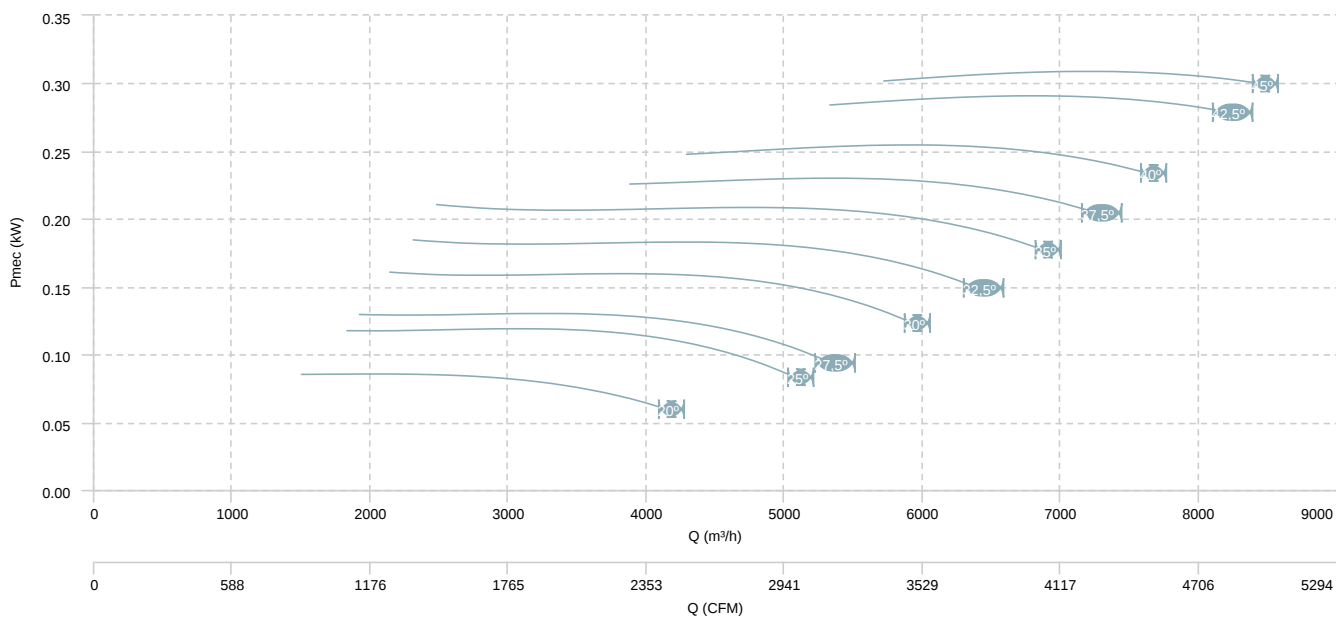


HMXF 56 T6 (A2:6) F300

**AIR FLOW - PRESSURE**

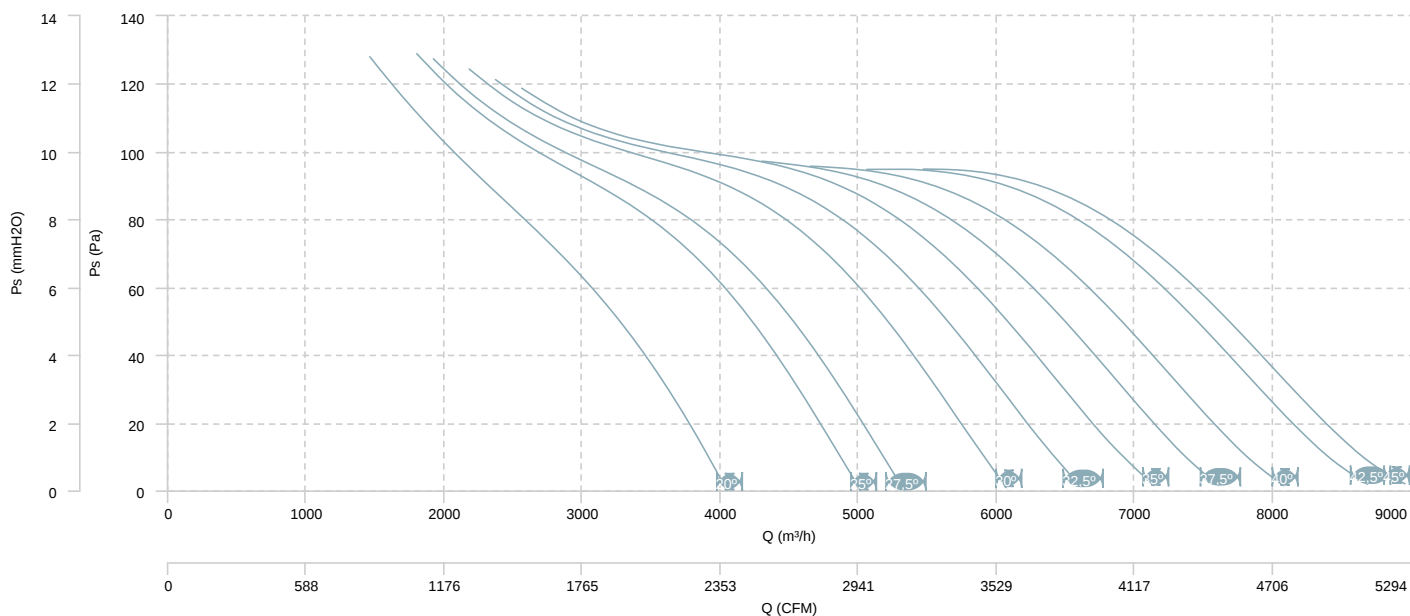


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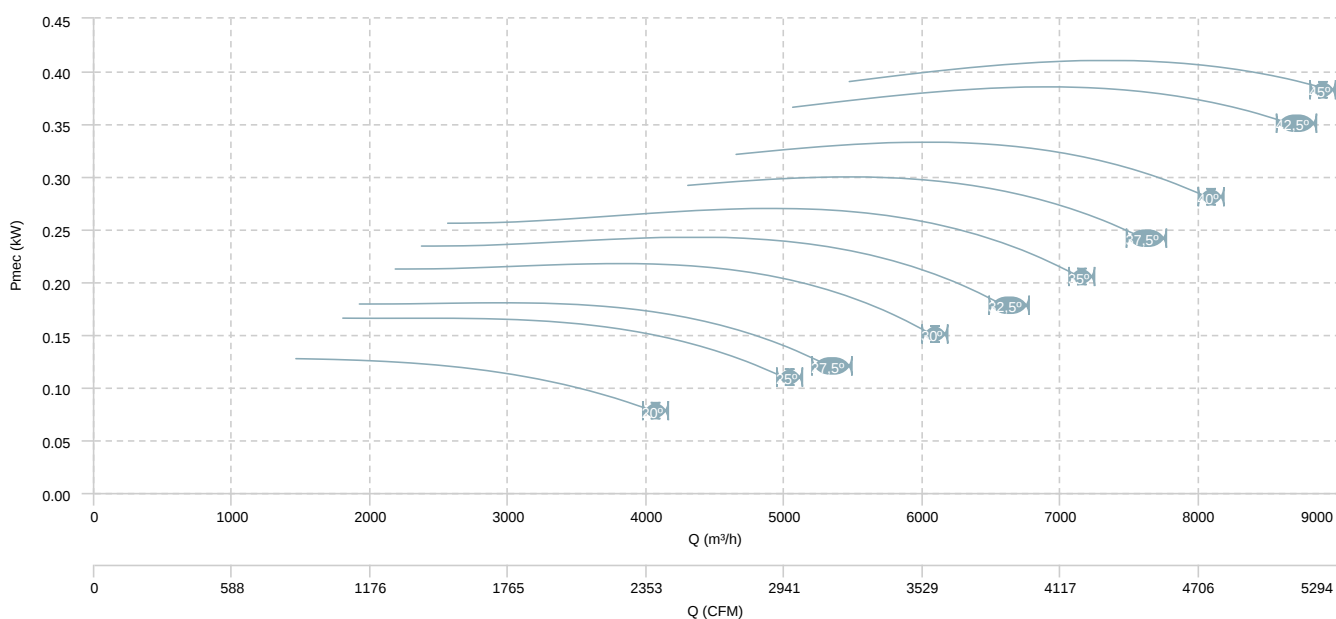


**HMXF 56 T6 (A2:9) F300**

**AIR FLOW - PRESSURE**

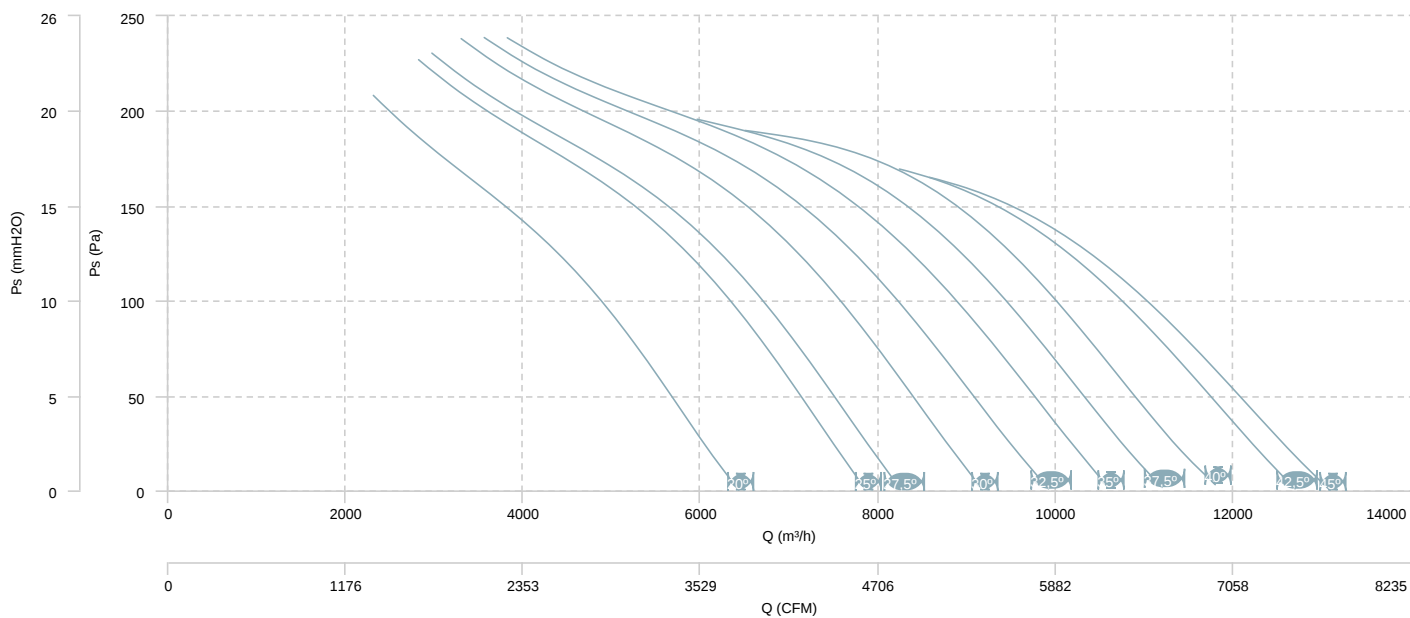


**AIR FLOW - MECHANICAL POWER**

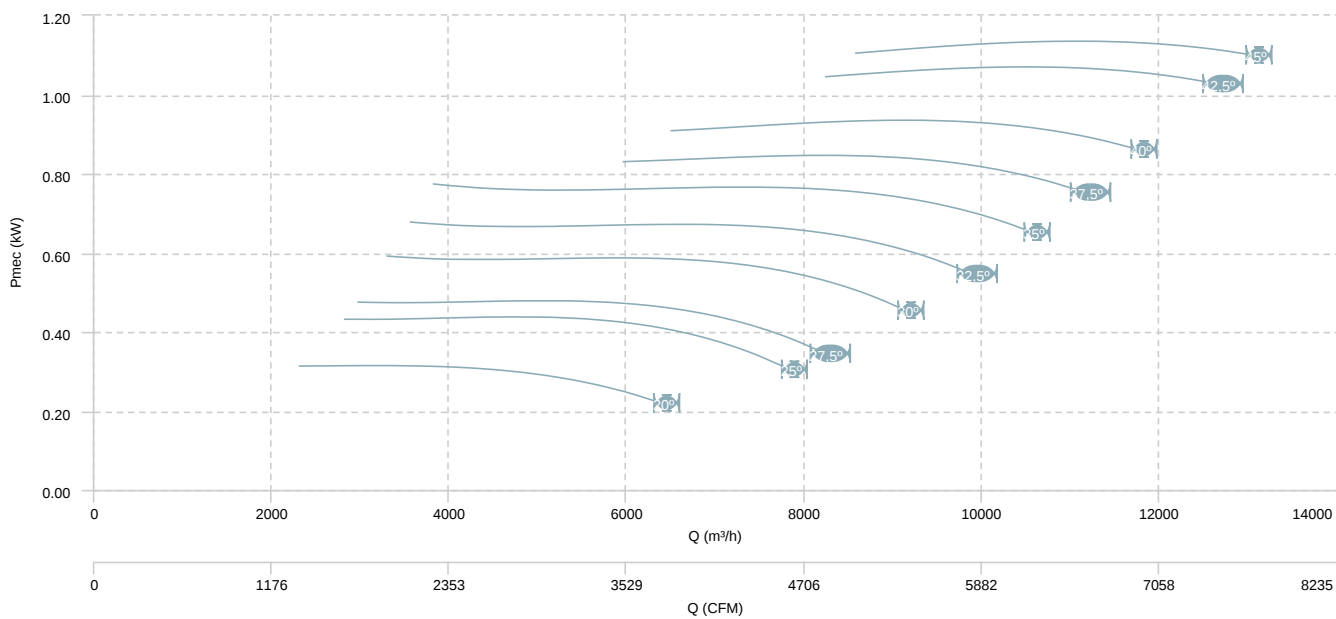


HMFx 56 T4/T6 (A2:6) F300

**AIR FLOW - PRESSURE (4 poles)**

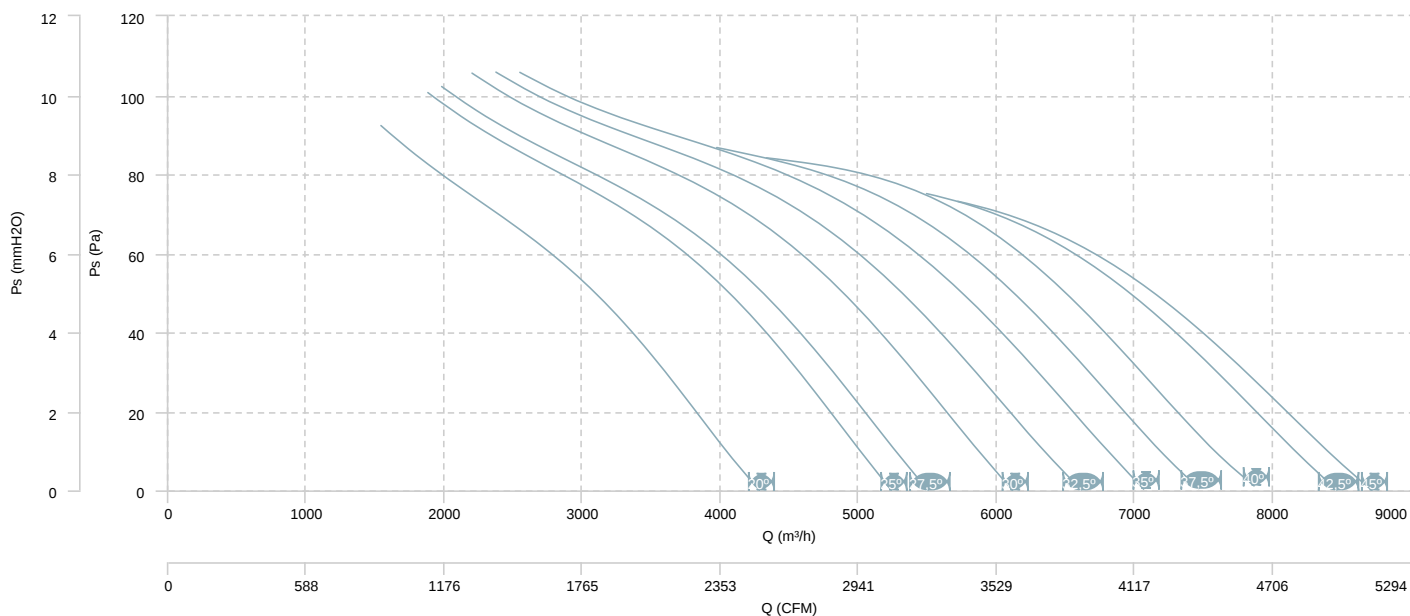


**AIR FLOW - MECHANICAL POWER (4 poles)**

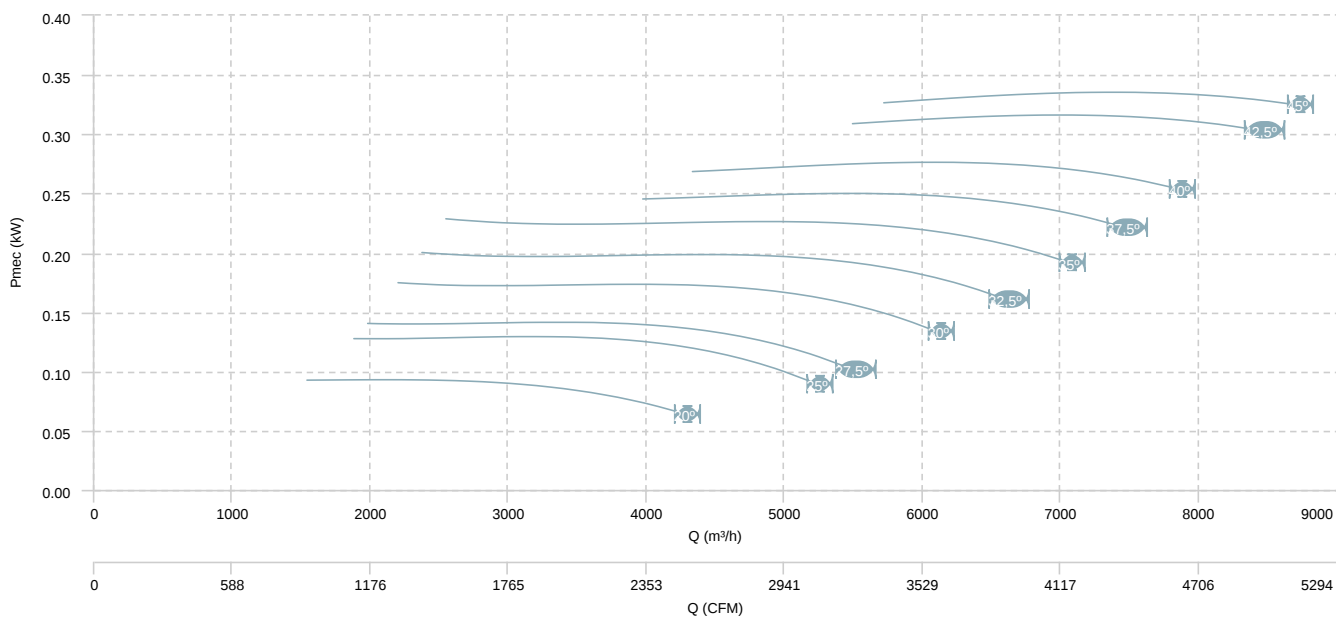


HMXF 56 T4/T6 (A2:6) F300

**AIR FLOW - PRESSURE (6 poles)**

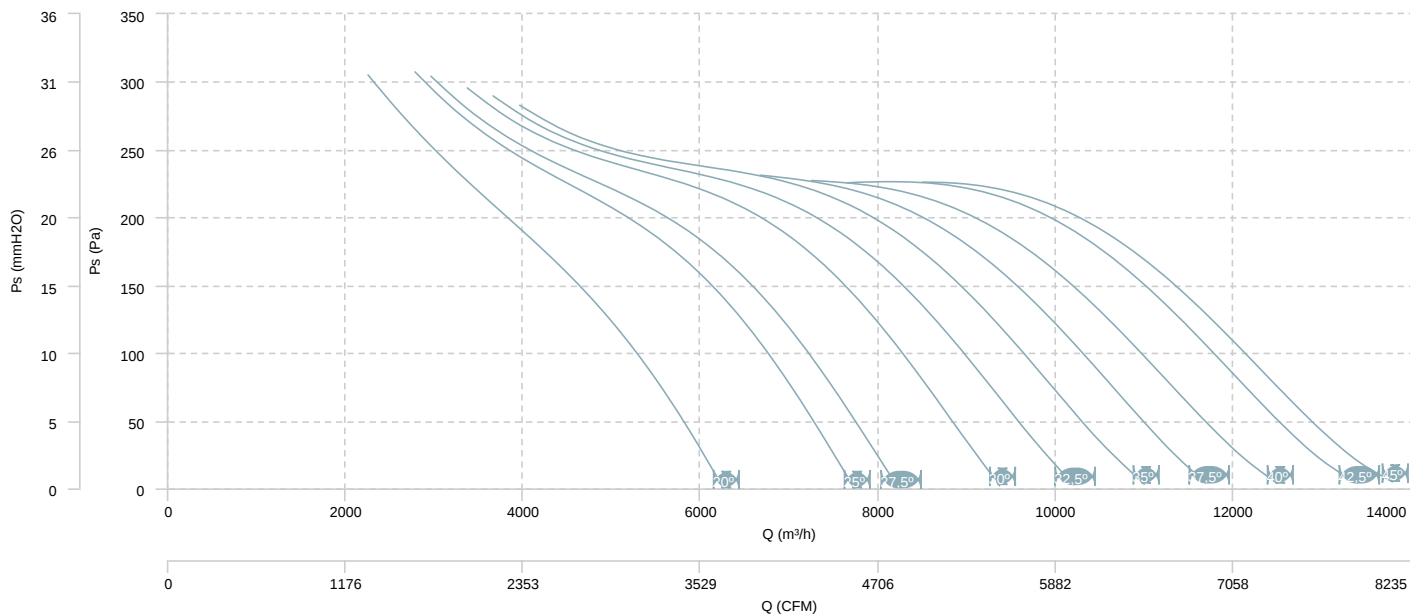


**AIR FLOW - MECHANICAL POWER (6 poles)**

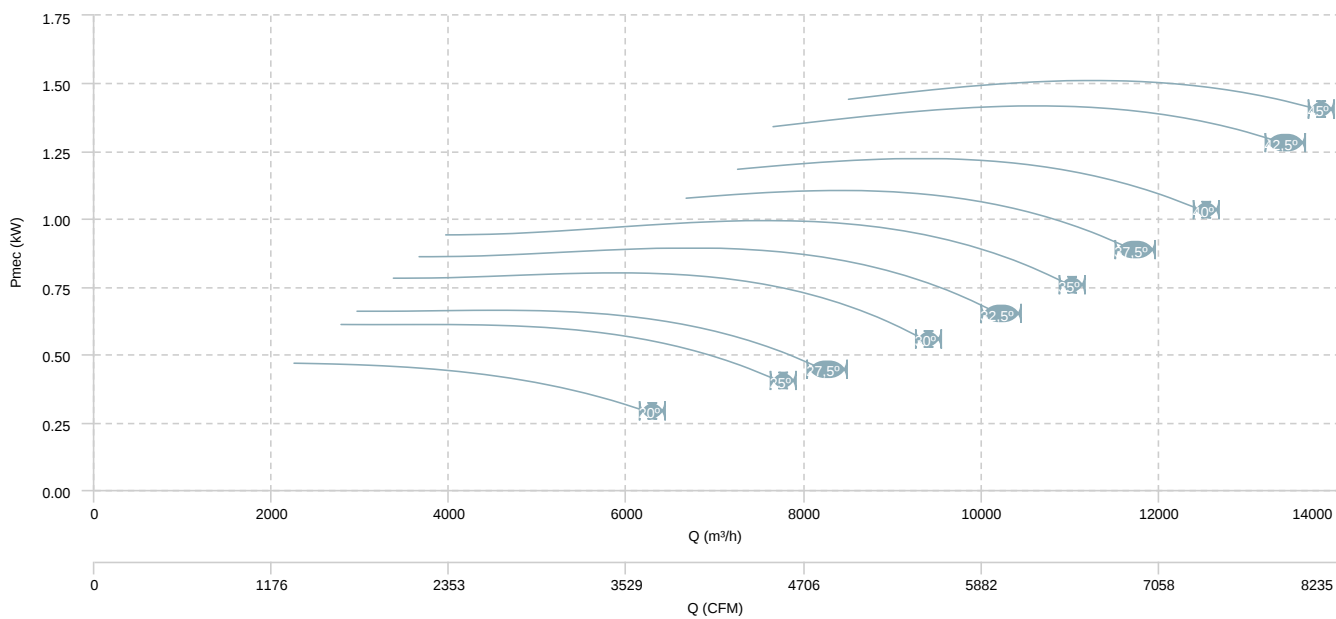


HMXF 56 T4/T6 (A2:9) F300

**AIR FLOW - PRESSURE (4 poles)**

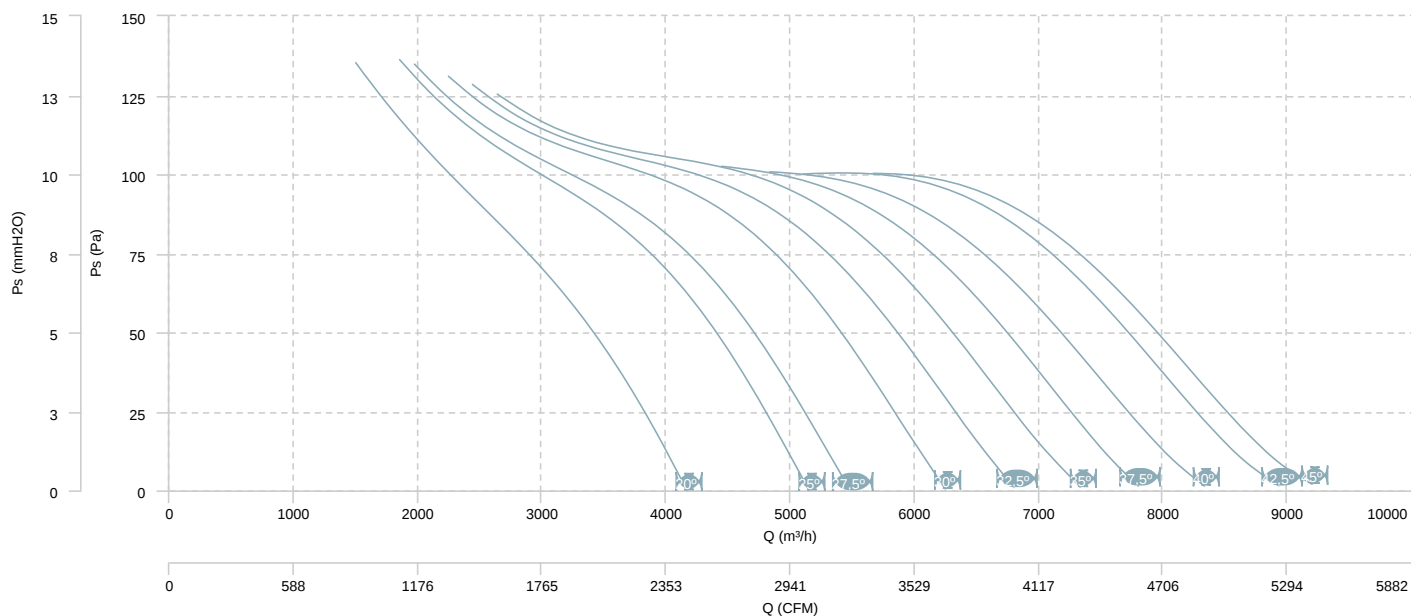


**AIR FLOW - MECHANICAL POWER (4 poles)**

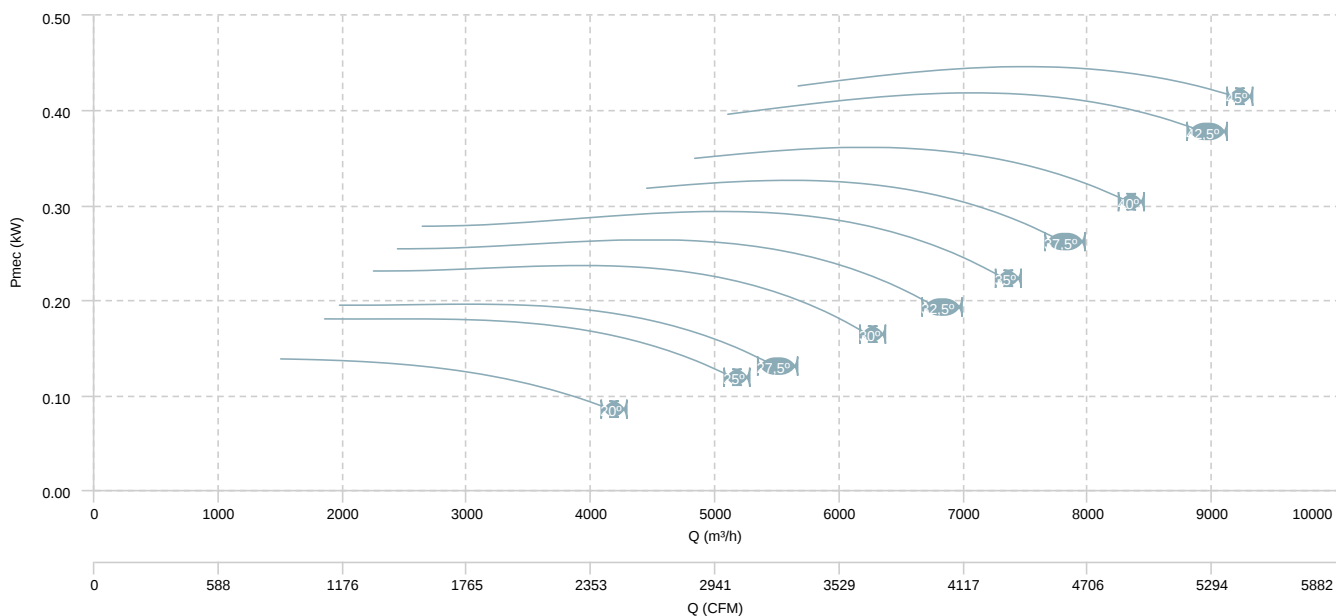


HMXF 56 T4/T6 (A2:9) F300

**AIR FLOW - PRESSURE (6 poles)**

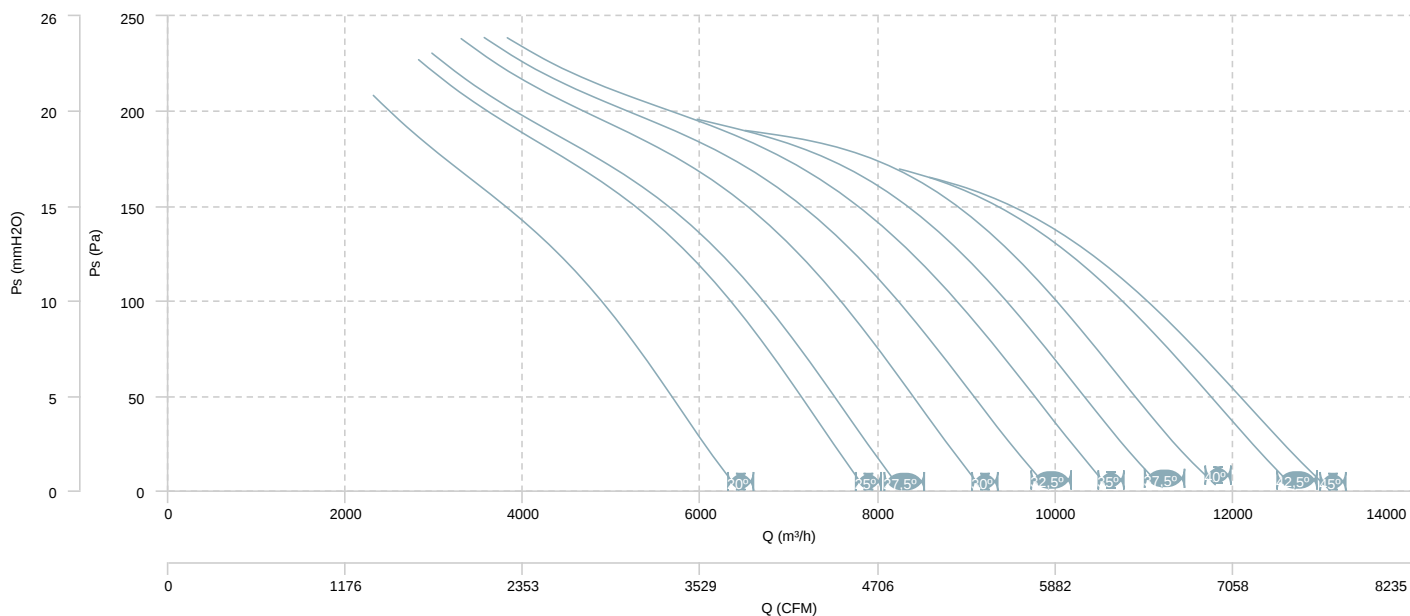


**AIR FLOW - MECHANICAL POWER (6 poles)**

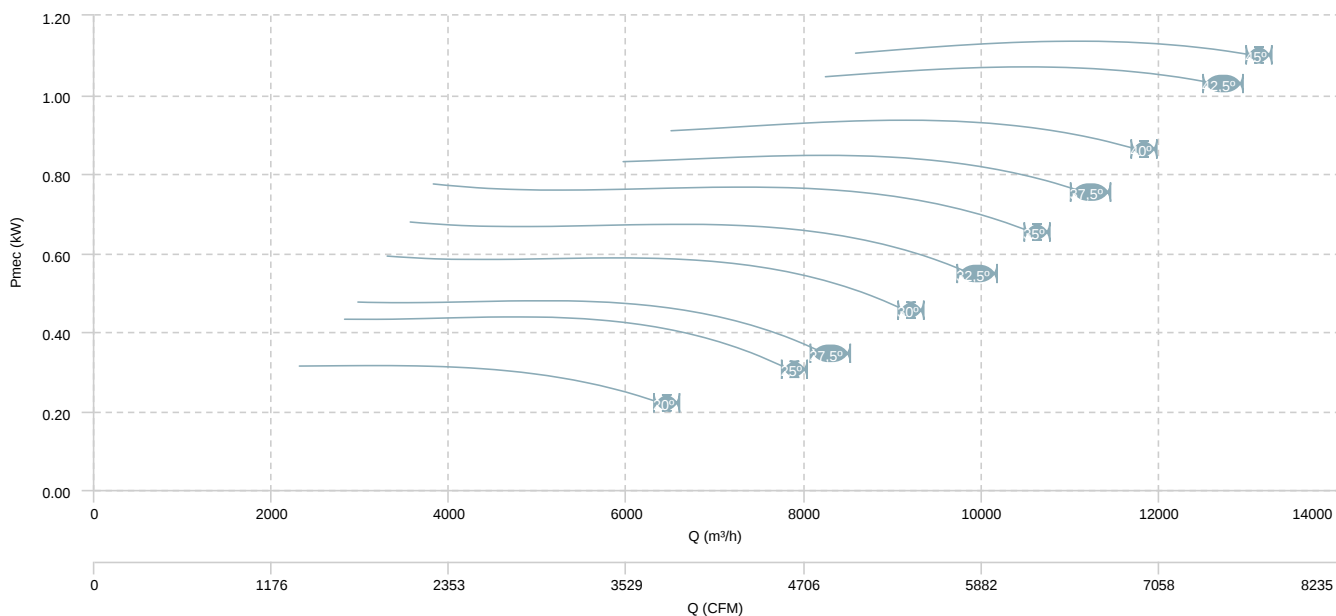


HMXF 56 T4/T8 (A2:6) F300

**AIR FLOW - PRESSURE (4 poles)**

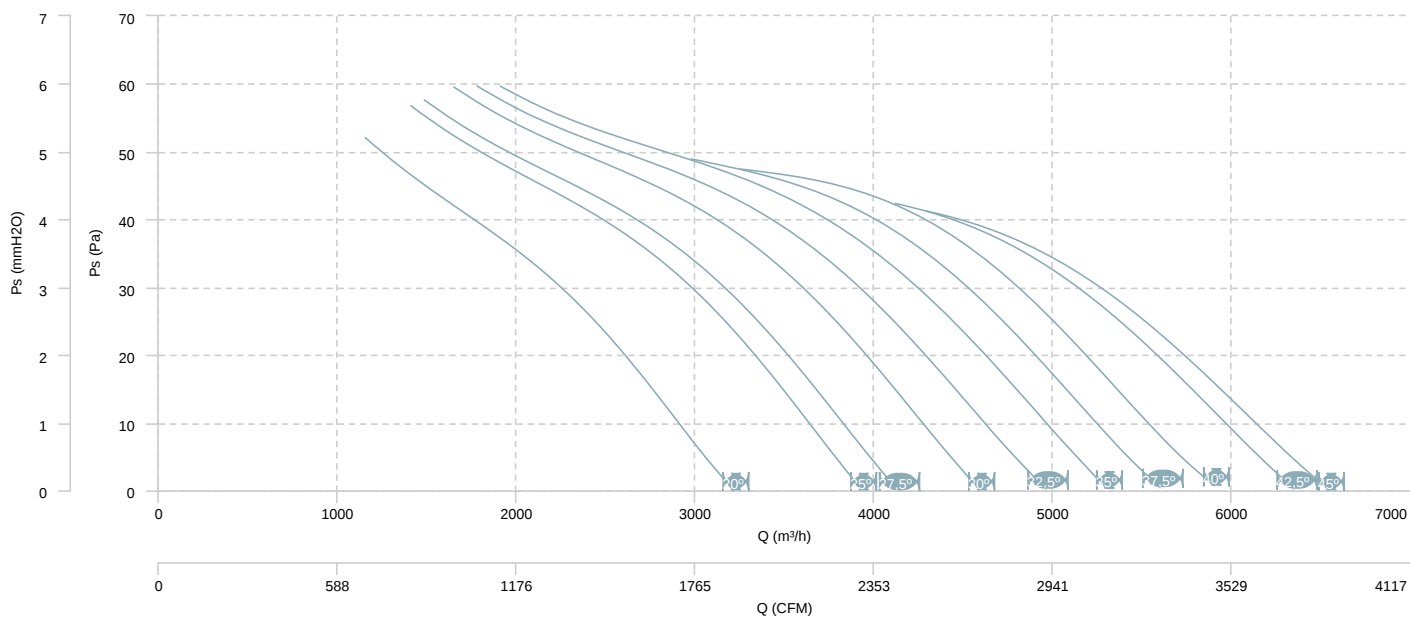


**AIR FLOW - MECHANICAL POWER (4 poles)**

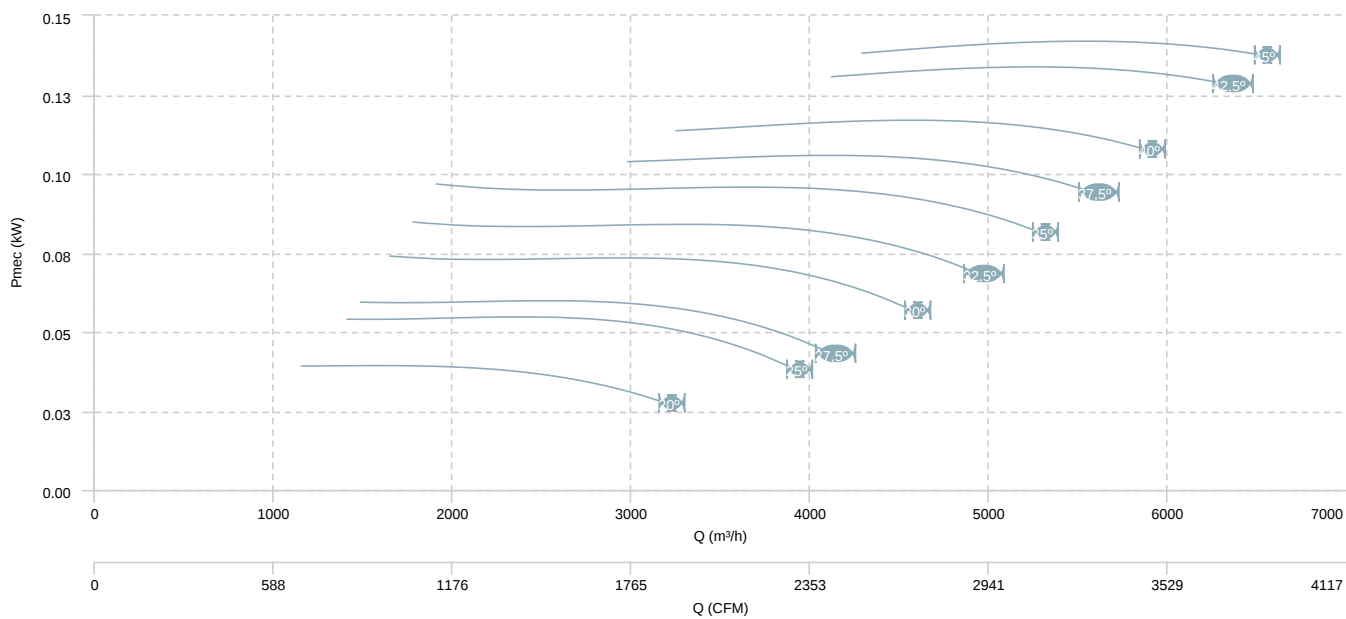


HMXF 56 T4/T8 (A2:6) F300

**AIR FLOW - PRESSURE (8 poles)**

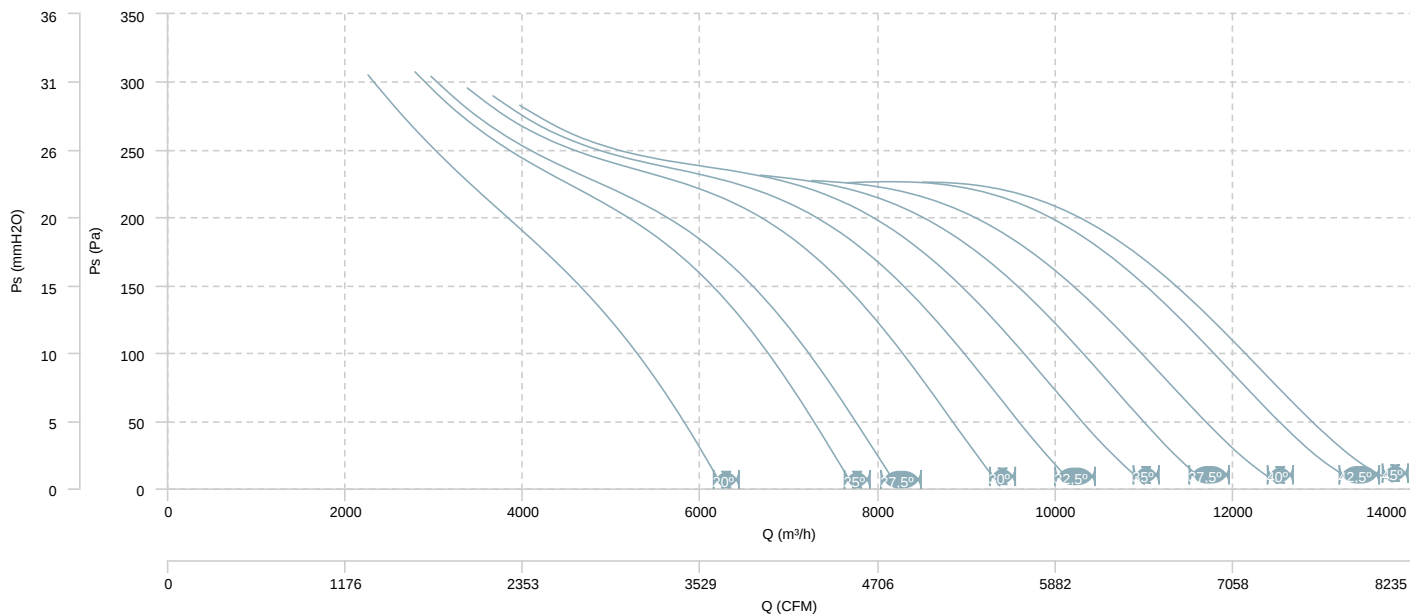


**AIR FLOW - MECHANICAL POWER (8 poles)**

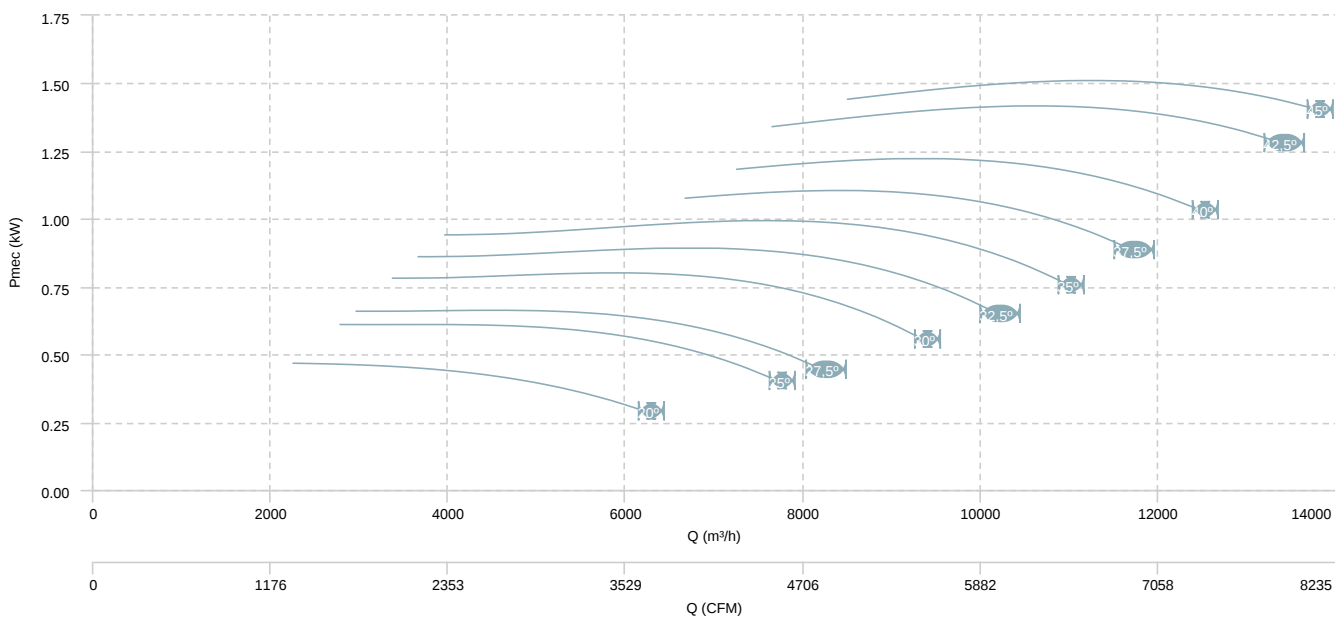


HMXF 56 T4/T8 (A2:9) F300

**AIR FLOW - PRESSURE (4 poles)**

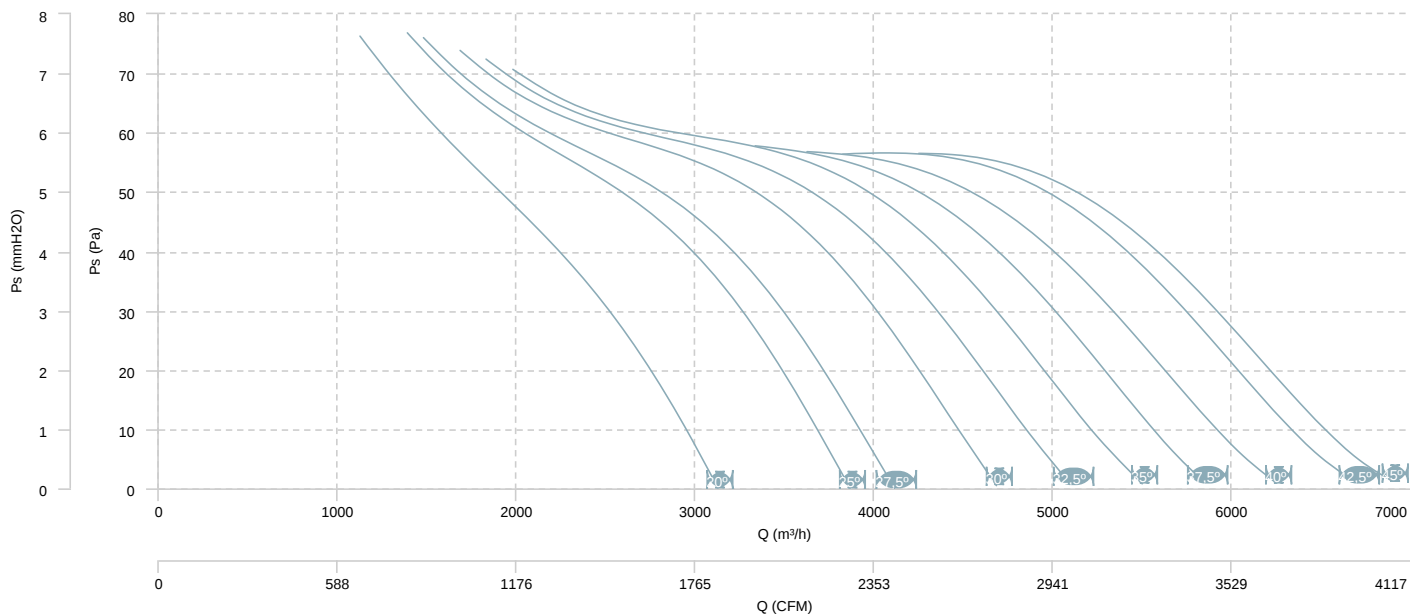


**AIR FLOW - MECHANICAL POWER (4 poles)**

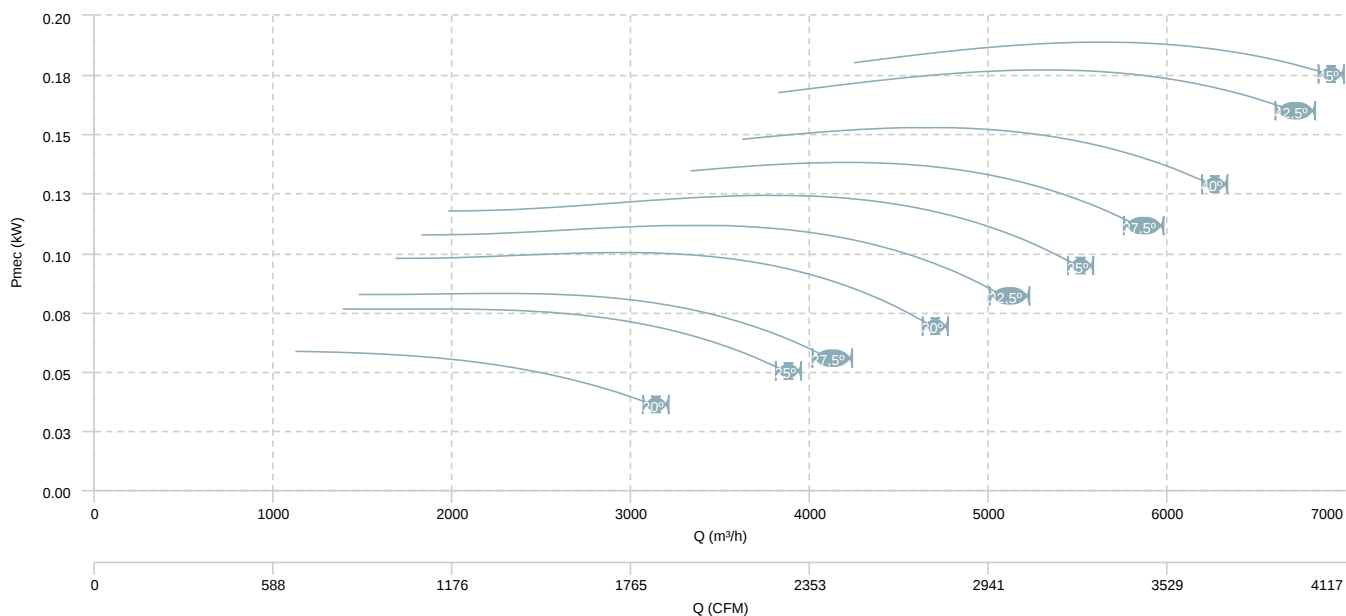


HMXF 56 T4/T8 (A2:9) F300

**AIR FLOW - PRESSURE (8 poles)**

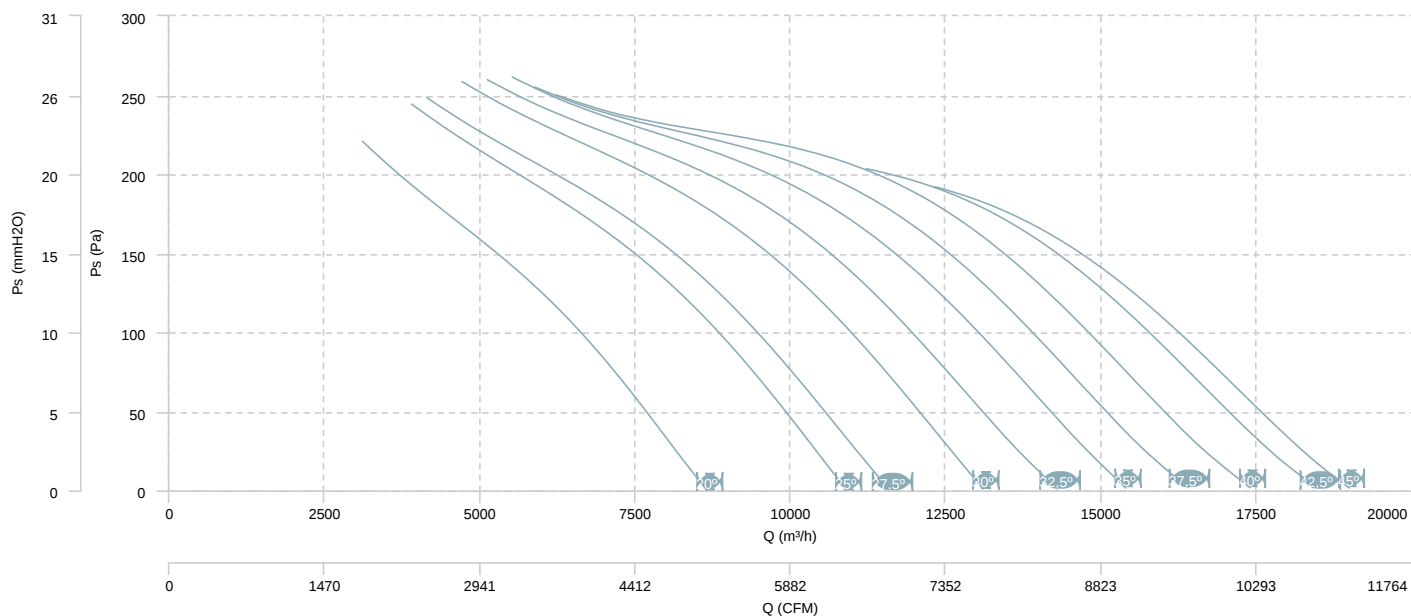


**AIR FLOW - MECHANICAL POWER (8 poles)**

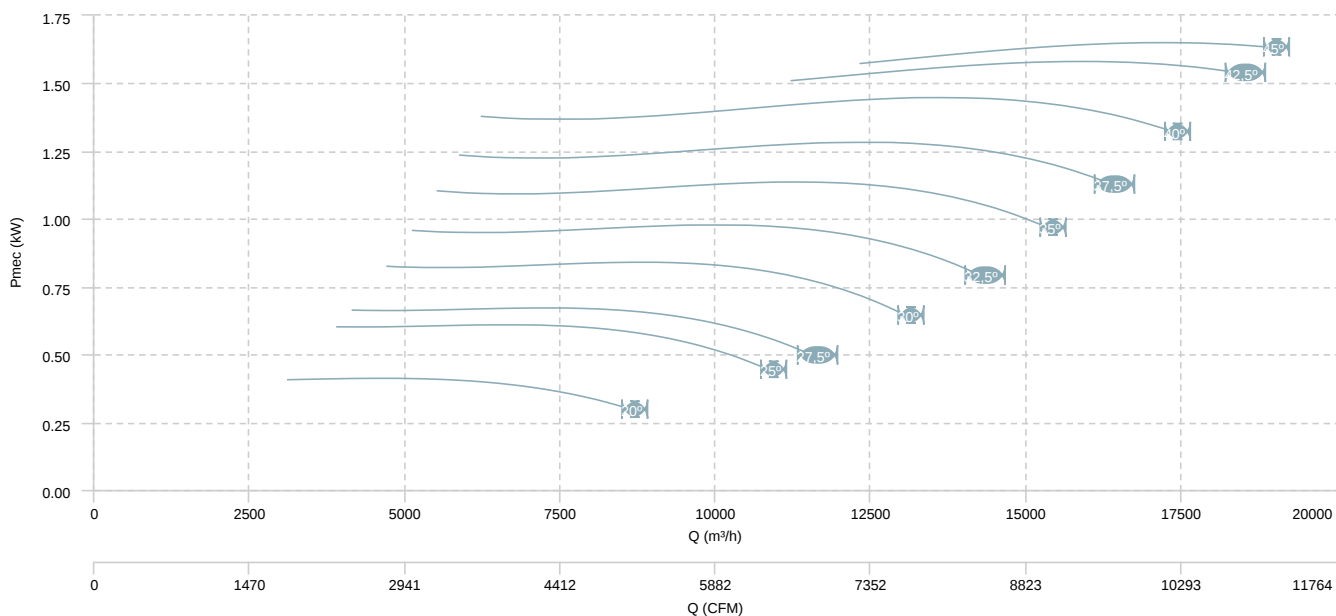


HMFx 63 T4 (A2:6) F300

**AIR FLOW - PRESSURE**

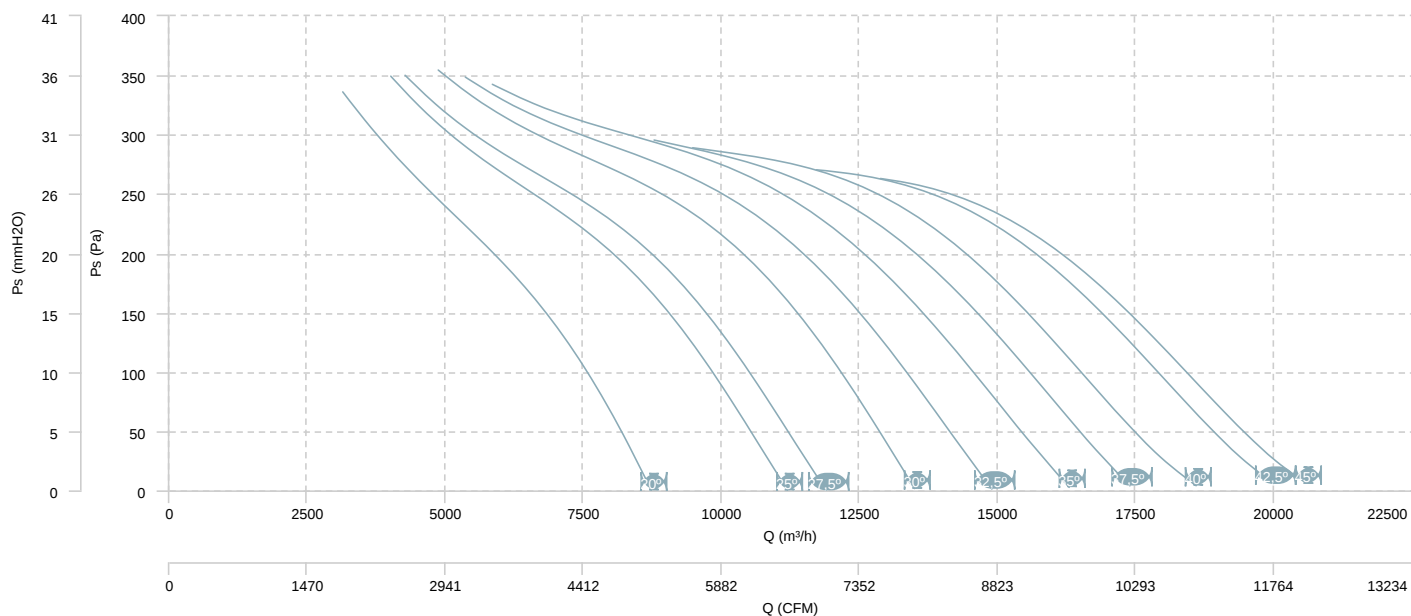


**AIR FLOW - MECHANICAL POWER**

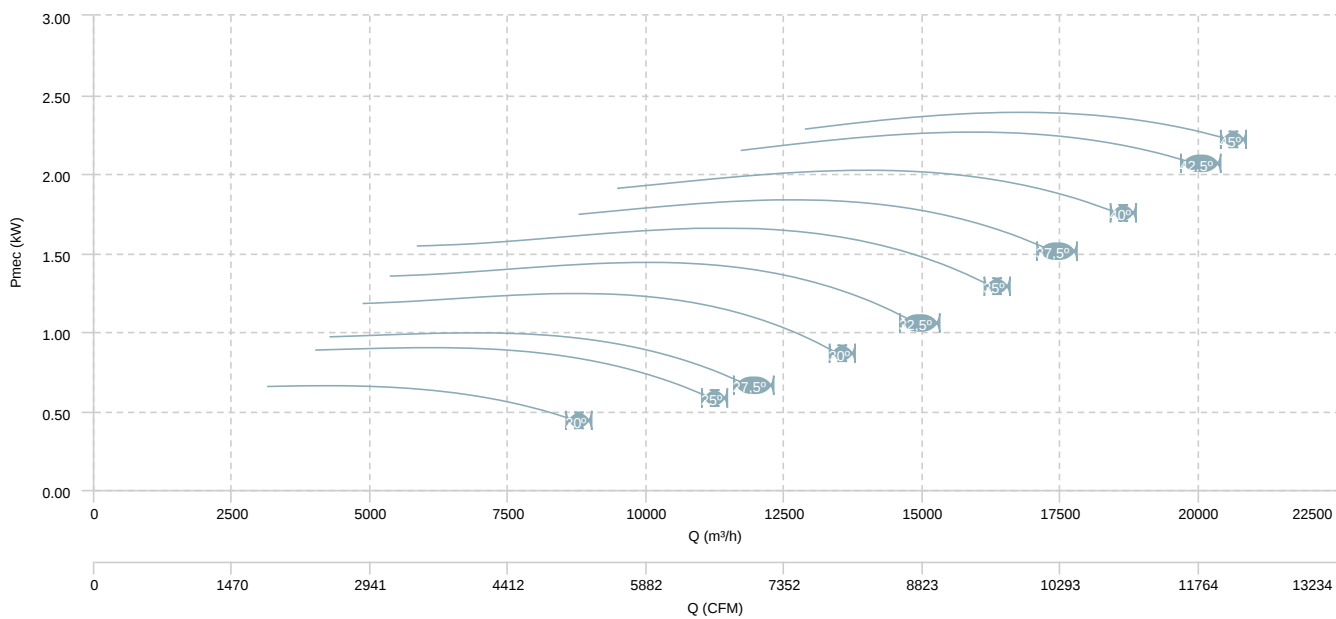


HMXF 63 T4 (A2:9) F300

**AIR FLOW - PRESSURE**

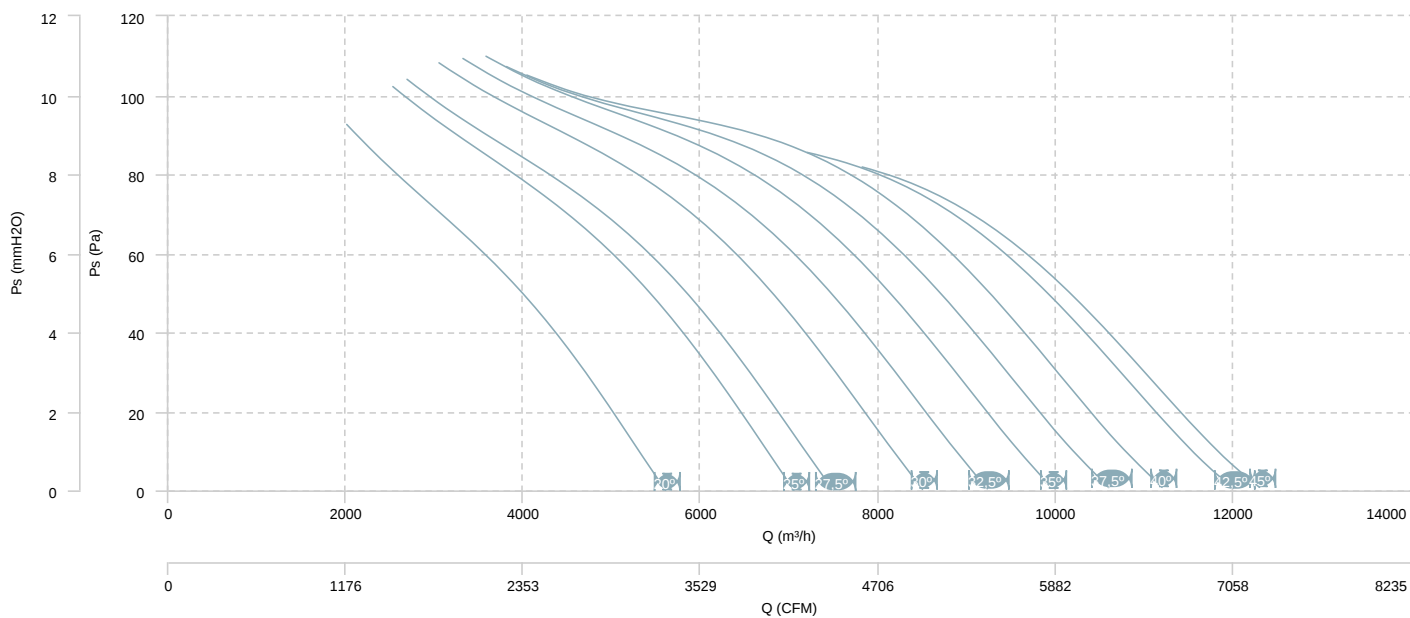


**AIR FLOW - MECHANICAL POWER**

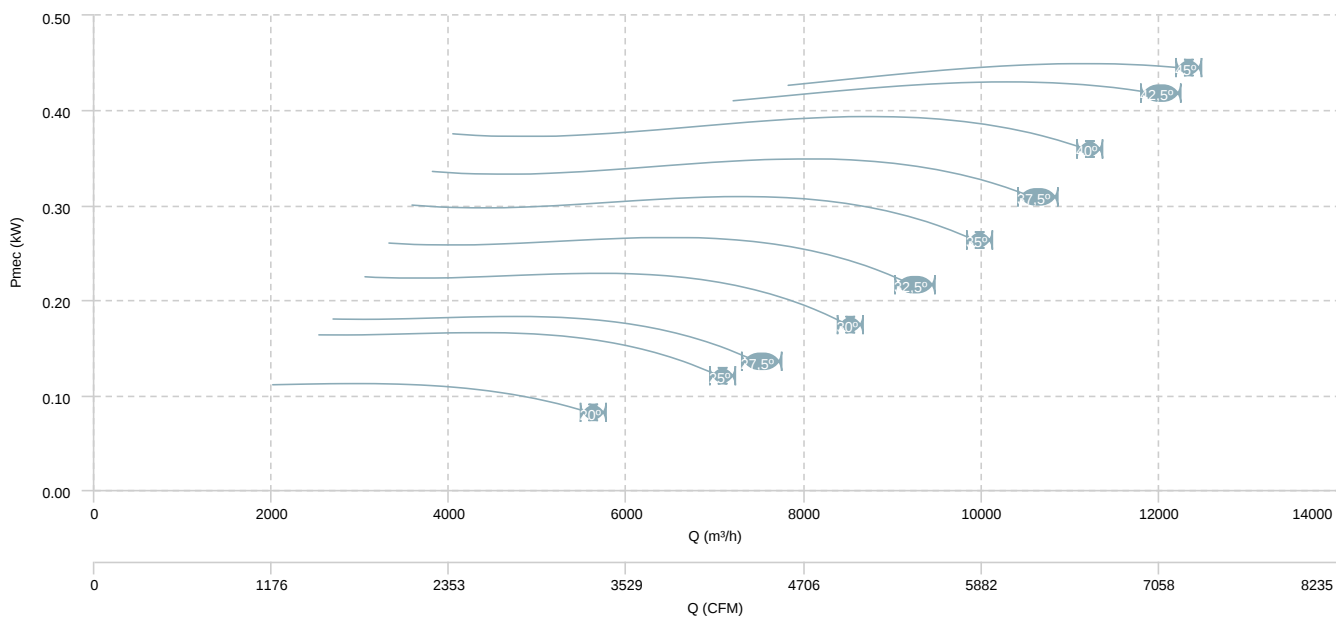


HMXF 63 T6 (A2:6) F300

**AIR FLOW - PRESSURE**

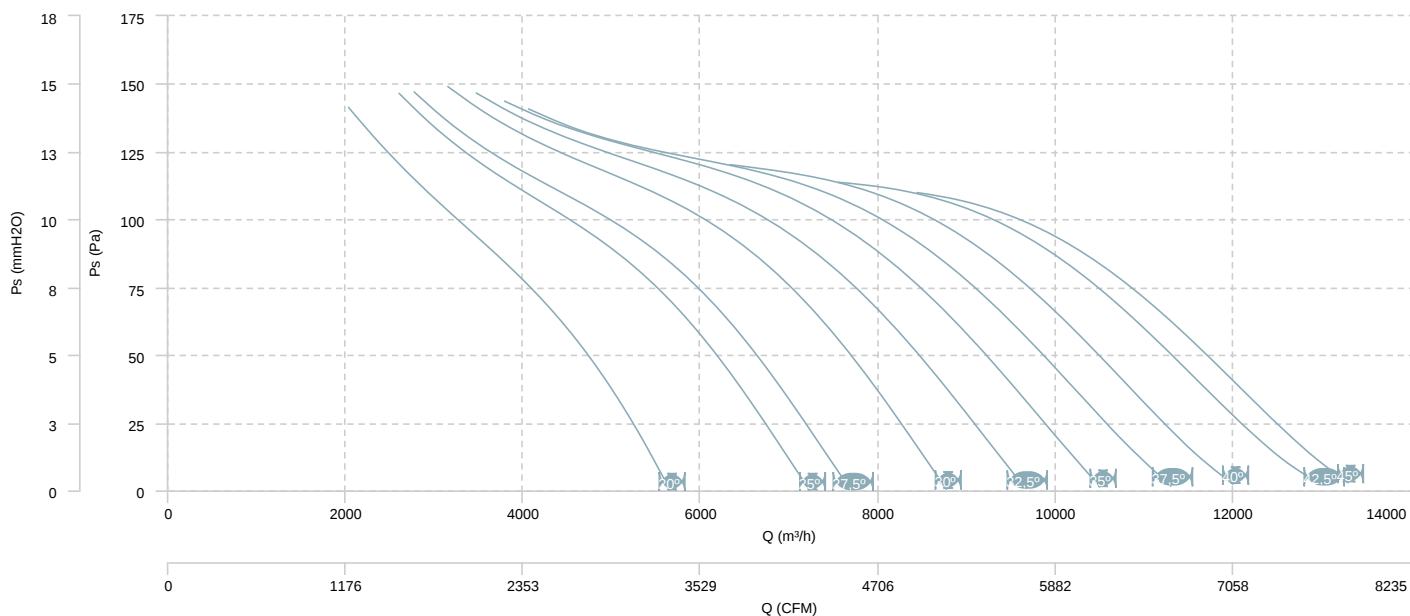


**AIR FLOW - MECHANICAL POWER**

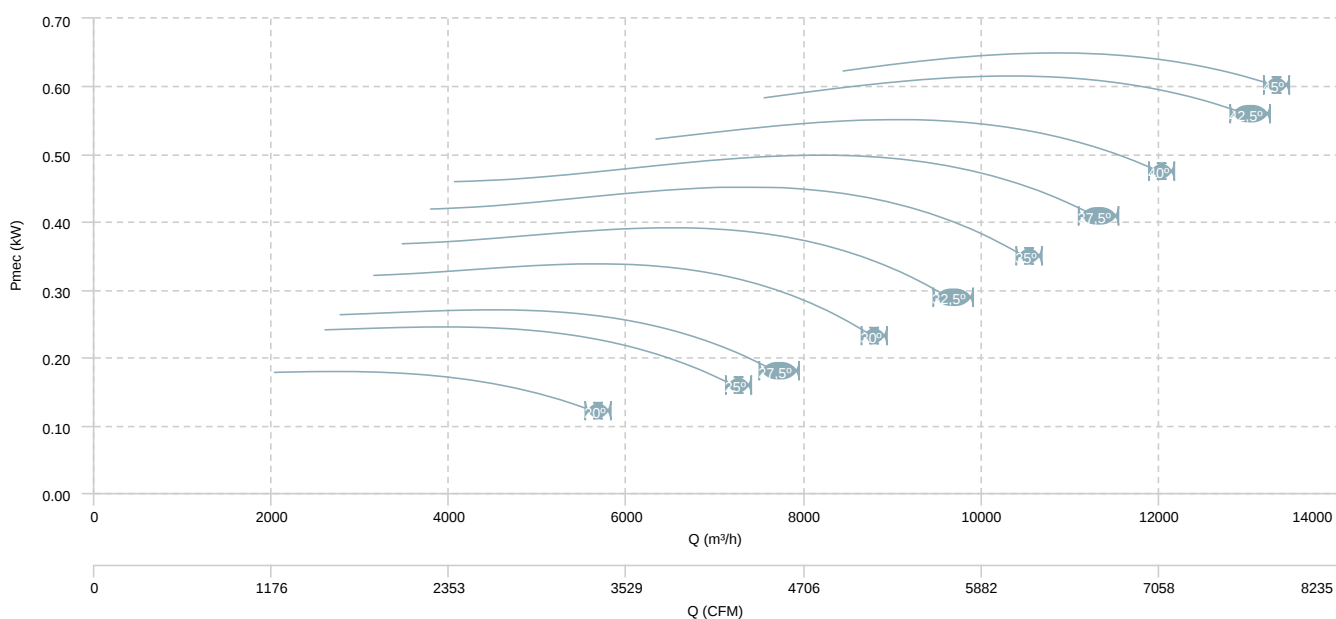


HMXF 63 T6 (A2:9) F300

**AIR FLOW - PRESSURE**

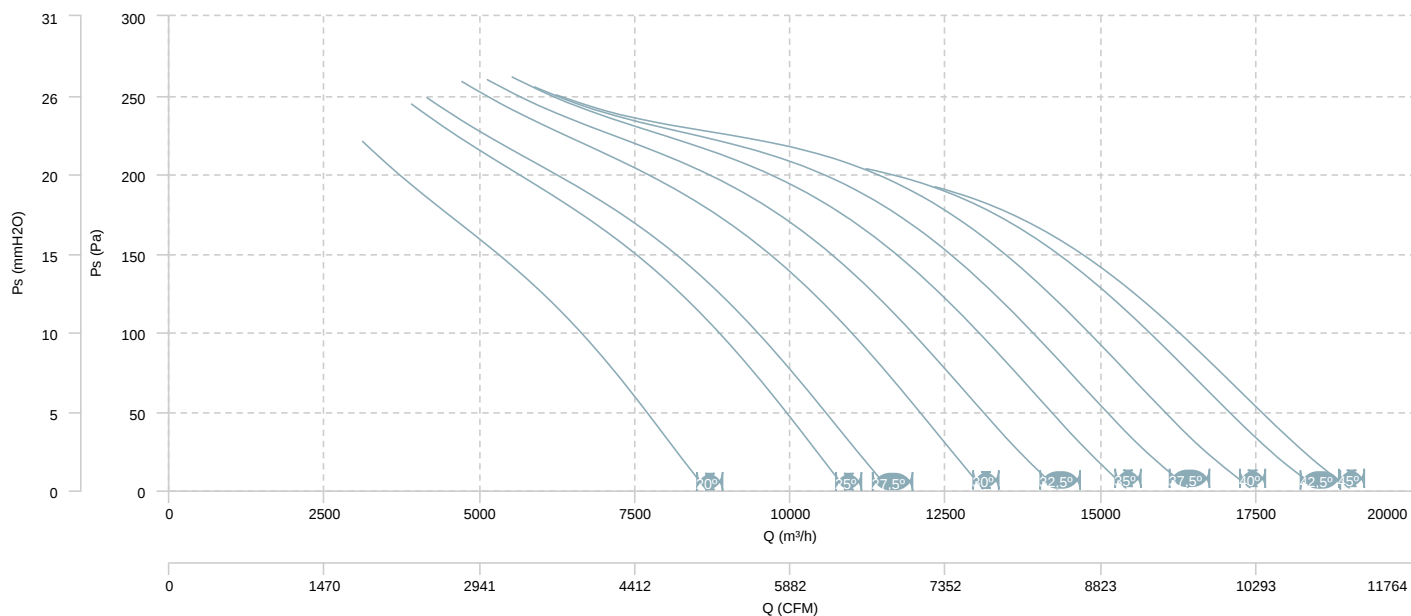


**AIR FLOW - MECHANICAL POWER**

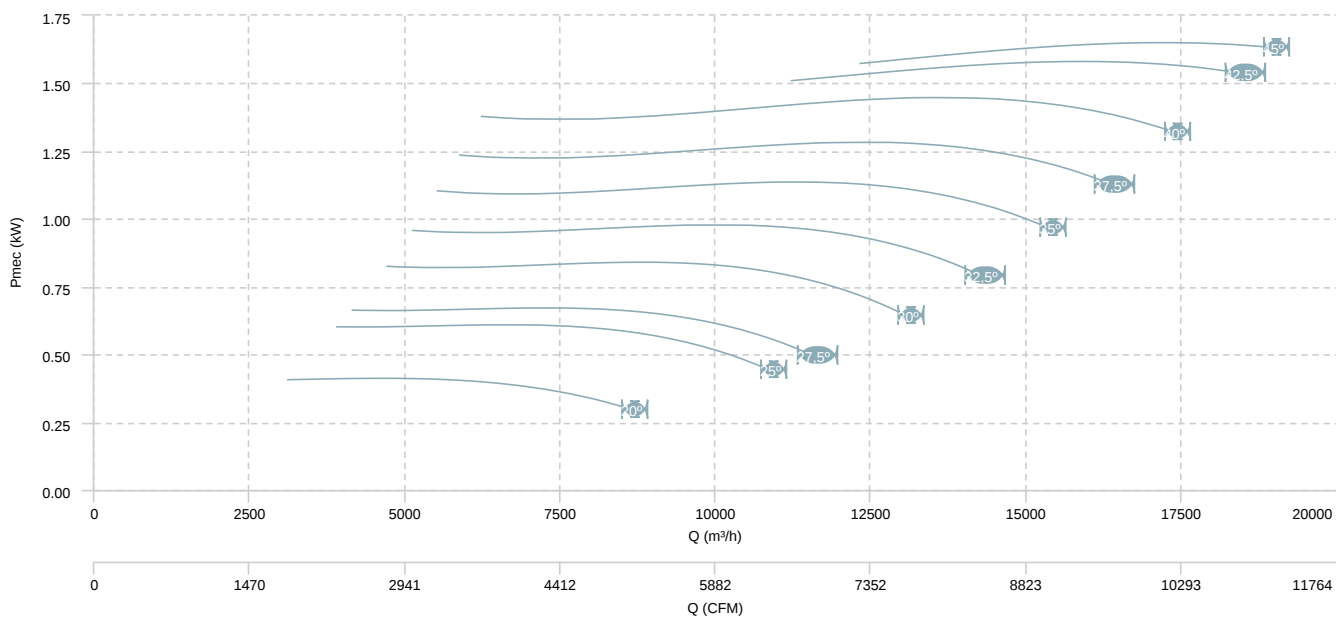


HMFx 63 T4/T6 (A2:6) F300

**AIR FLOW - PRESSURE (4 poles)**

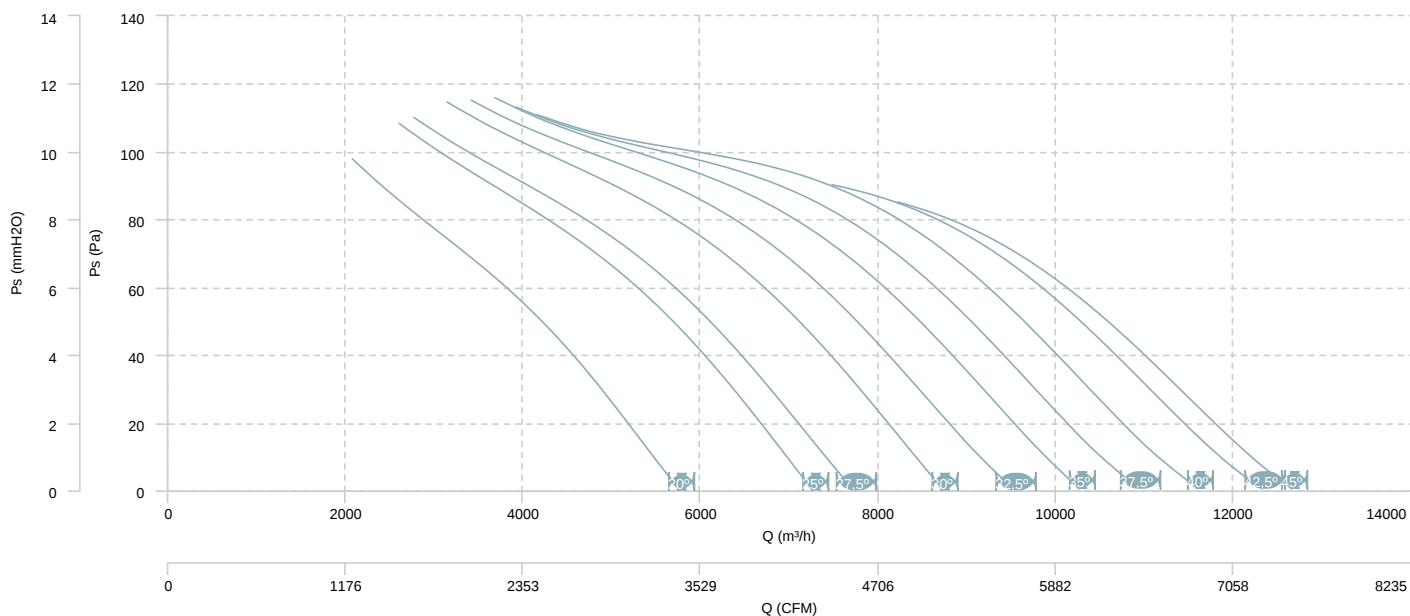


**AIR FLOW - MECHANICAL POWER (4 poles)**

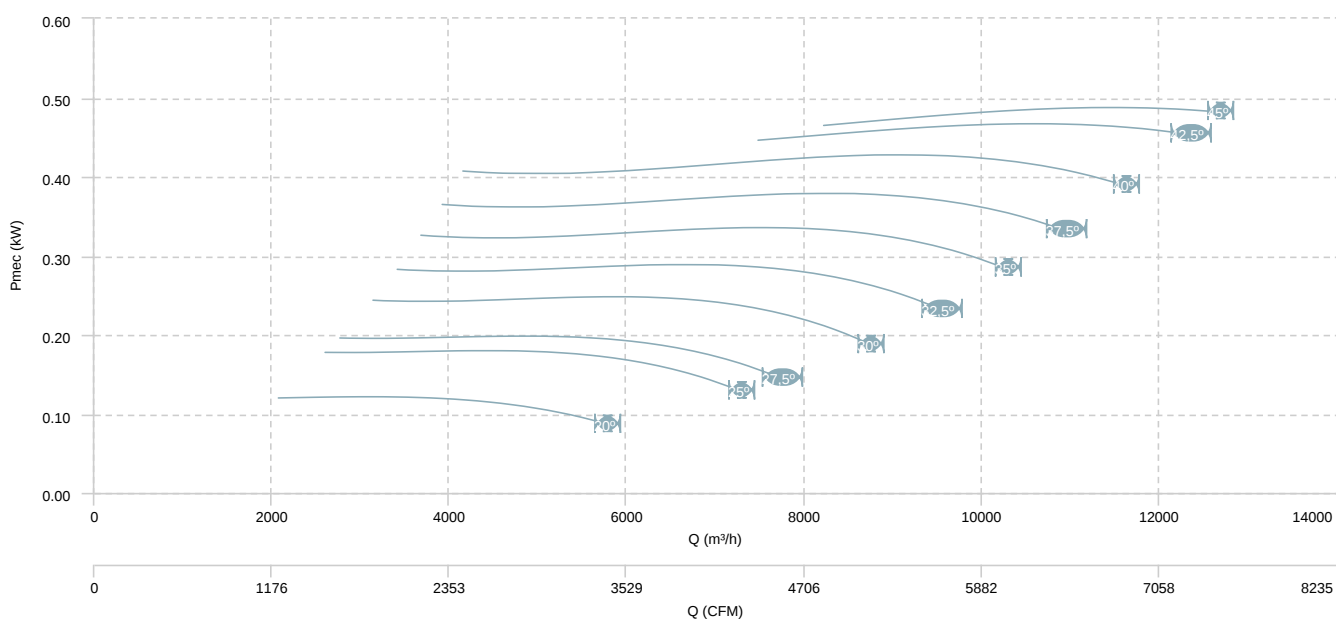


HMFx 63 T4/T6 (A2:6) F300

**AIR FLOW - PRESSURE (6 poles)**

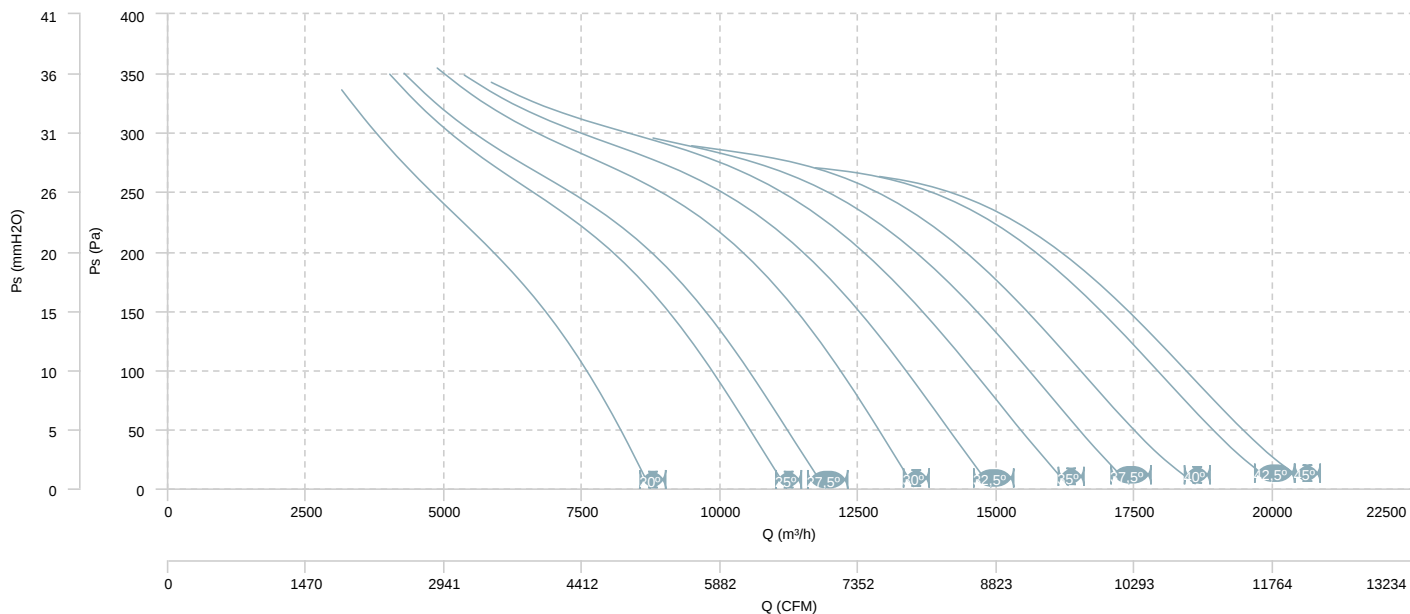


**AIR FLOW - MECHANICAL POWER (6 poles)**

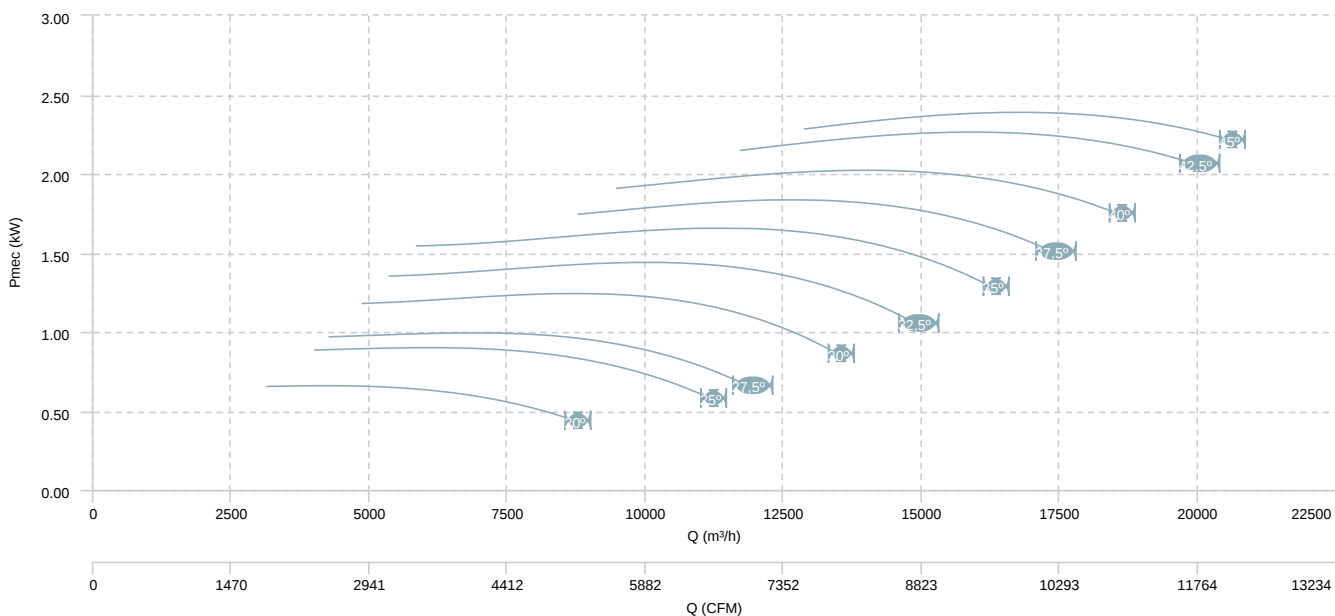


HMFx 63 T4/T6 (A2:9) F300

**AIR FLOW - PRESSURE (4 poles)**

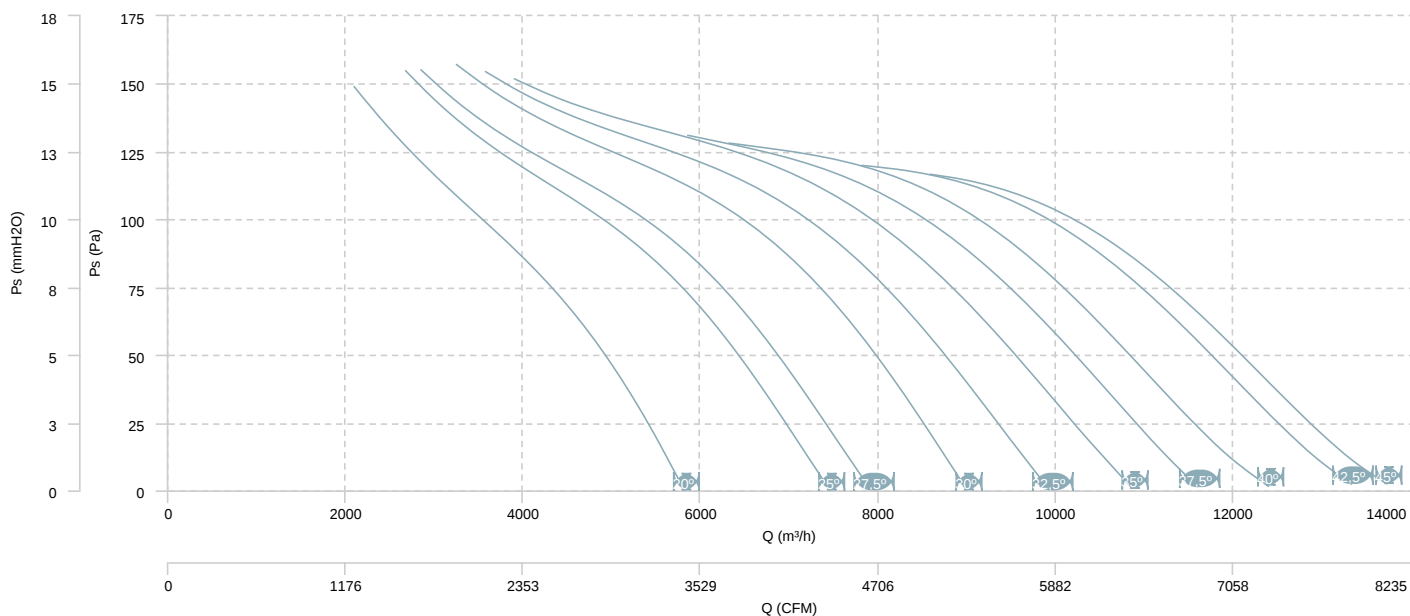


**AIR FLOW - MECHANICAL POWER (4 poles)**

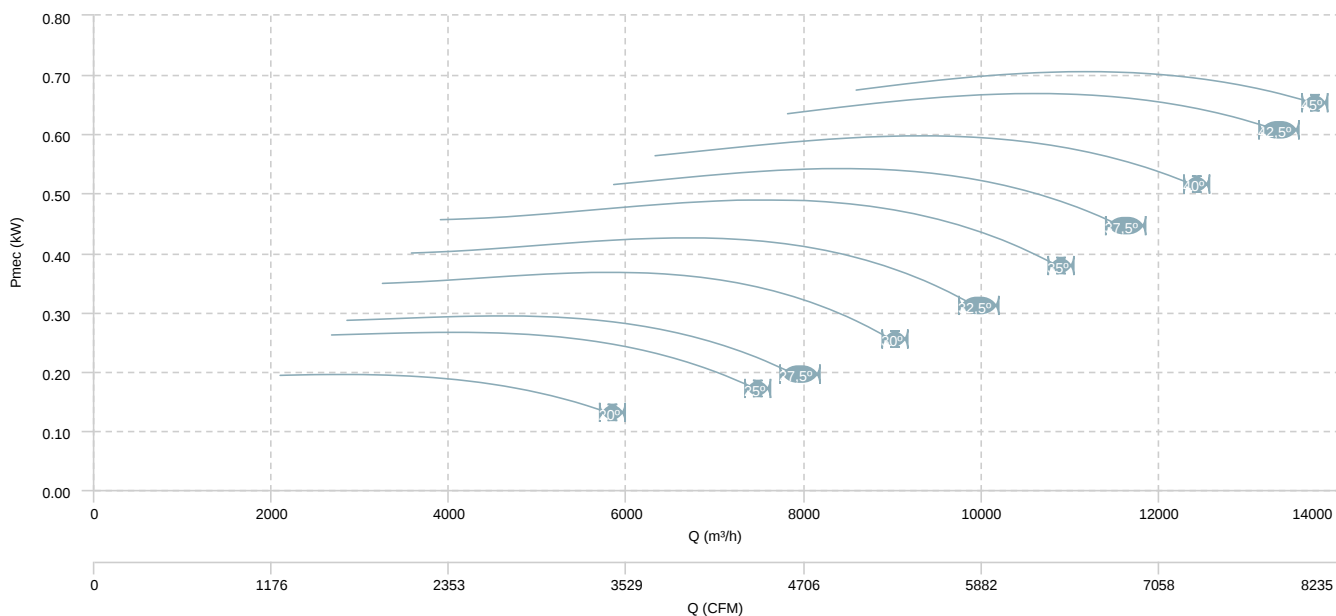


HMXF 63 T4/T6 (A2:9) F300

**AIR FLOW - PRESSURE (6 poles)**

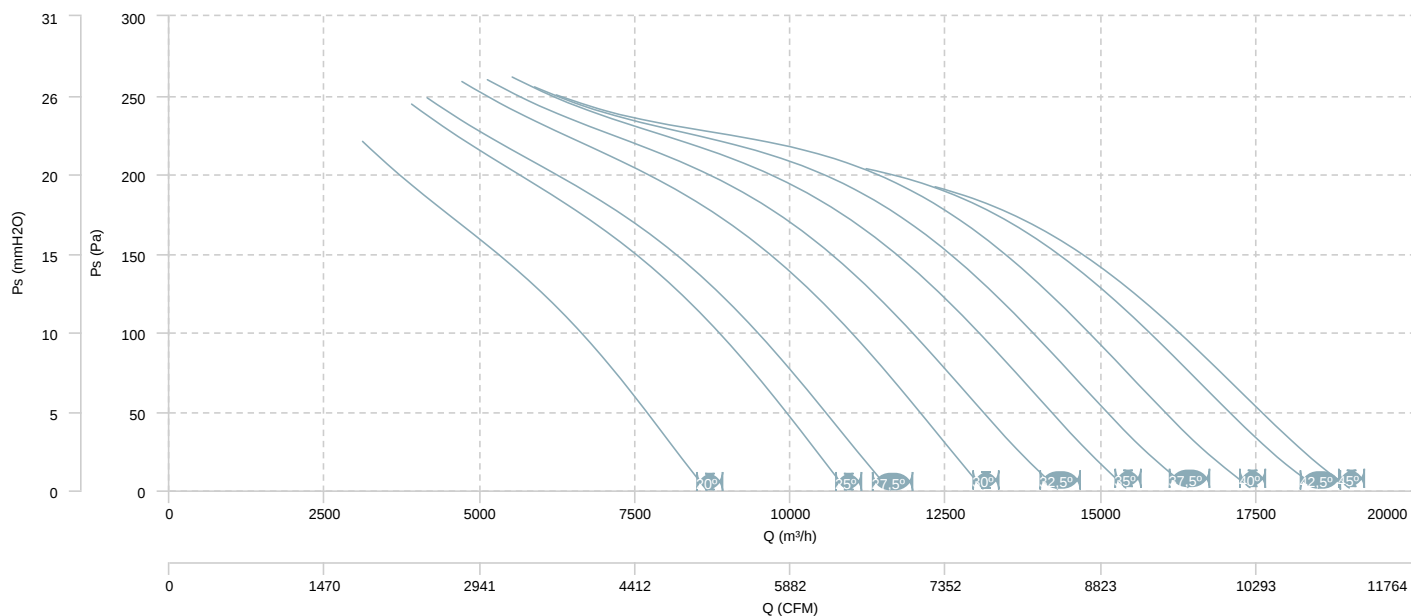


**AIR FLOW - MECHANICAL POWER (6 poles)**

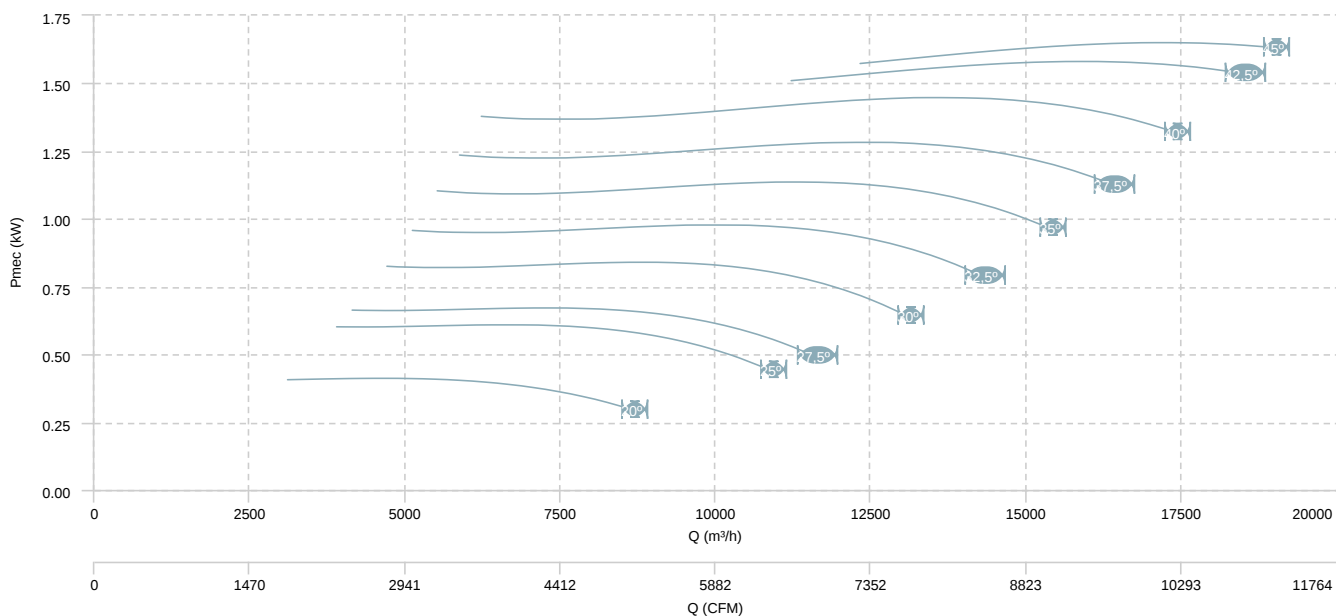


HMXF 63 T4/T8 (A2:6) F300

**AIR FLOW - PRESSURE (4 poles)**

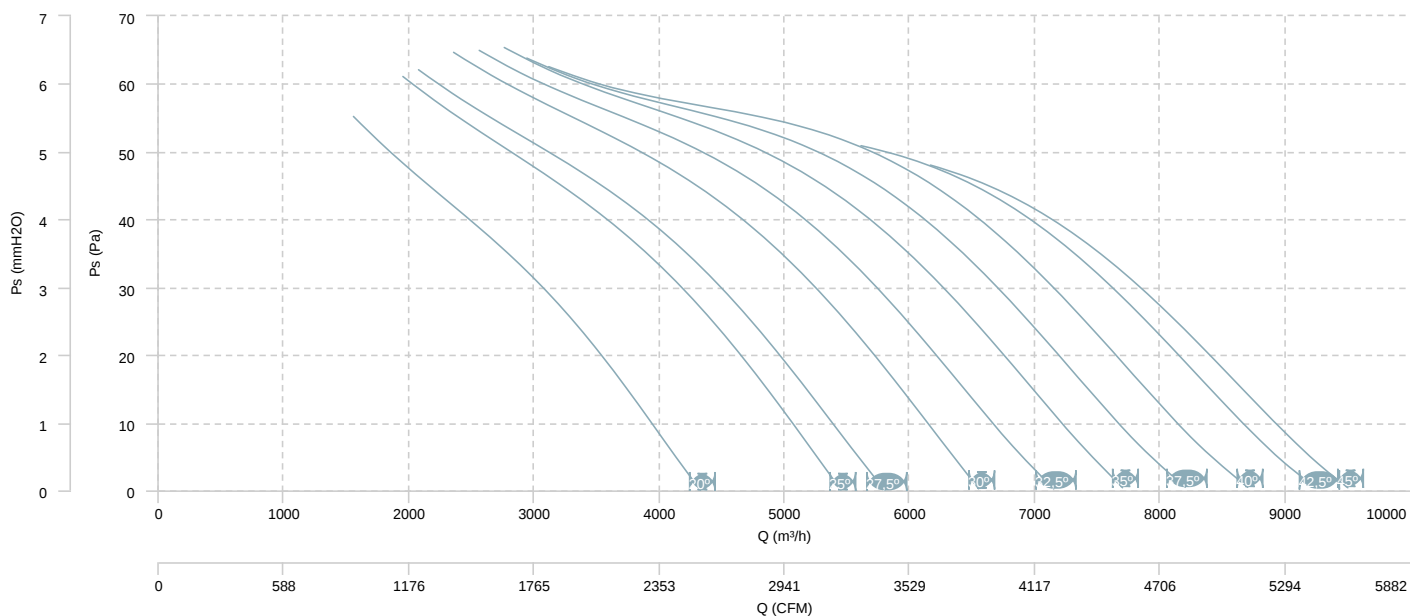


**AIR FLOW - MECHANICAL POWER (4 poles)**

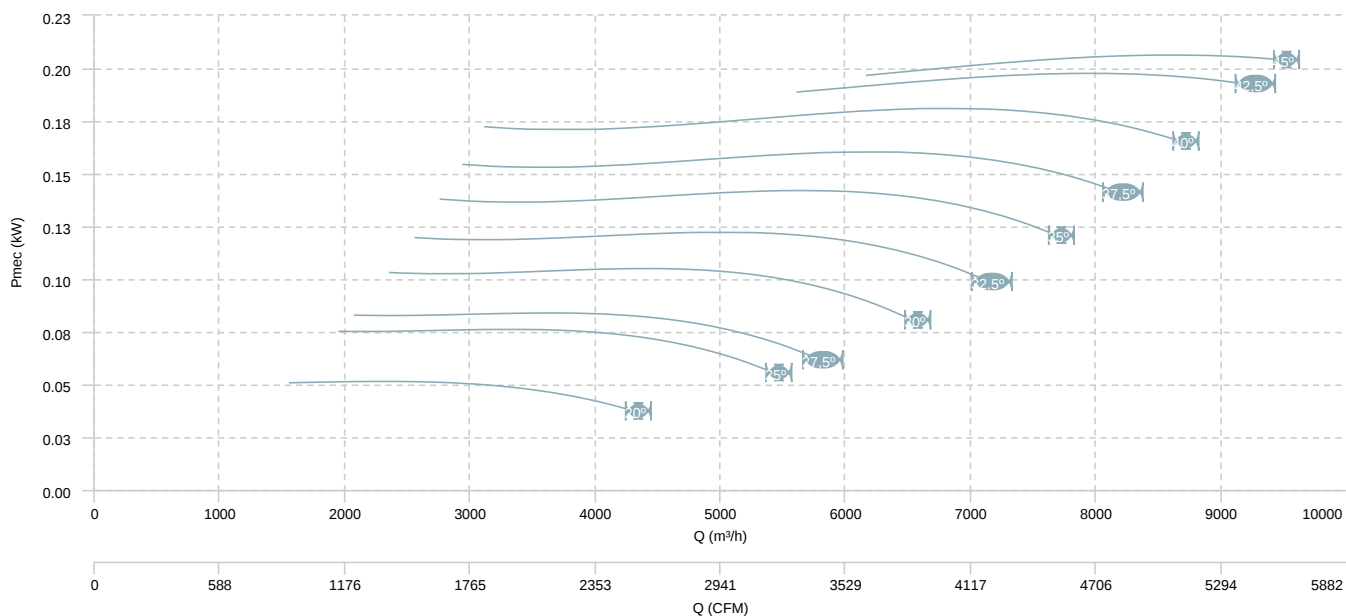


**HMXF 63 T4/T8 (A2:6) F300**

**AIR FLOW - PRESSURE (8 poles)**

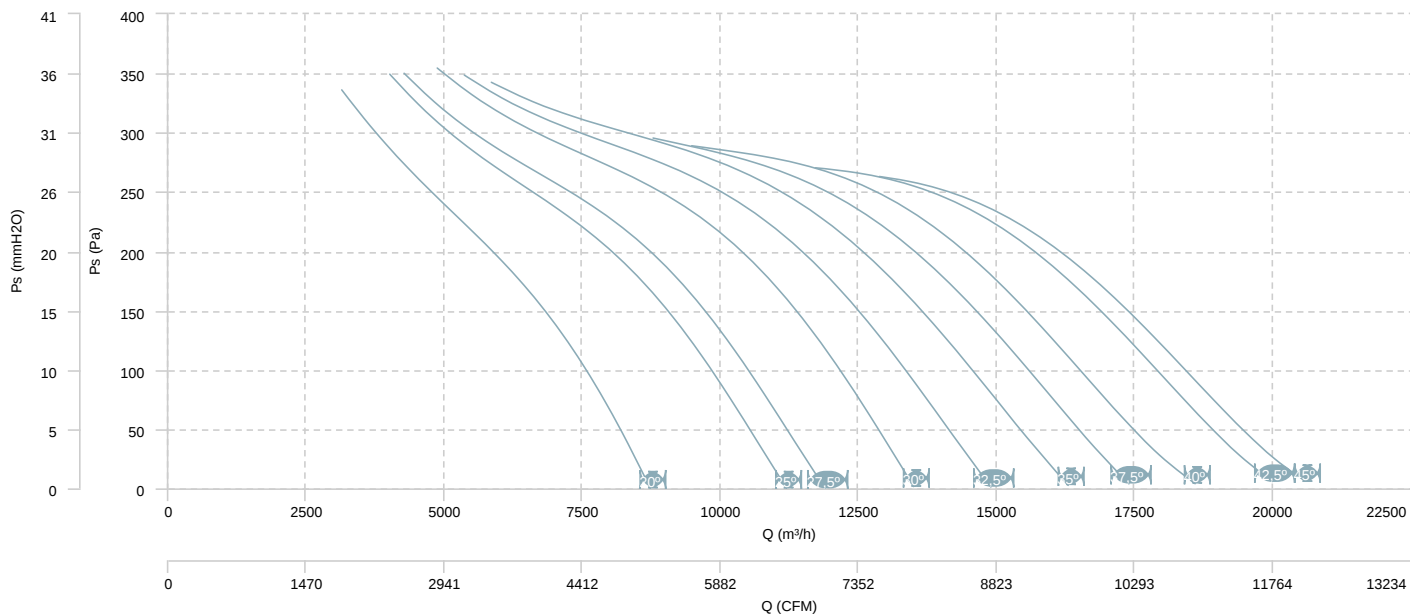


**AIR FLOW - MECHANICAL POWER (8 poles)**

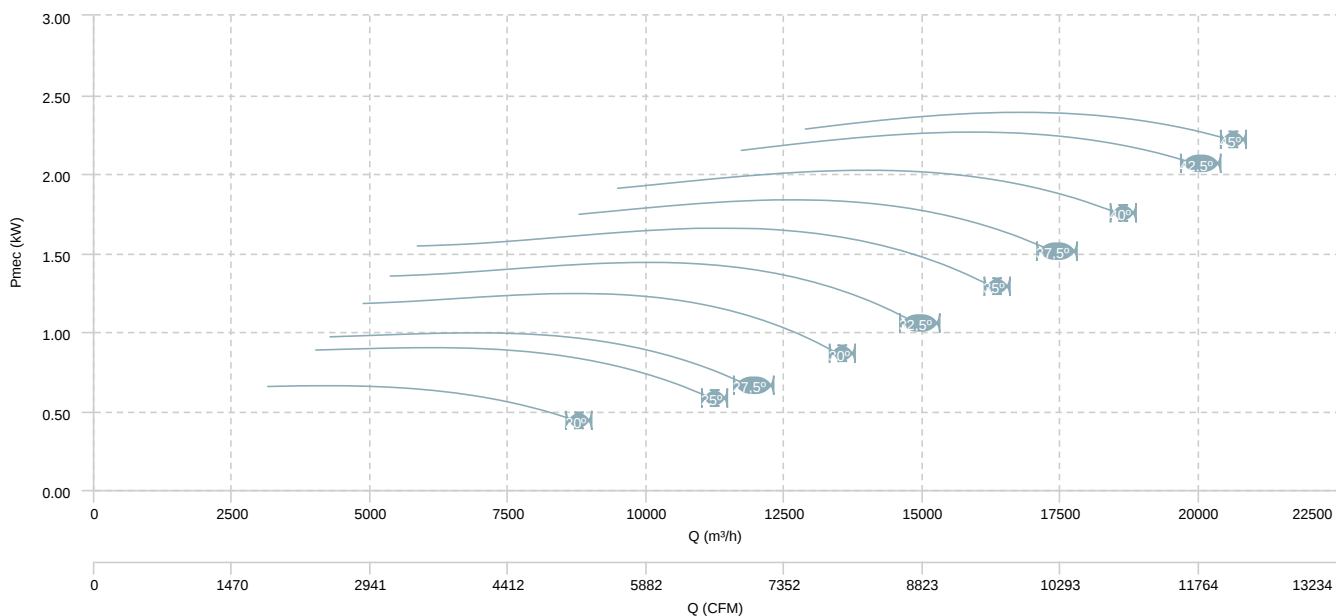


HMFx 63 T4/T8 (A2:9) F300

**AIR FLOW - PRESSURE (4 poles)**

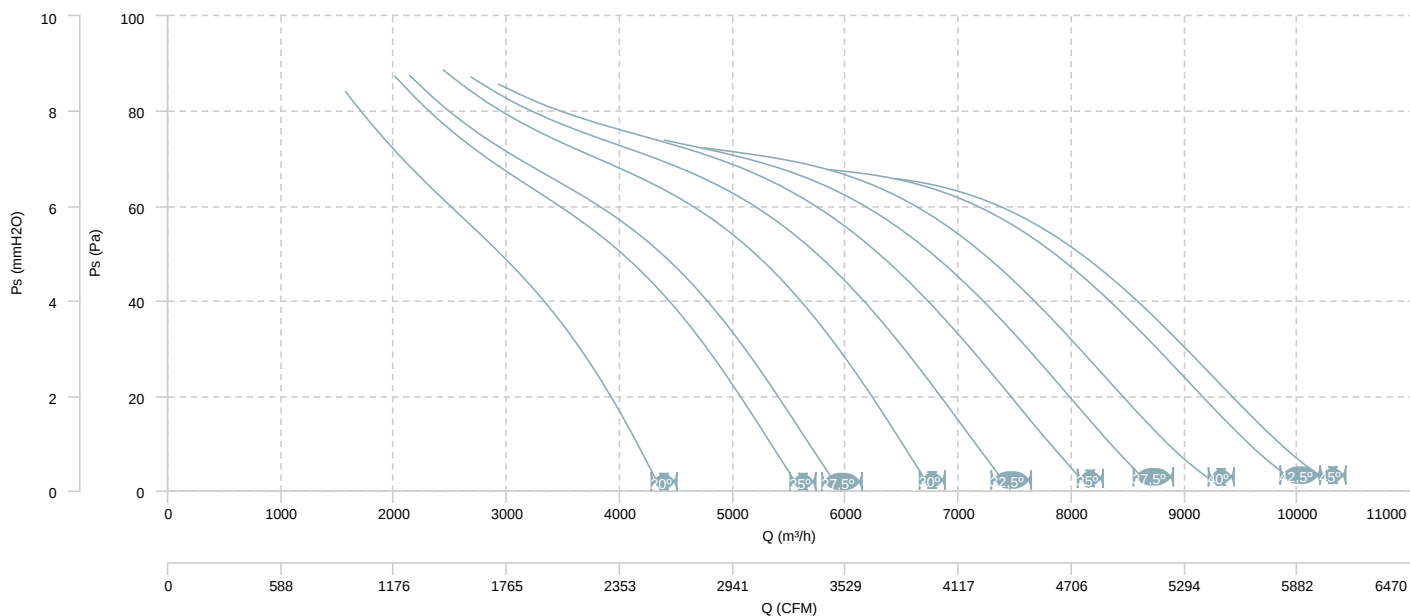


**AIR FLOW - MECHANICAL POWER (4 poles)**

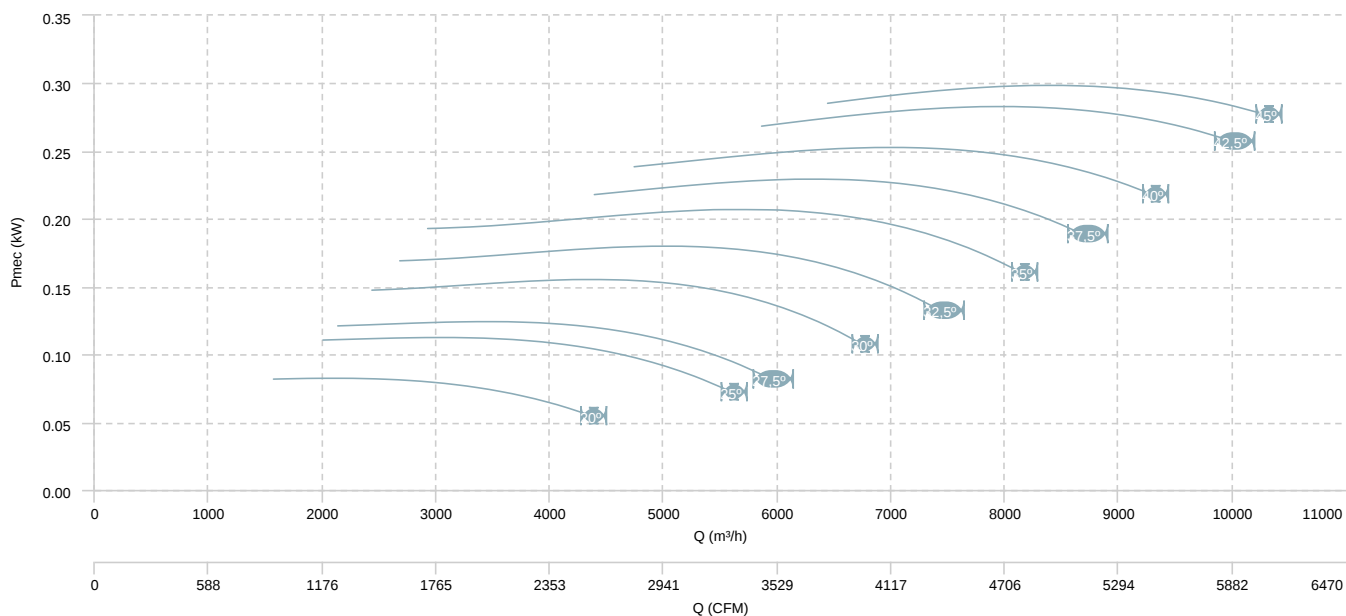


HMFx 63 T4/T8 (A2:9) F300

**AIR FLOW - PRESSURE (8 poles)**

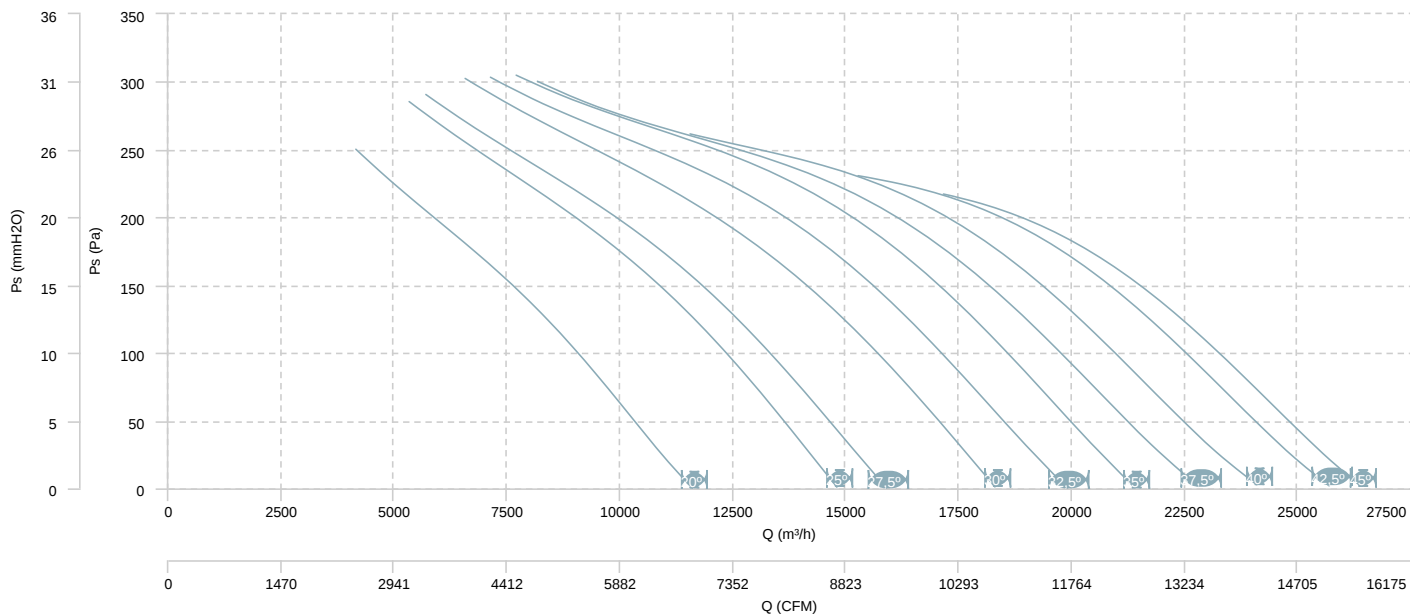


**AIR FLOW - MECHANICAL POWER (8 poles)**

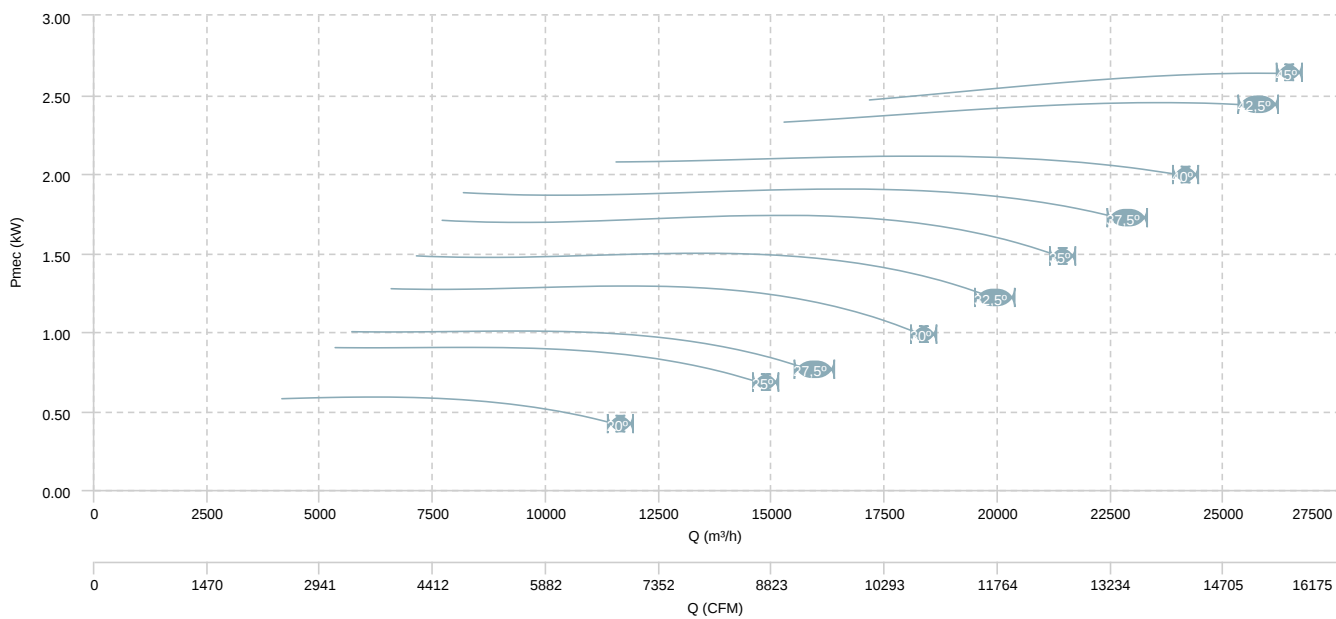


HMFx 71 T4 (A2:6) F300

**AIR FLOW - PRESSURE**

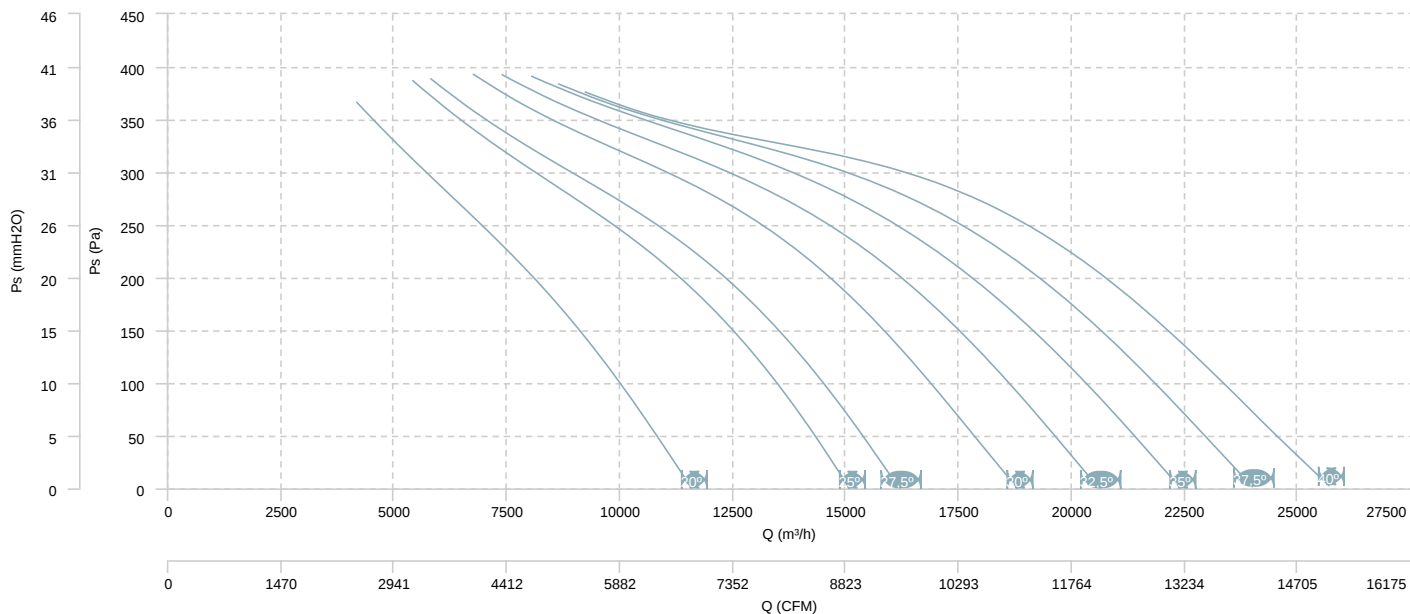


**AIR FLOW - MECHANICAL POWER**

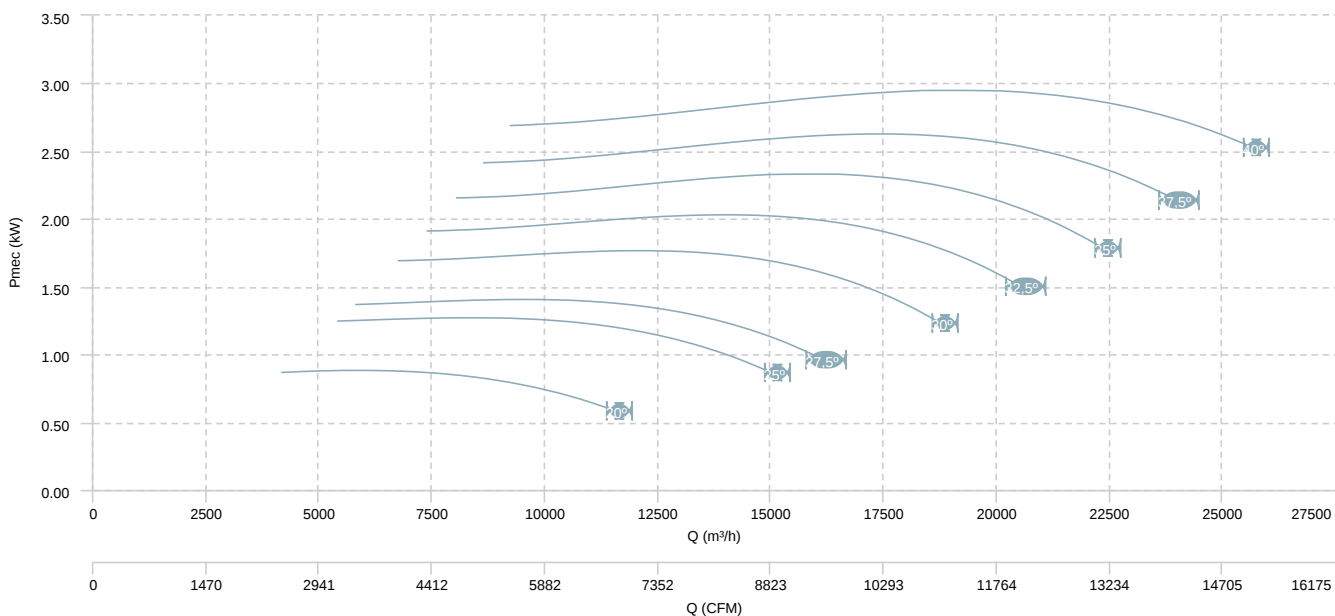


HMXF 71 T4 (A2:9) F300

AIR FLOW - PRESSURE

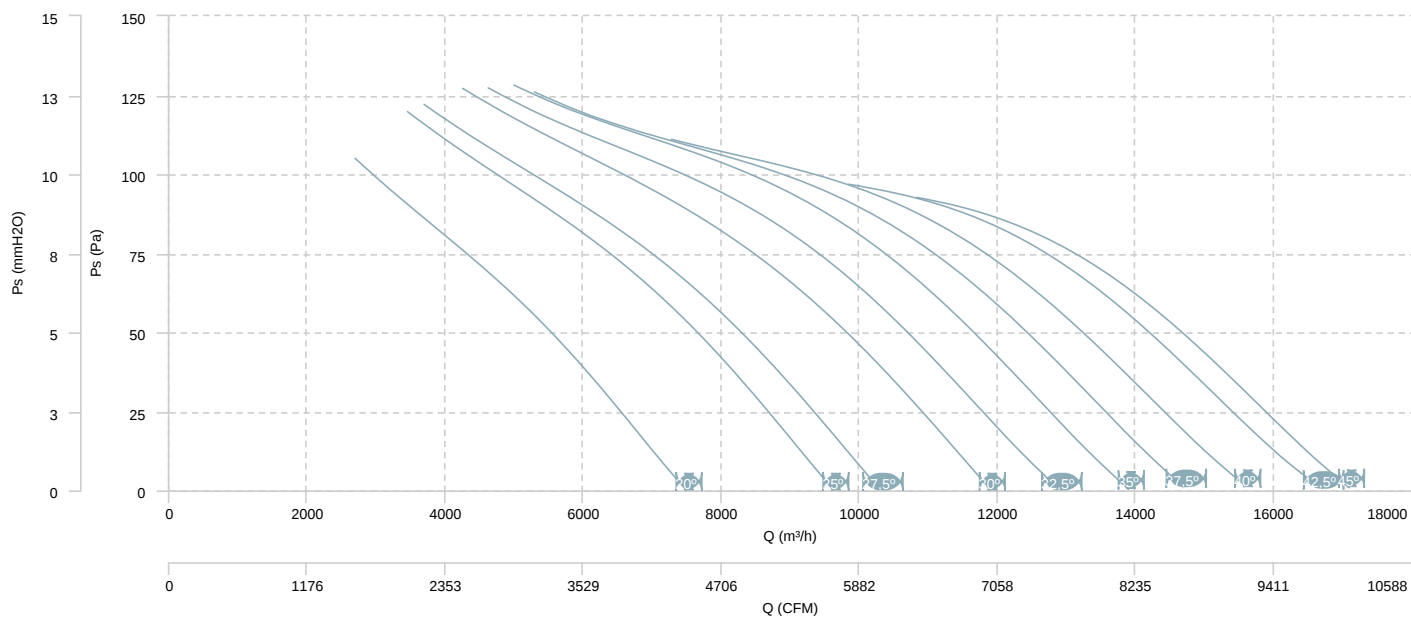


AIR FLOW - MECHANICAL POWER

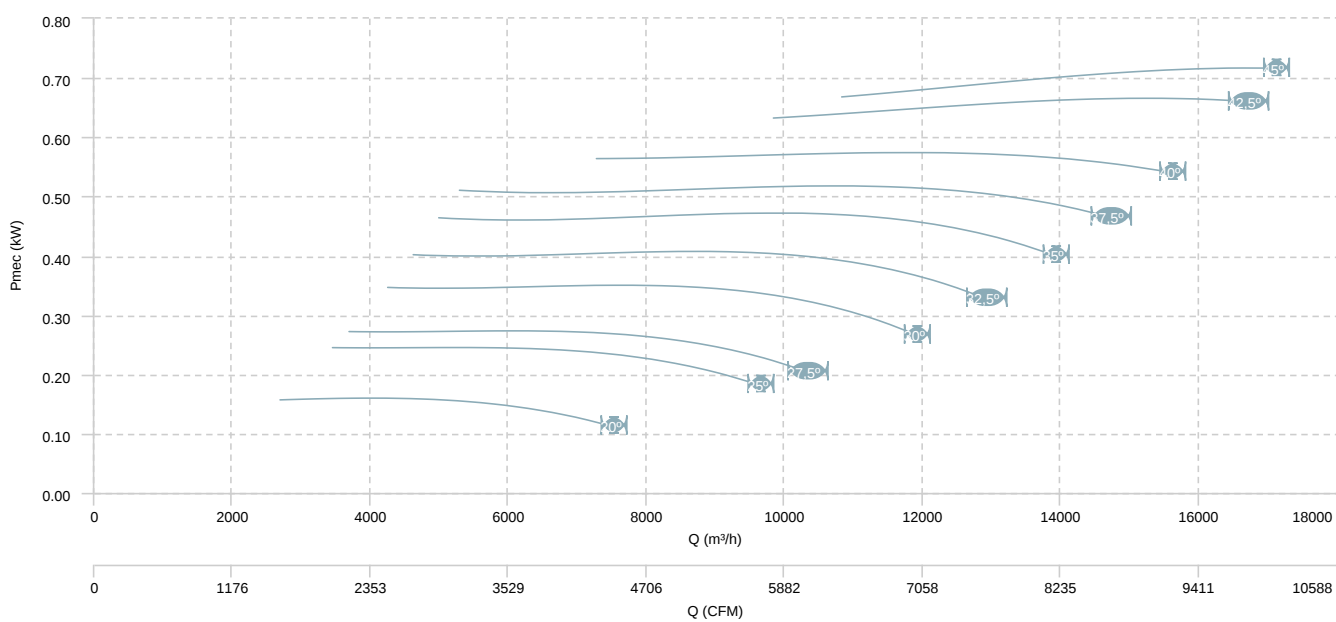


HMXF 71 T6 (A2:6) F300

**AIR FLOW - PRESSURE**

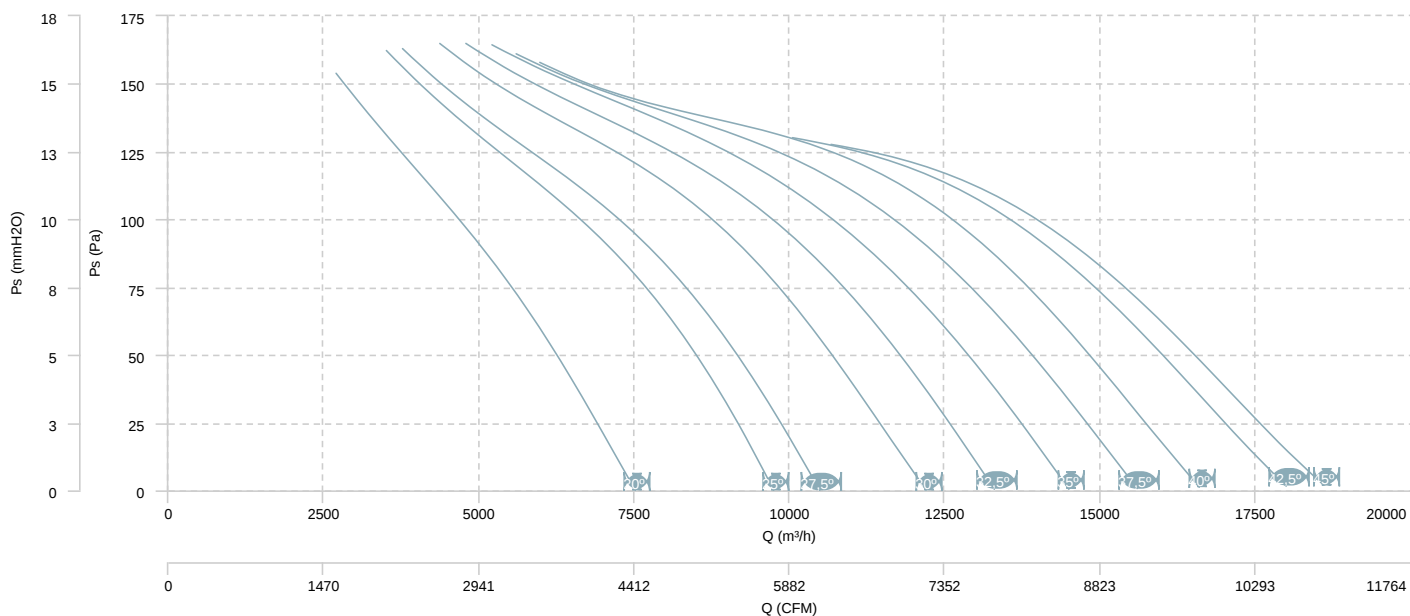


**AIR FLOW - MECHANICAL POWER**

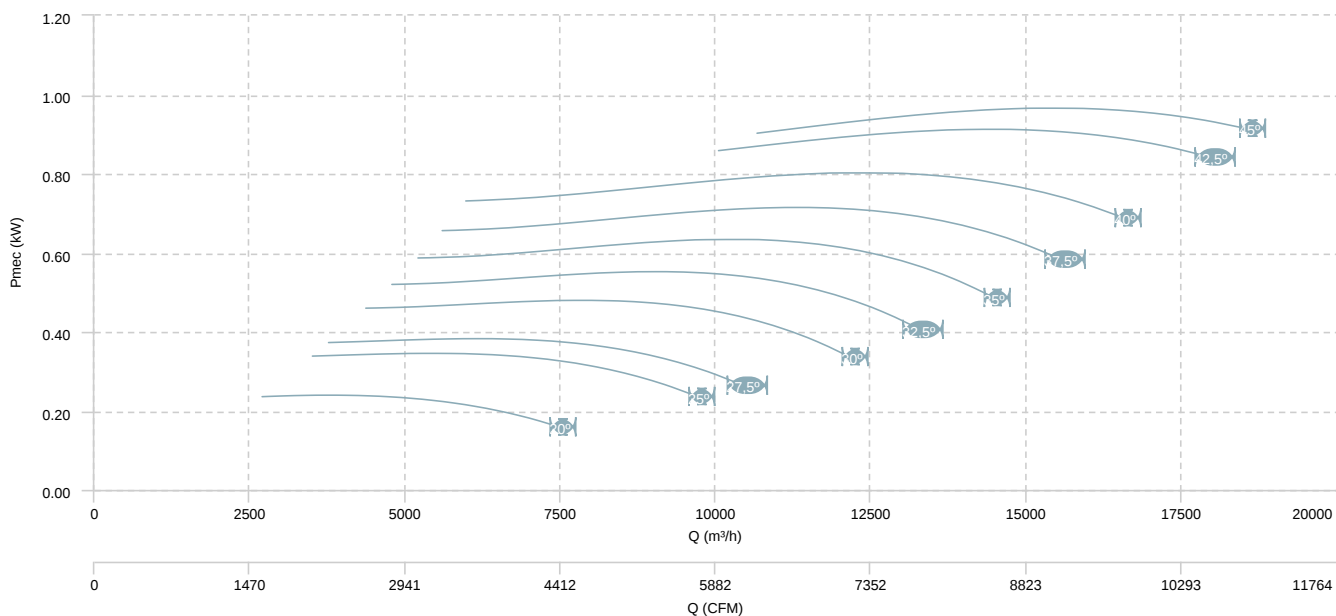


HMXF 71 T6 (A2:9) F300

**AIR FLOW - PRESSURE**

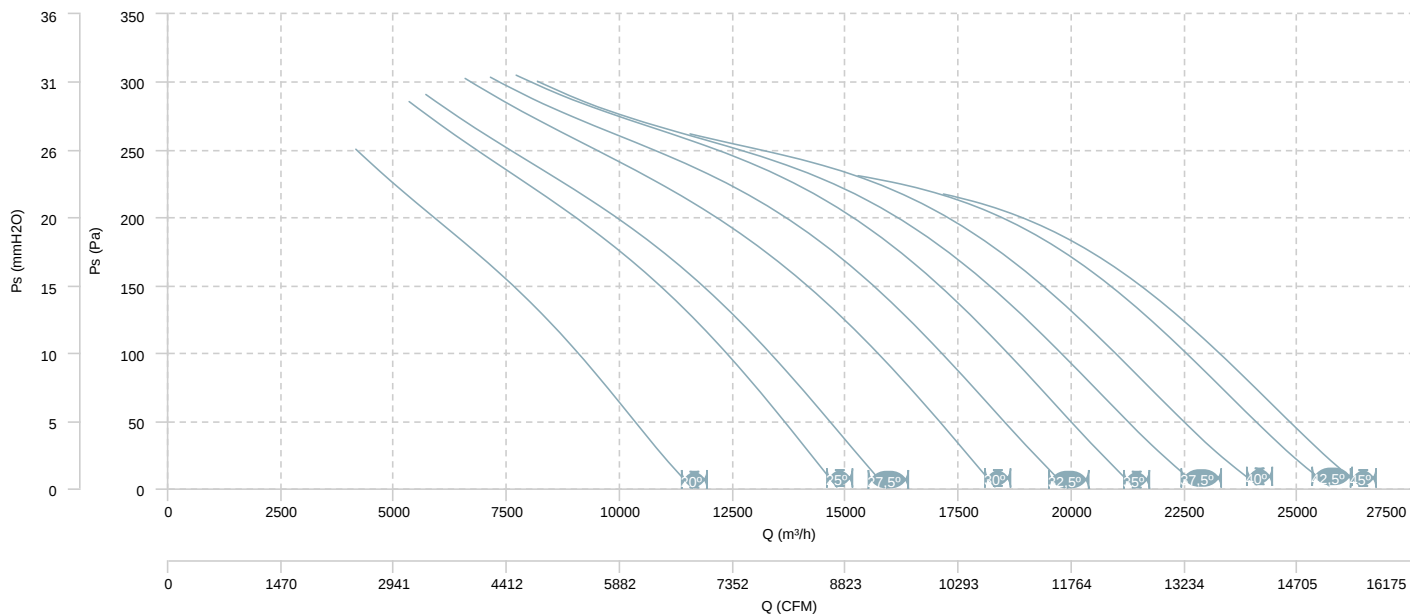


**AIR FLOW - MECHANICAL POWER**

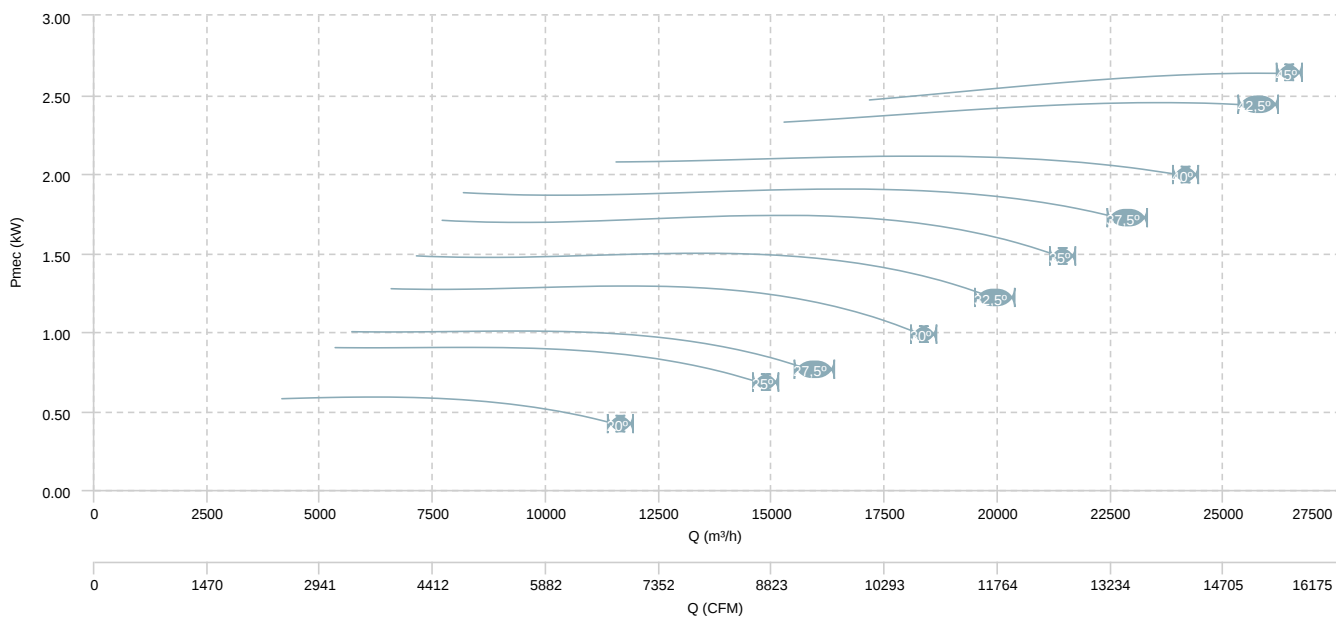


HMXF 71 T4/T6 (A2:6) F300

**AIR FLOW - PRESSURE (4 poles)**

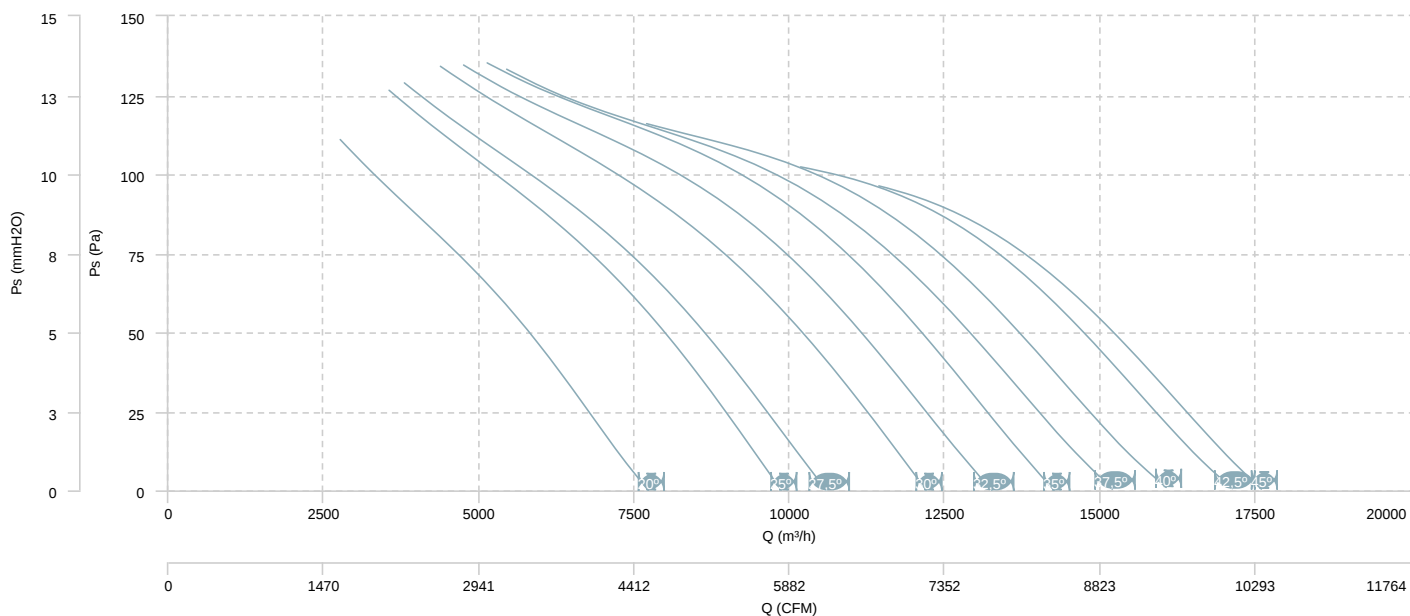


**AIR FLOW - MECHANICAL POWER (4 poles)**

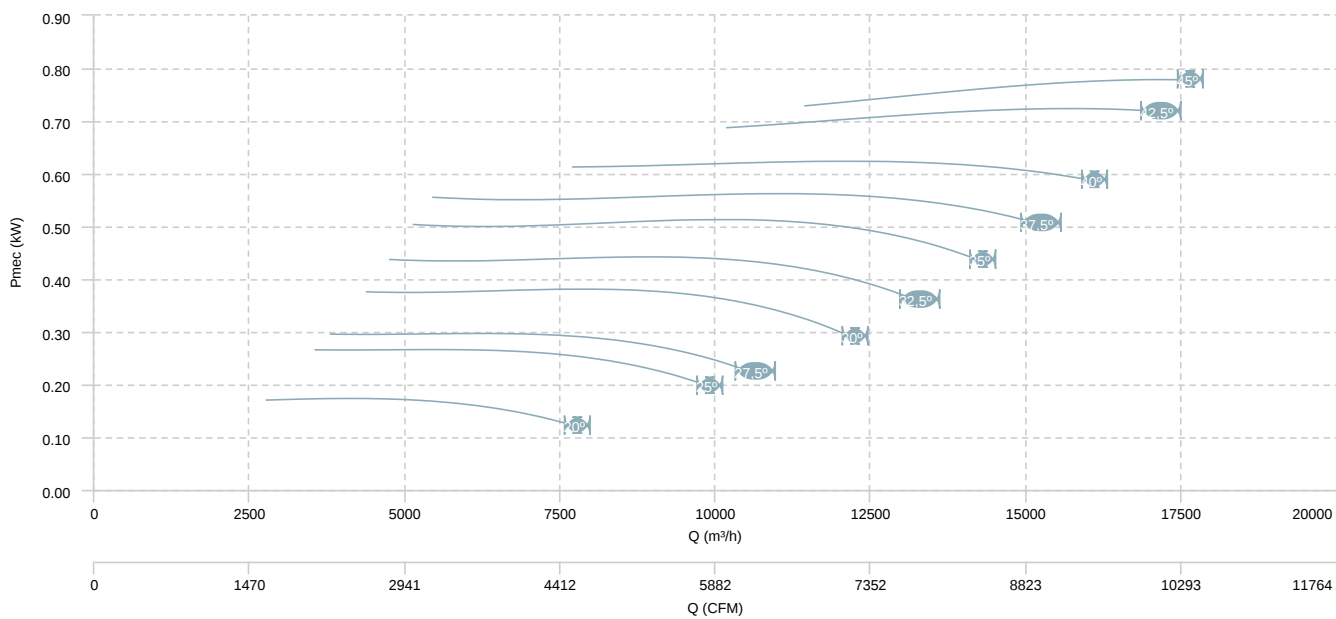


HMFx 71 T4/T6 (A2:6) F300

**AIR FLOW - PRESSURE (6 poles)**

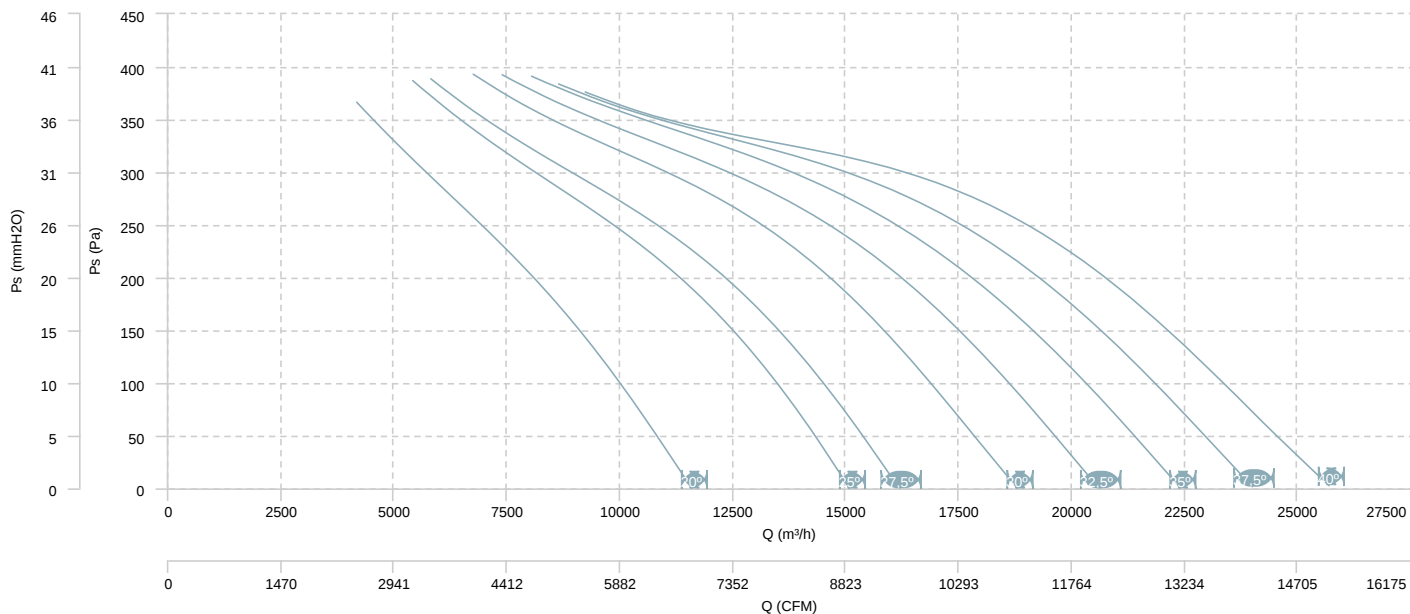


**AIR FLOW - MECHANICAL POWER (6 poles)**

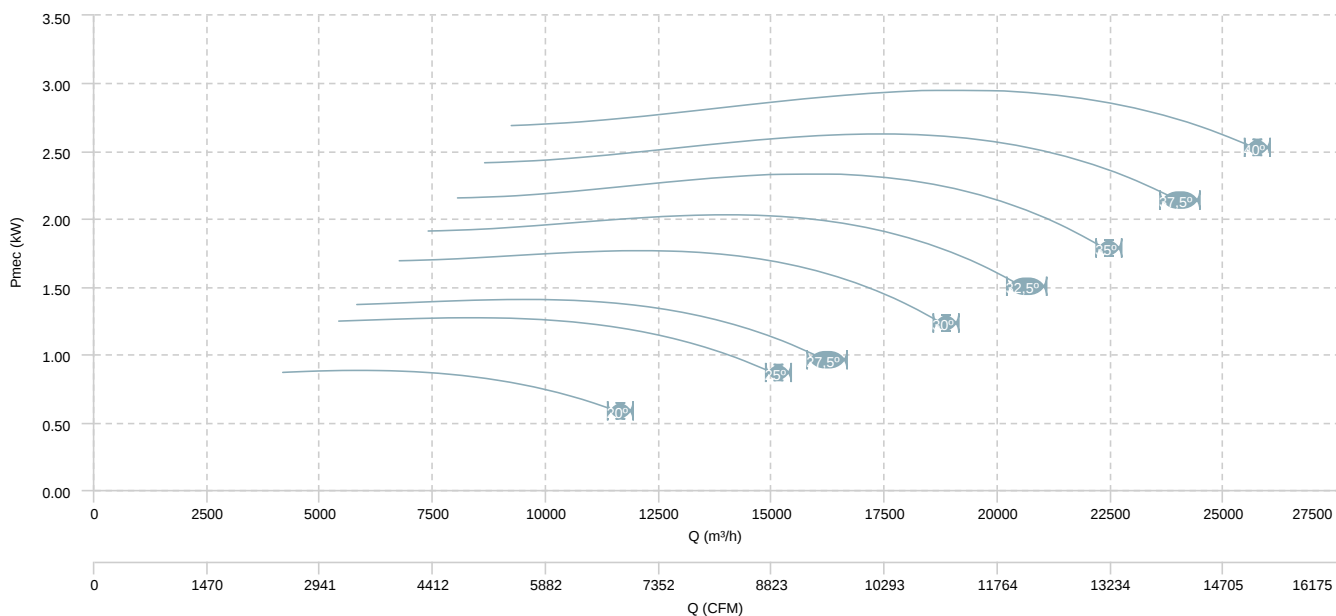


HMFx 71 T4/T6 (A2:9) F300

**AIR FLOW - PRESSURE (4 poles)**

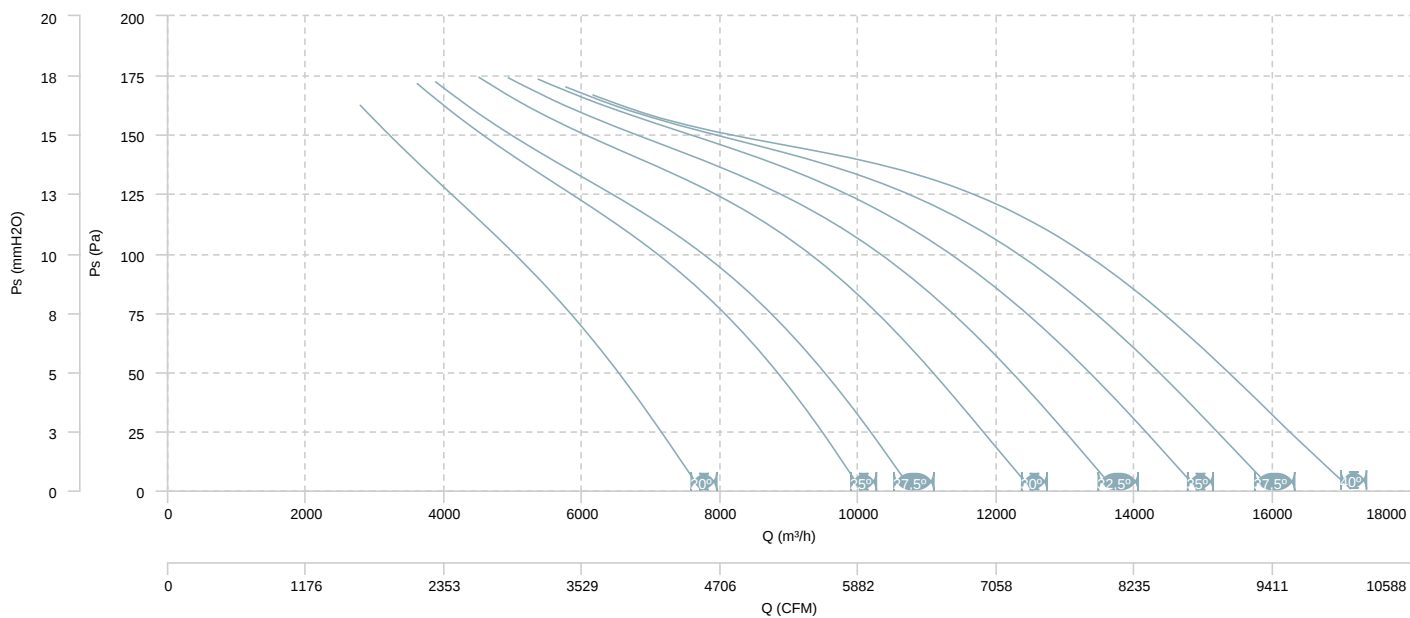


**AIR FLOW - MECHANICAL POWER (4 poles)**

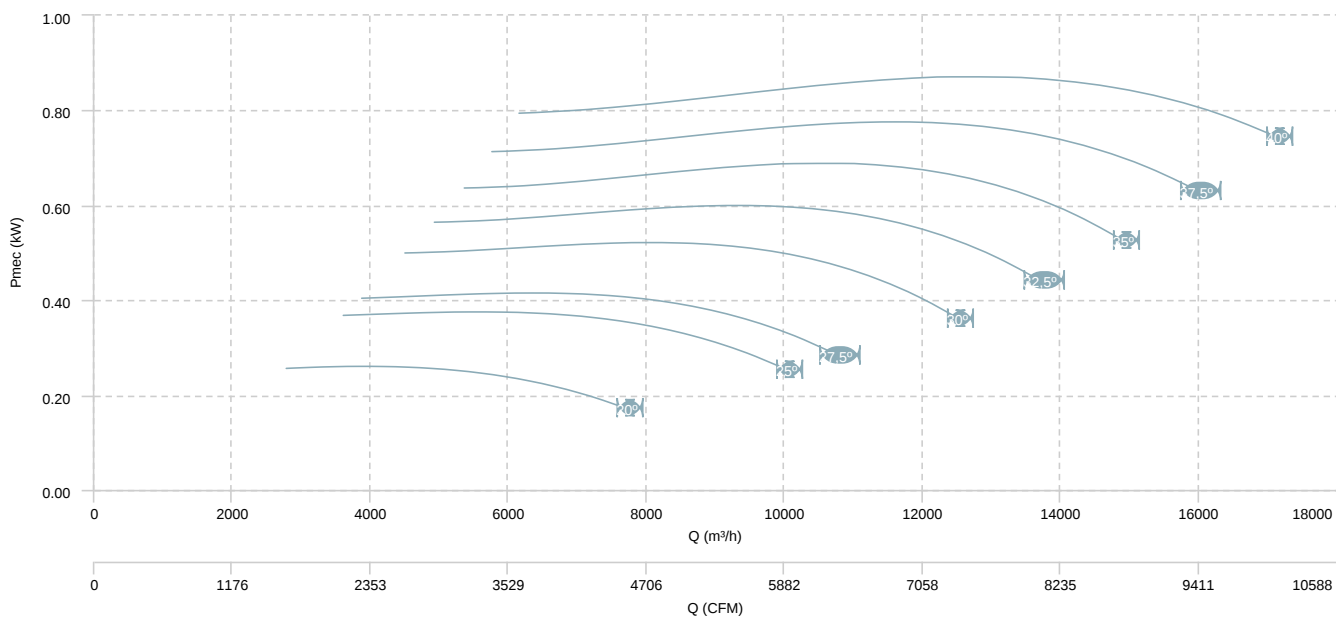


**HMXF 71 T4/T6 (A2:9) F300**

**AIR FLOW - PRESSURE (6 poles)**

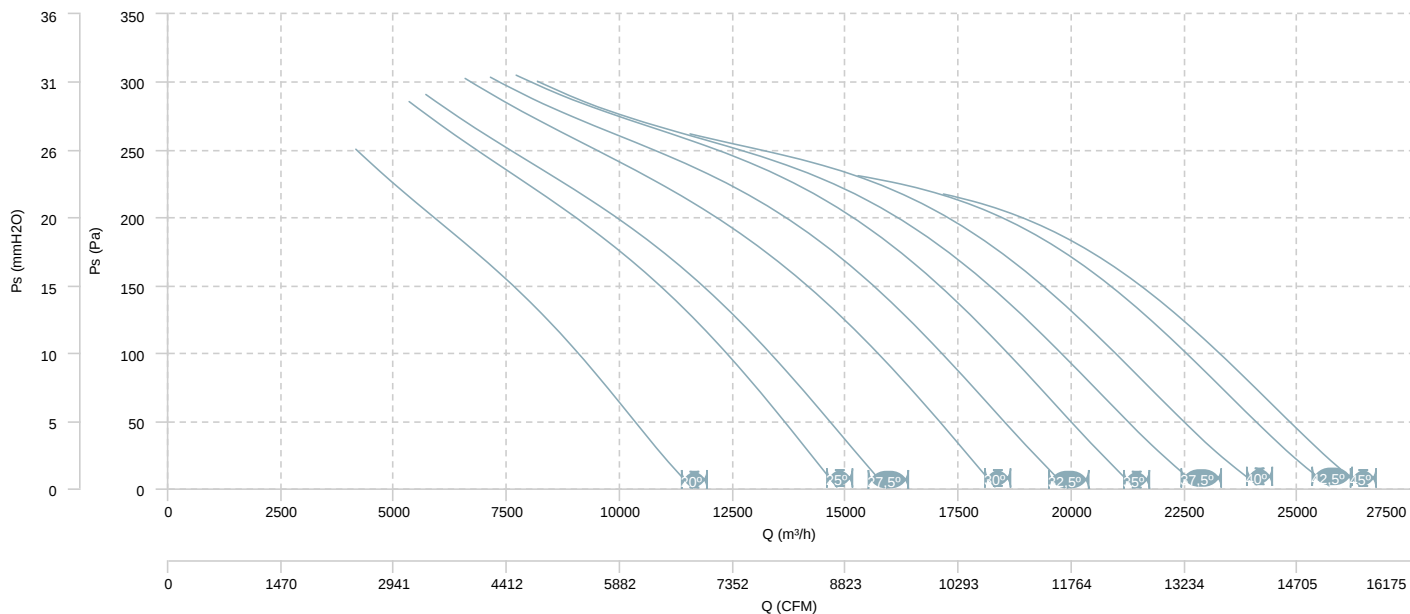


**AIR FLOW - MECHANICAL POWER (6 poles)**

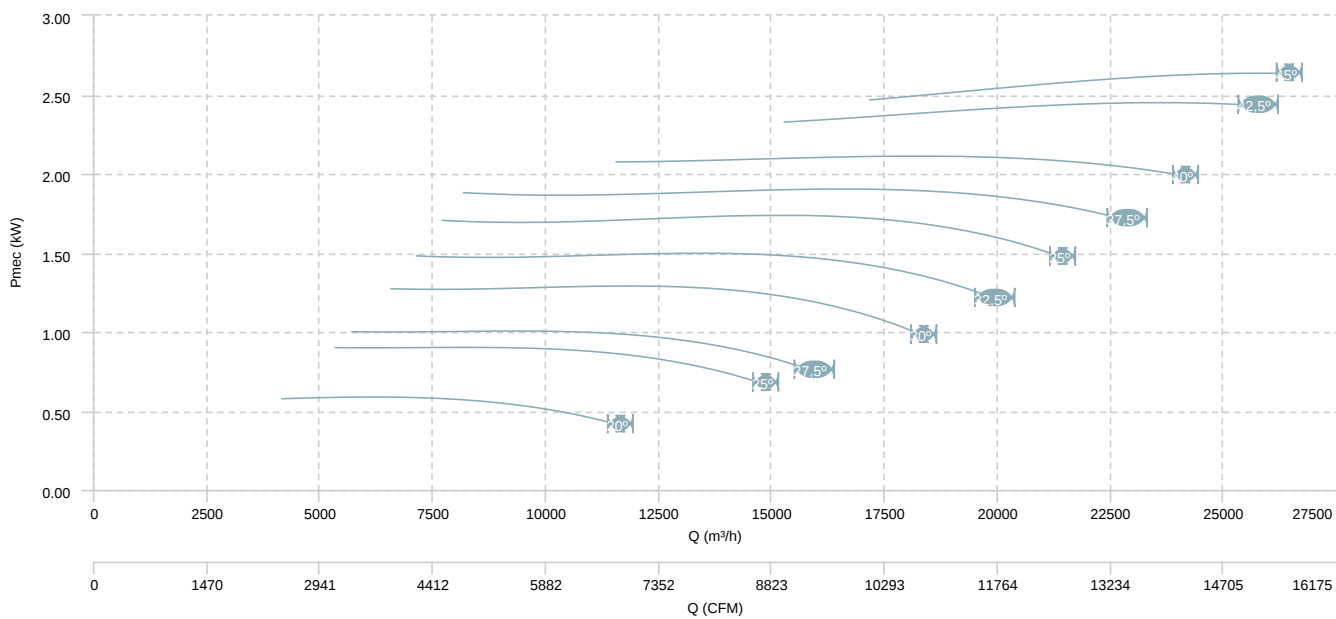


**HMXF 71 T4/T8 (A2:6) F300**

**AIR FLOW - PRESSURE (4 poles)**

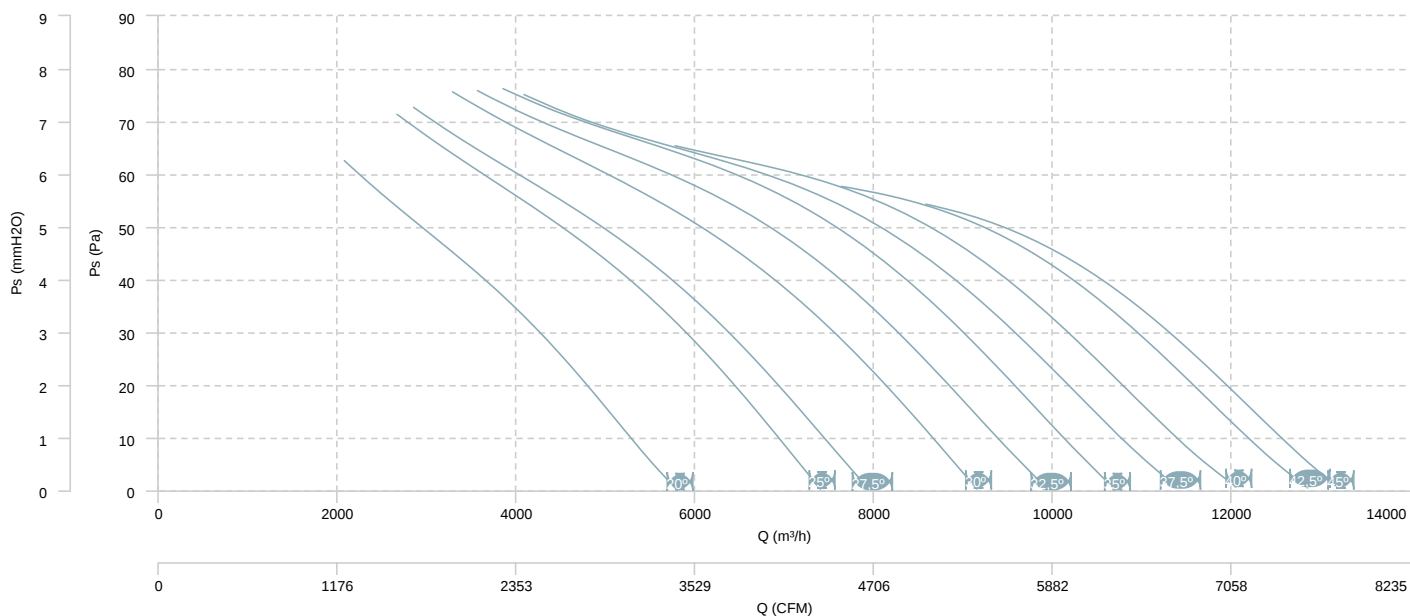


**AIR FLOW - MECHANICAL POWER (4 poles)**

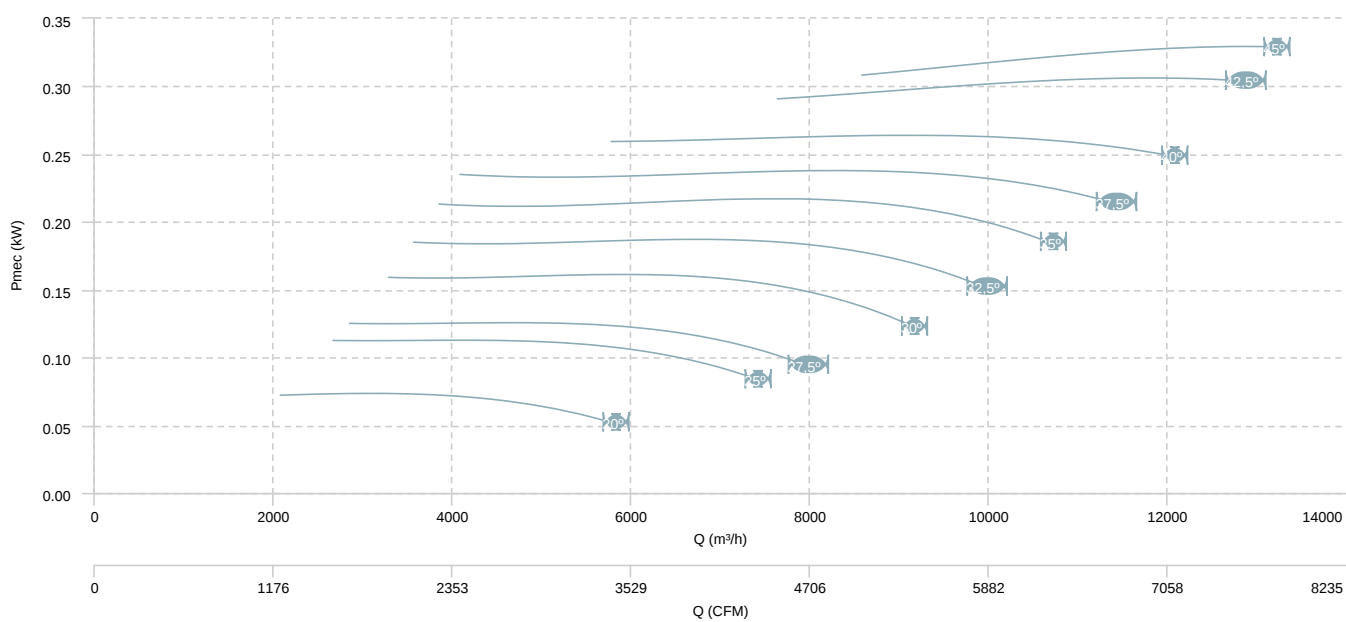


HMFx 71 T4/T8 (A2:6) F300

**AIR FLOW - PRESSURE (8 poles)**

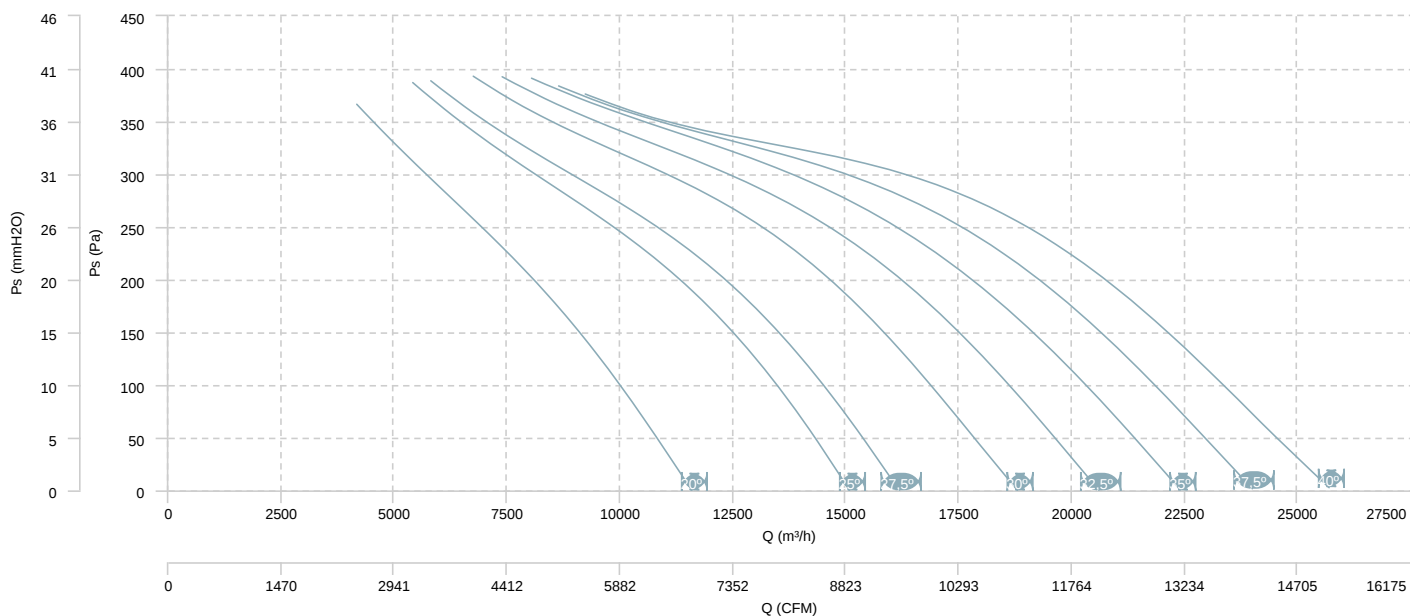


**AIR FLOW - MECHANICAL POWER (8 poles)**

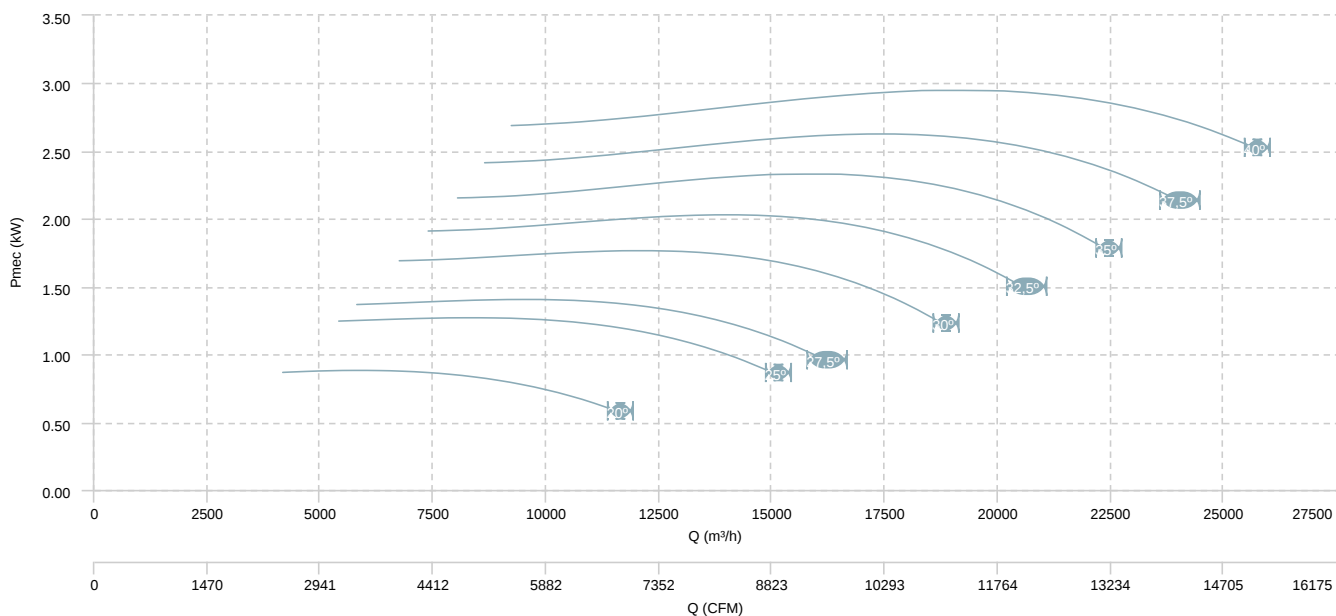


**HMFx 71 T4/T8 (A2:9) F300**

**AIR FLOW - PRESSURE (4 poles)**

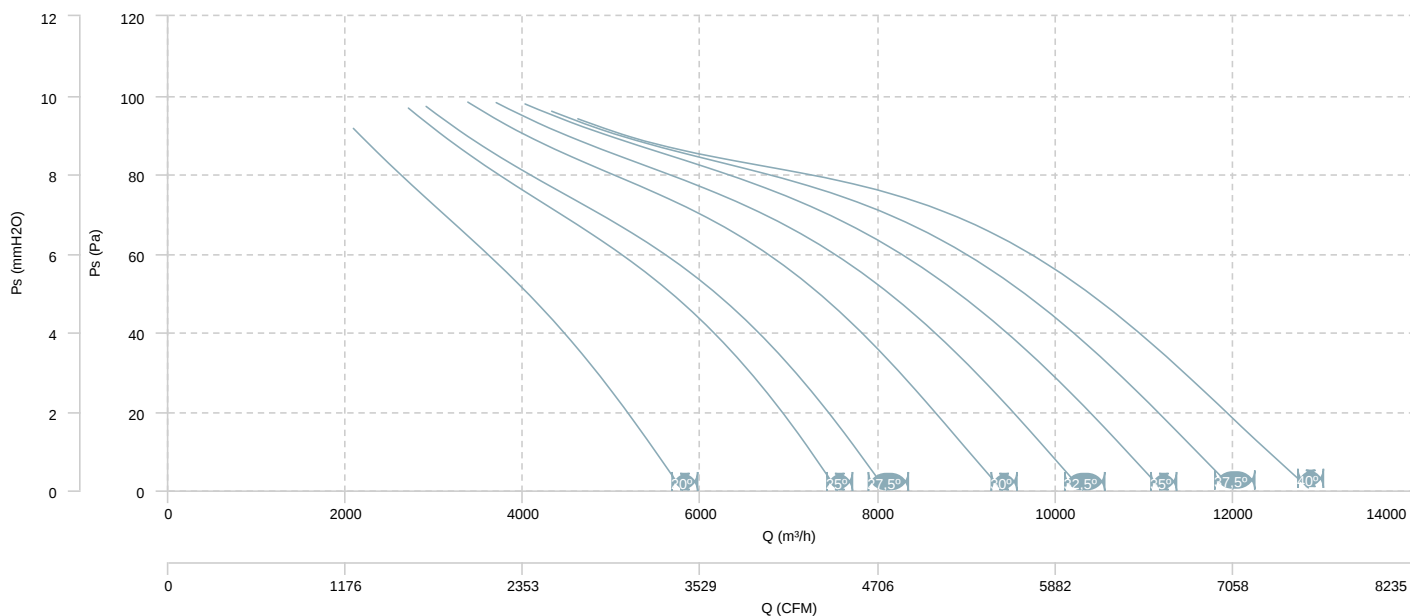


**AIR FLOW - MECHANICAL POWER (4 poles)**

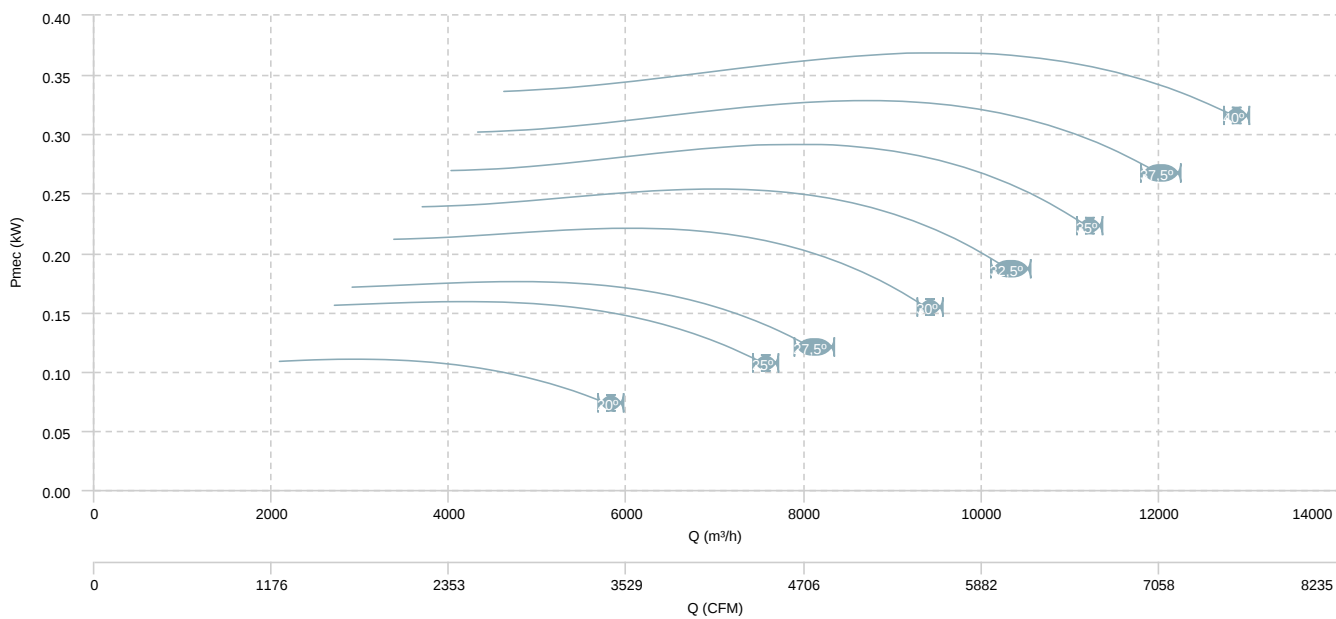


HMFx 71 T4/T8 (A2:9) F300

**AIR FLOW - PRESSURE (8 poles)**

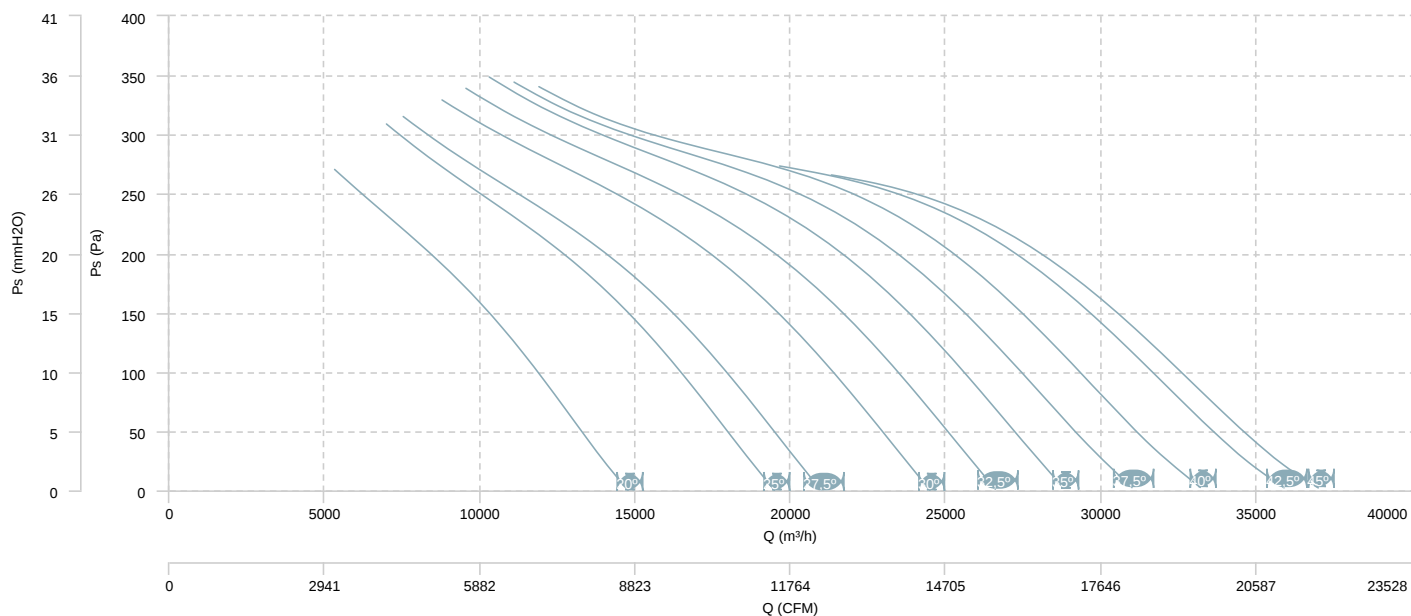


**AIR FLOW - MECHANICAL POWER (8 poles)**

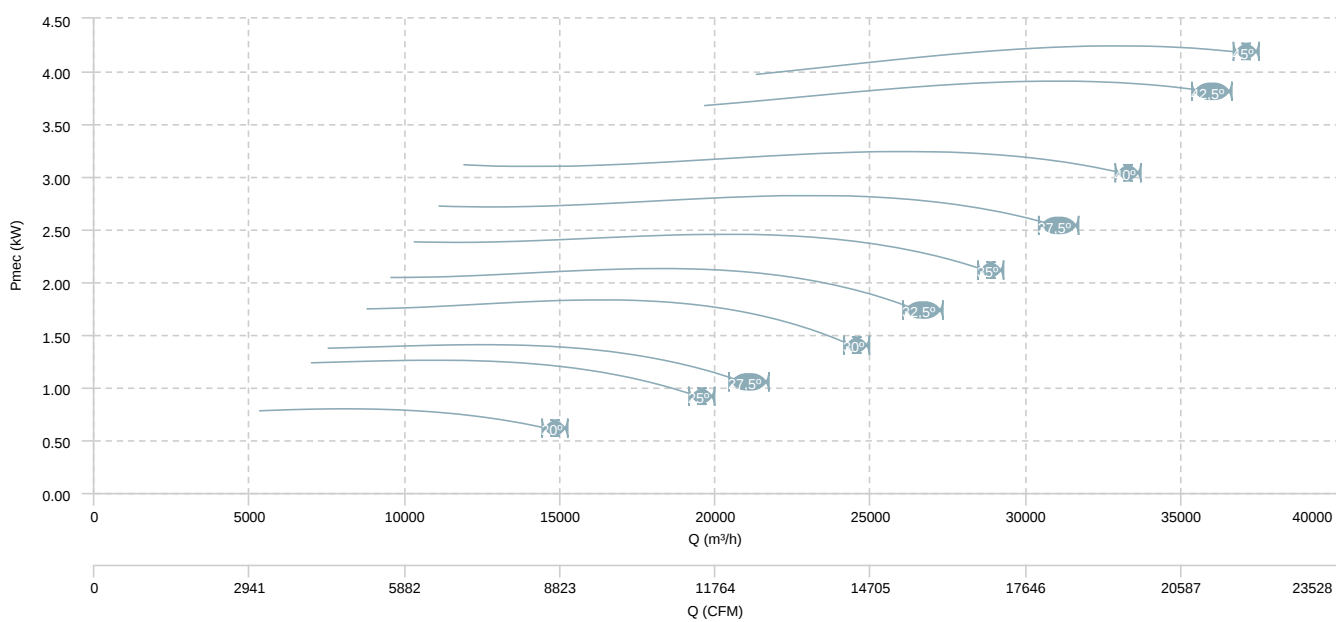


**HMFx 80 T4 (A2:6) F300**

**AIR FLOW - PRESSURE**

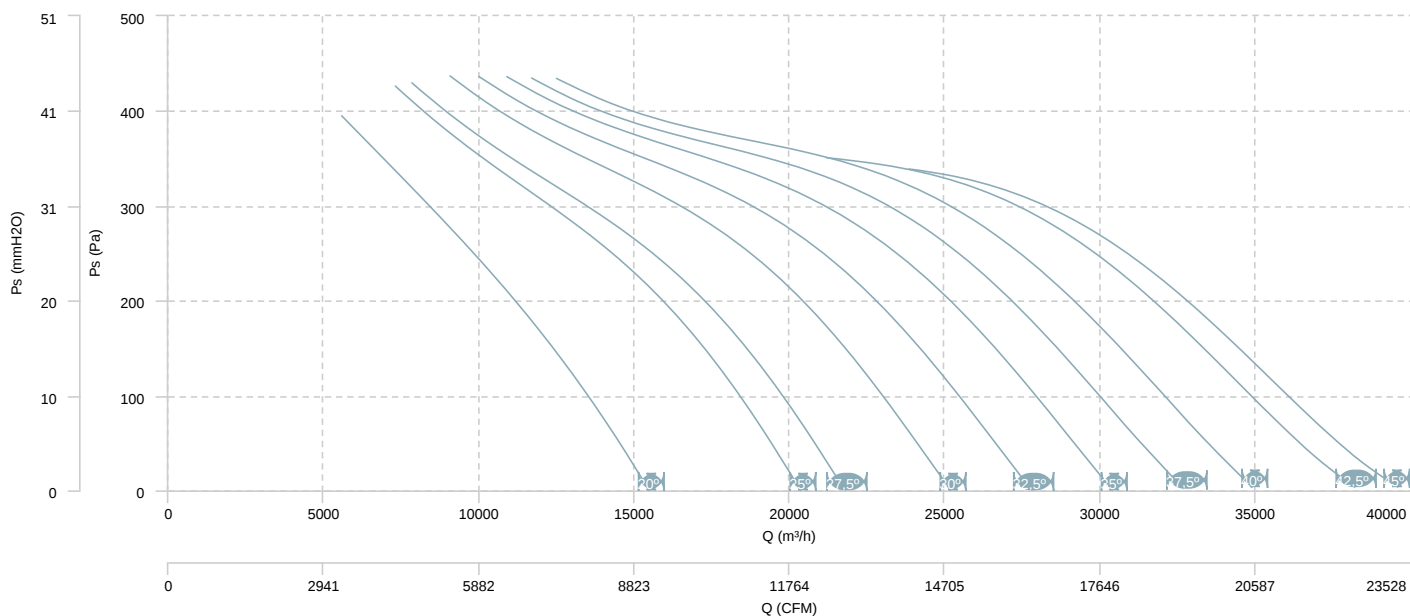


**AIR FLOW - MECHANICAL POWER**

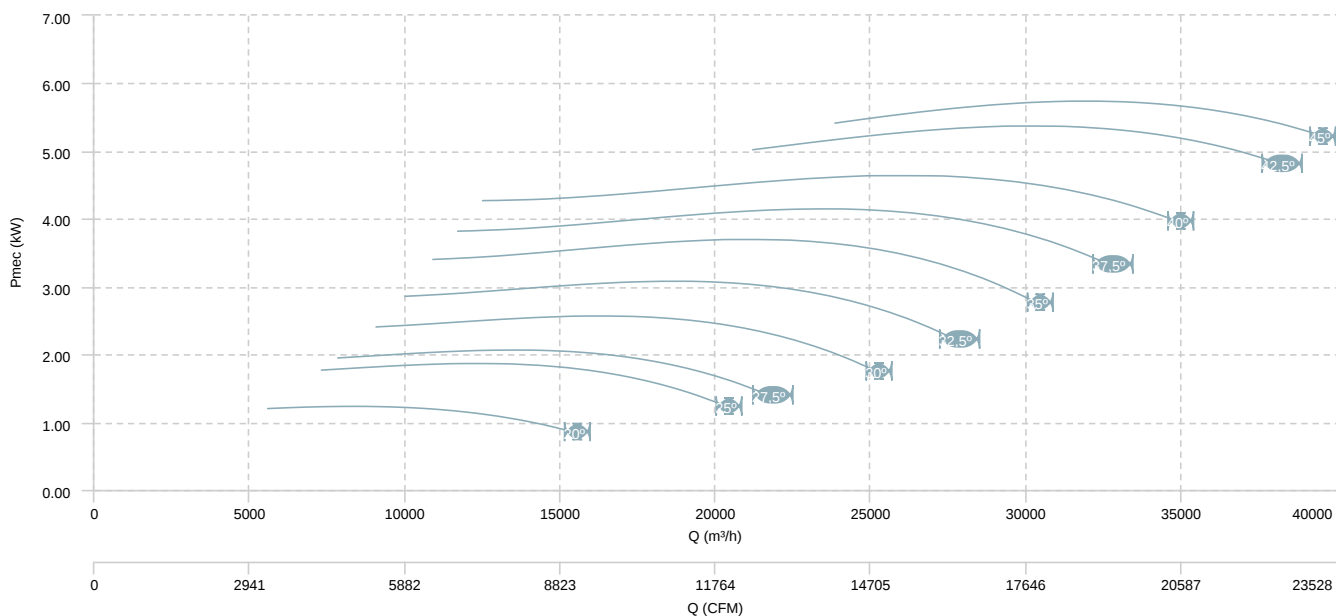


HMXF 80 T4 (A2:9) F300

AIR FLOW - PRESSURE

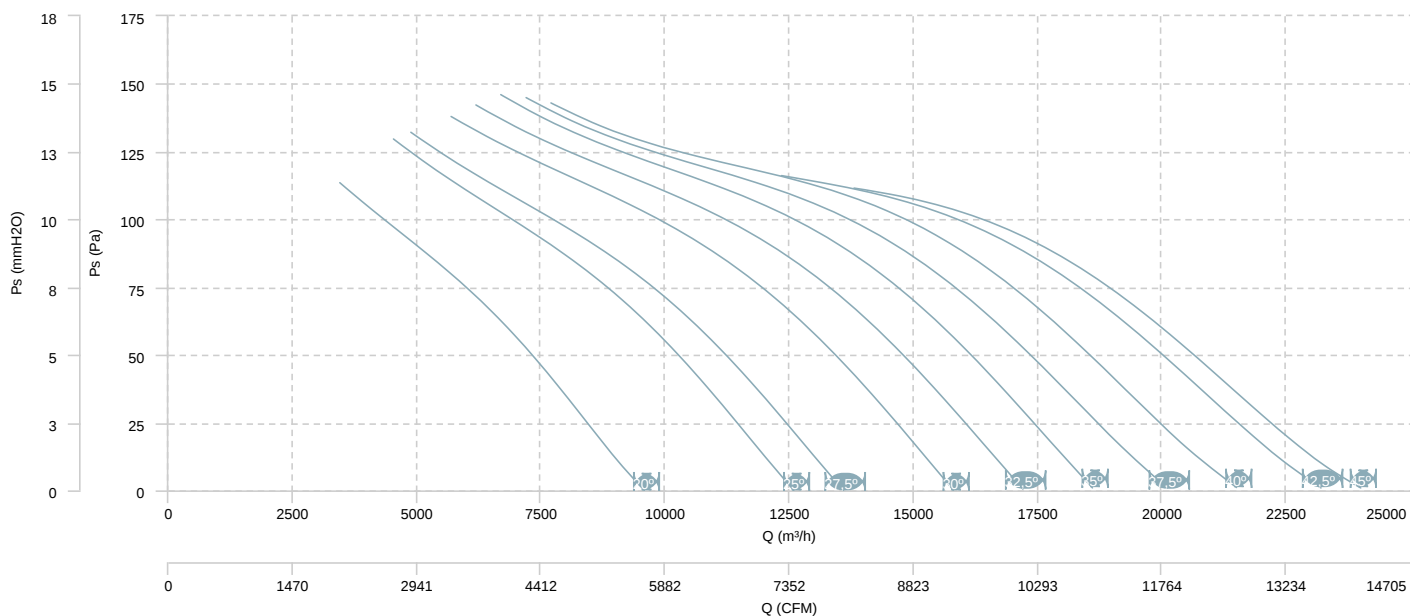


AIR FLOW - MECHANICAL POWER

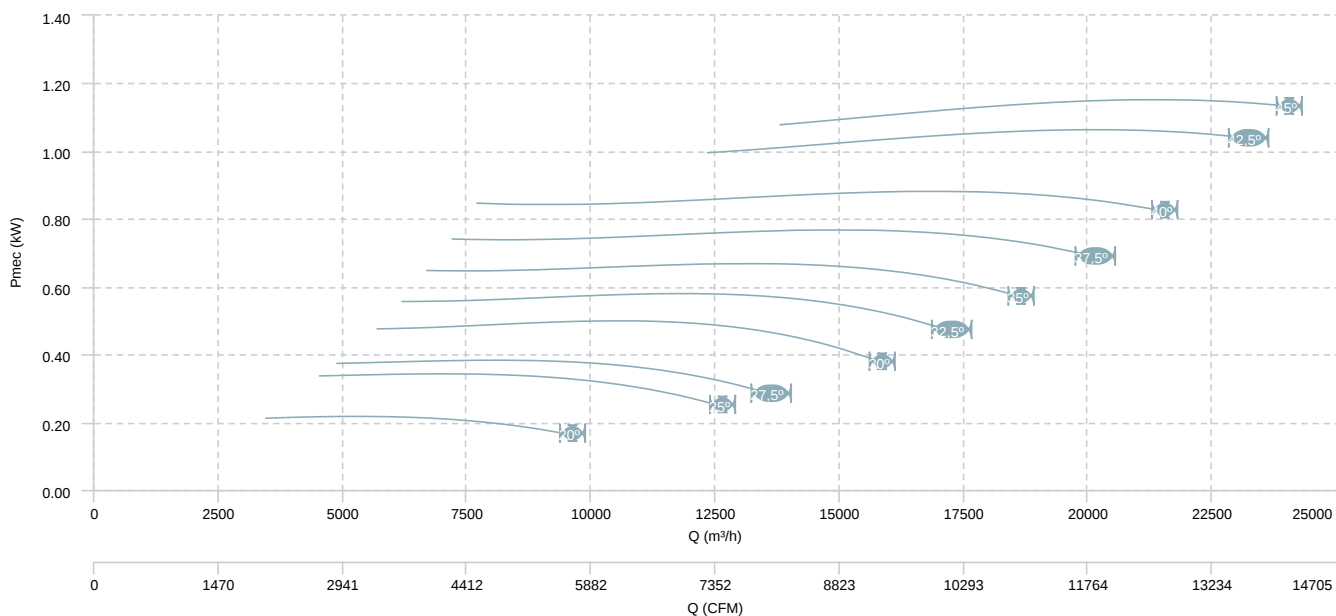


**HMFx 80 T6 (A2:6) F300**

**AIR FLOW - PRESSURE**

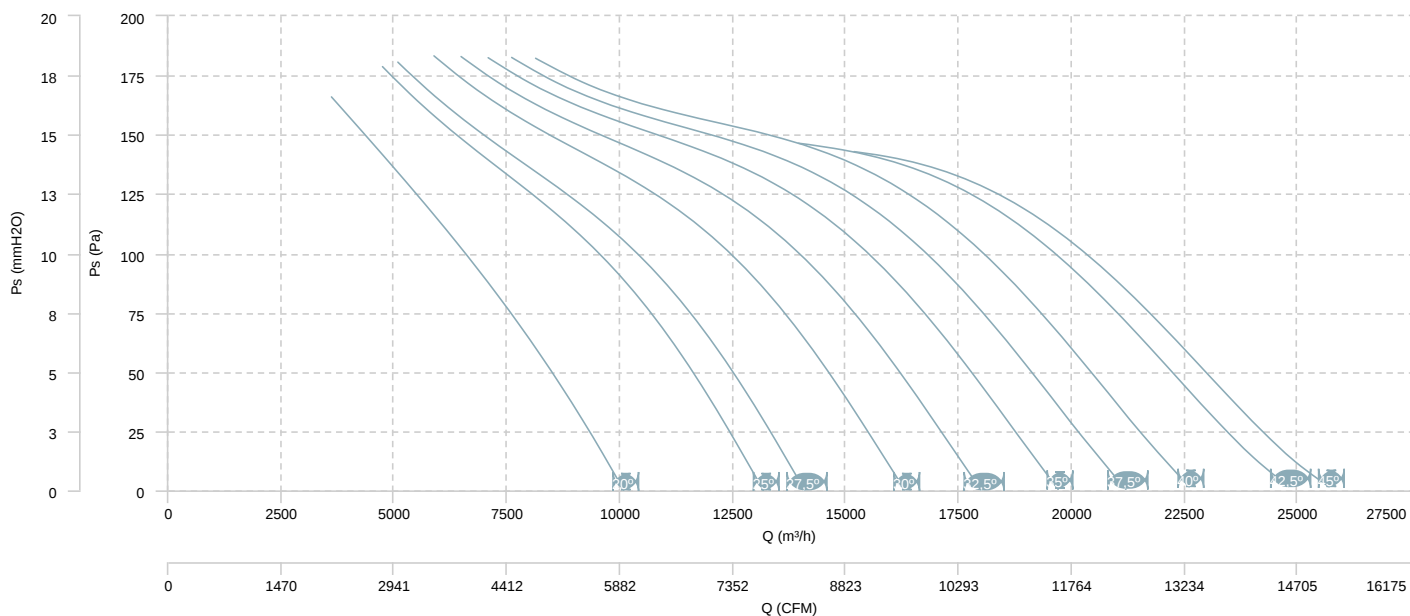


**AIR FLOW - MECHANICAL POWER**

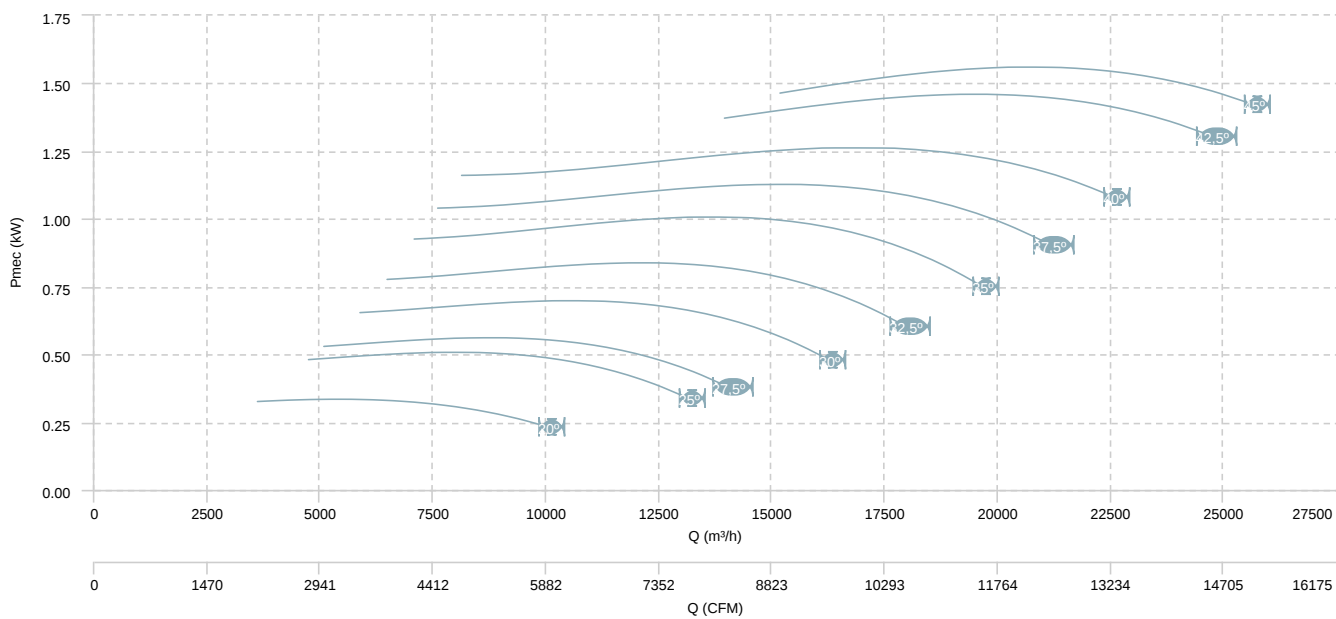


HMXF 80 T6 (A2:9) F300

**AIR FLOW - PRESSURE**

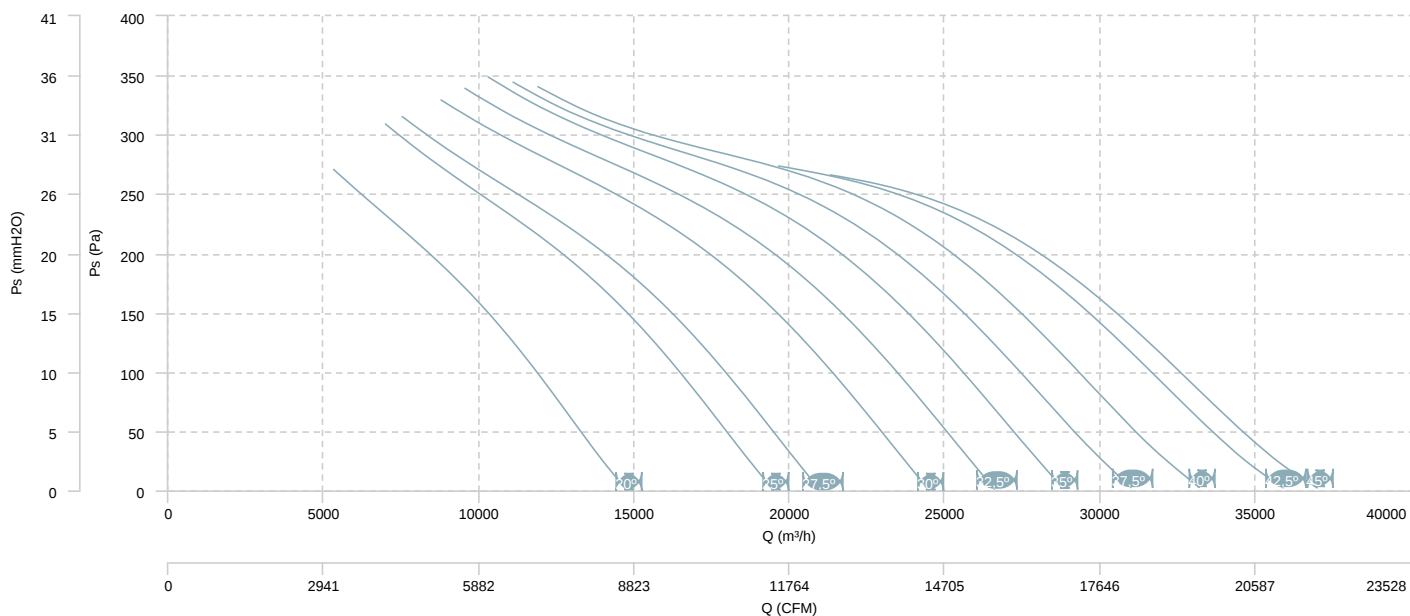


**AIR FLOW - MECHANICAL POWER**

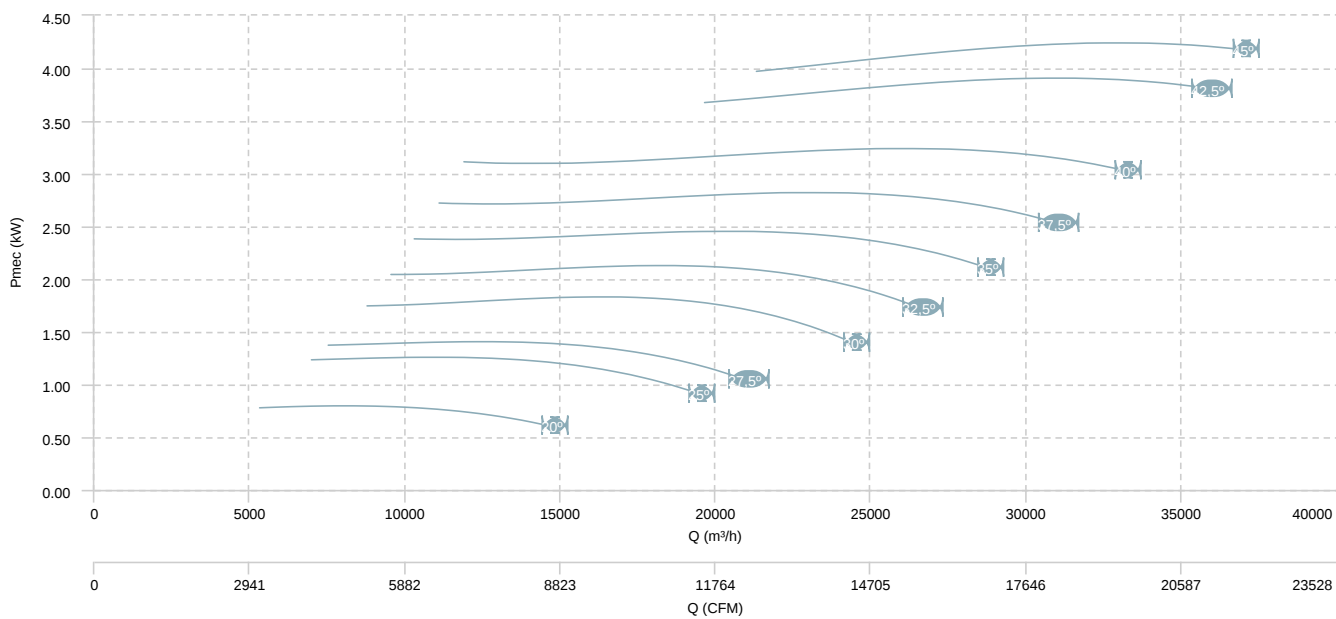


HMFx 80 T4/T6 (A2:6) F300

**AIR FLOW - PRESSURE (4 poles)**

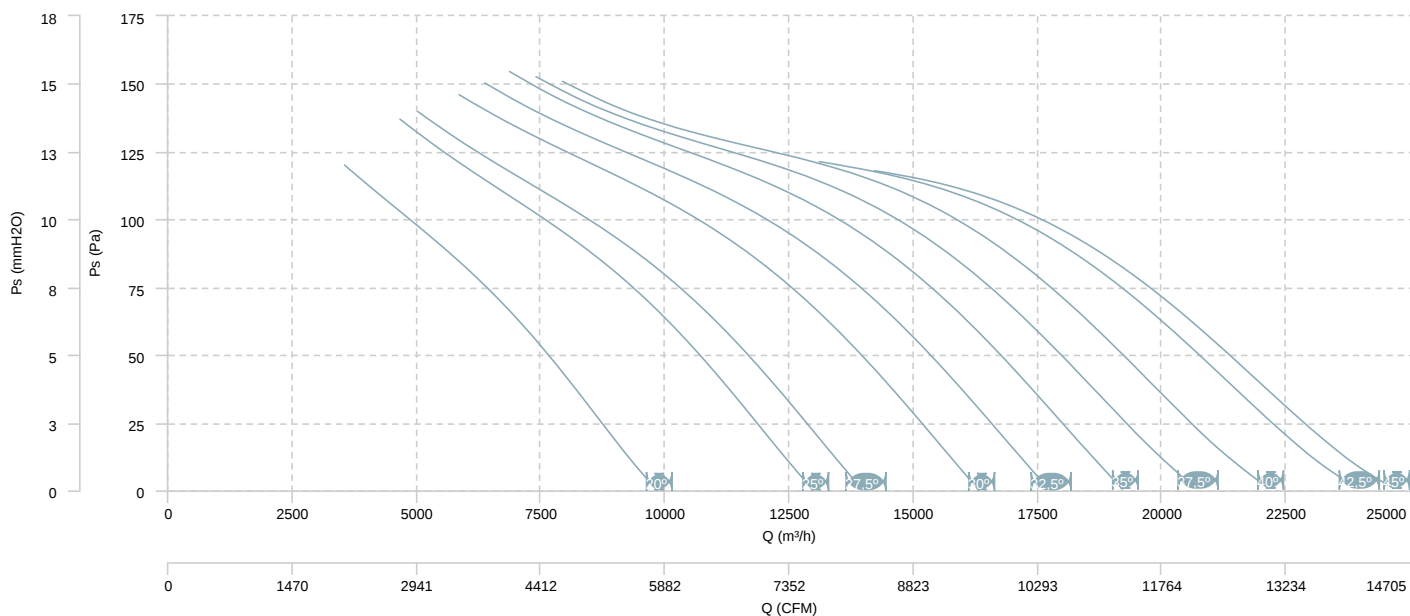


**AIR FLOW - MECHANICAL POWER (4 poles)**

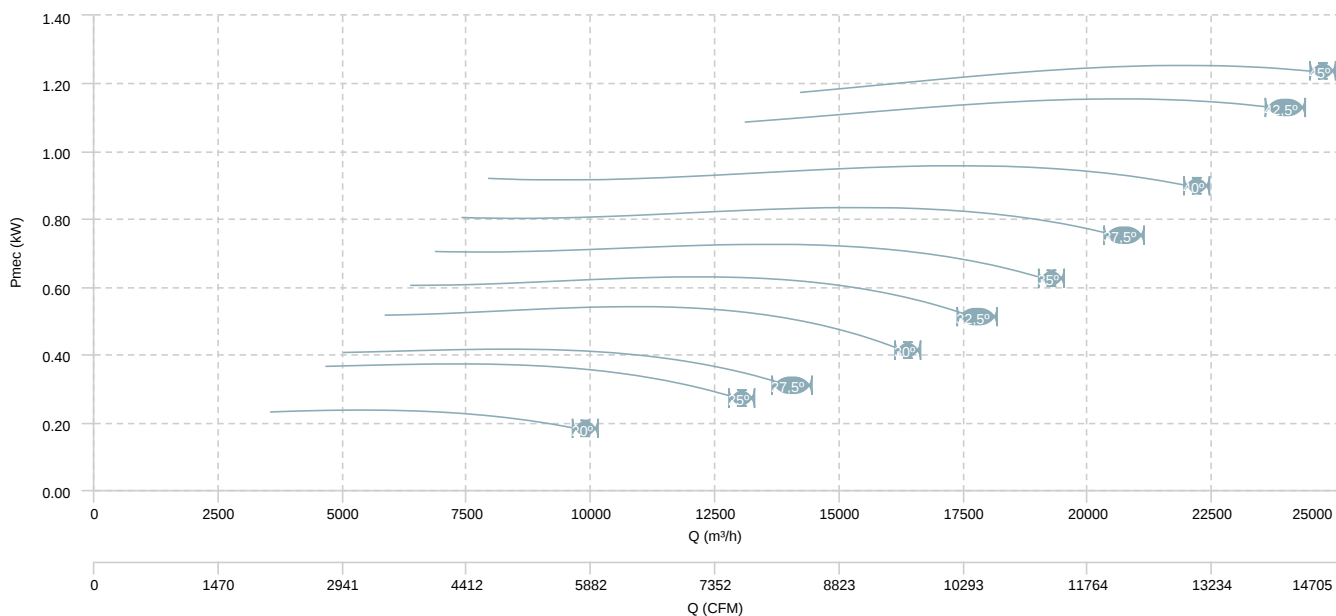


HMFx 80 T4/T6 (A2:6) F300

**AIR FLOW - PRESSURE (6 poles)**

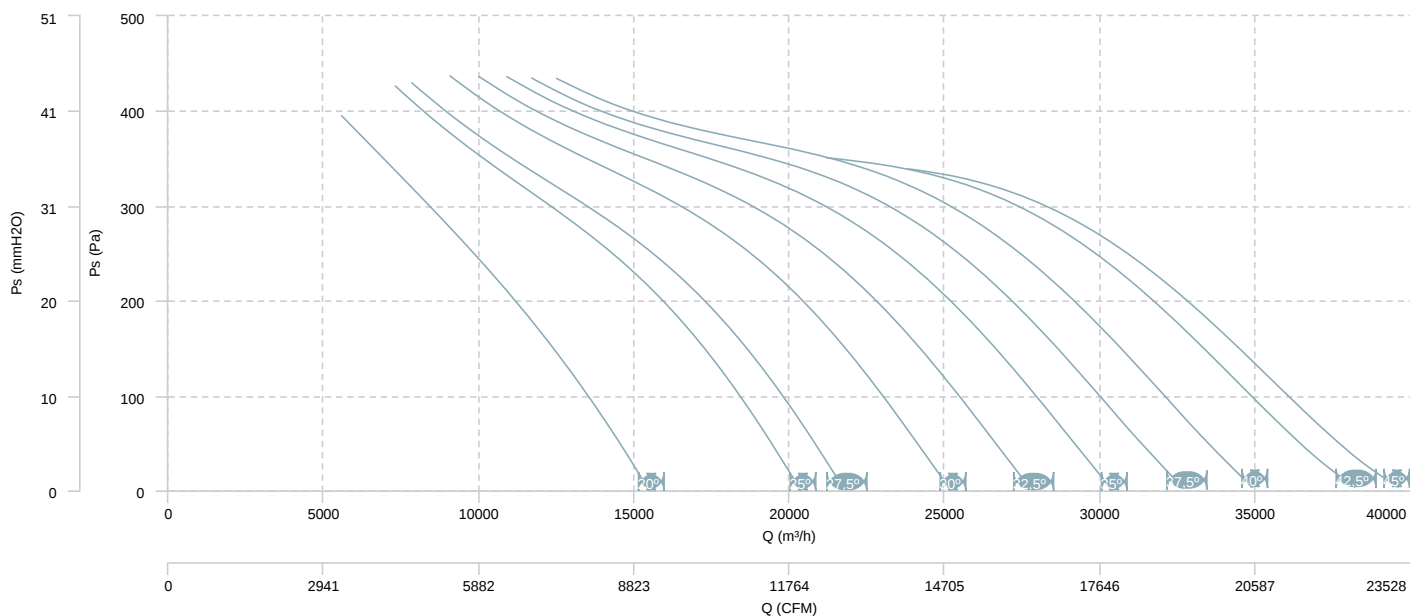


**AIR FLOW - MECHANICAL POWER (6 poles)**

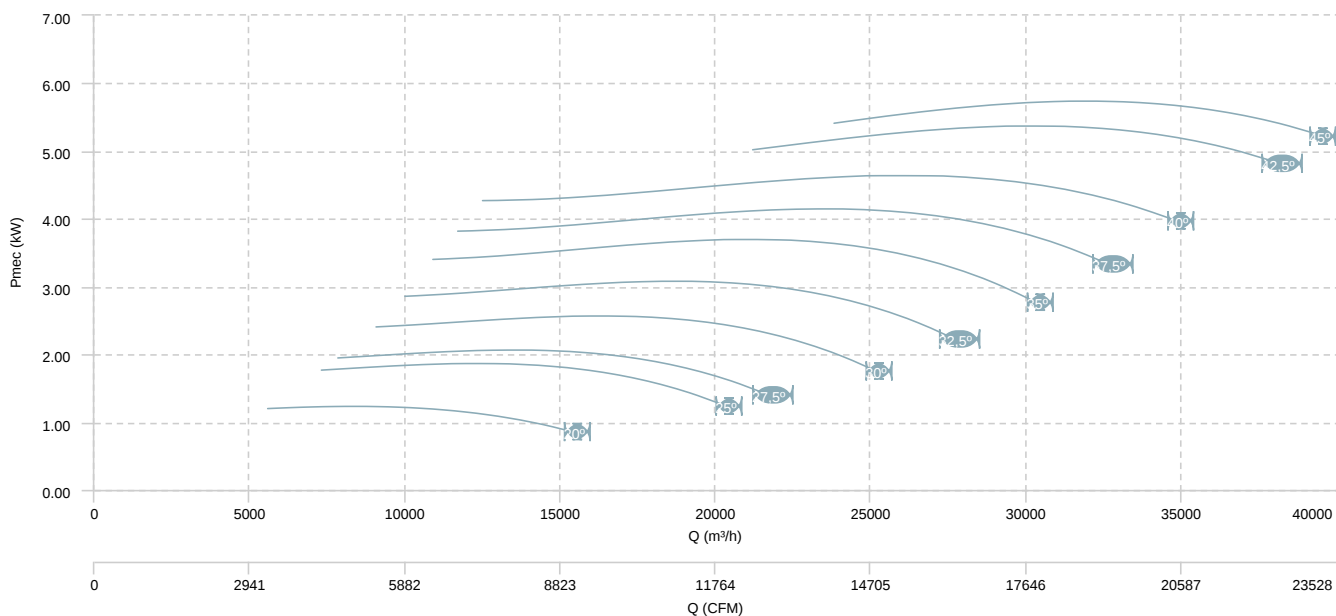


HMXF 80 T4/T6 (A2:9) F300

**AIR FLOW - PRESSURE (4 poles)**

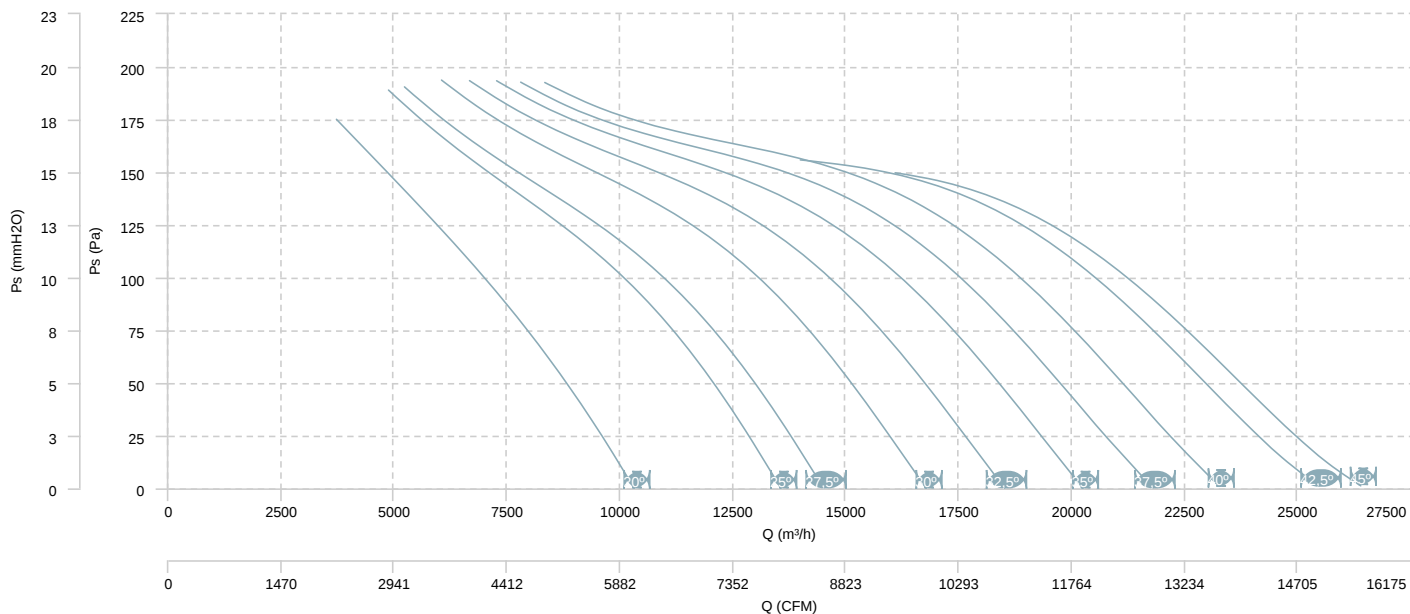


**AIR FLOW - MECHANICAL POWER (4 poles)**

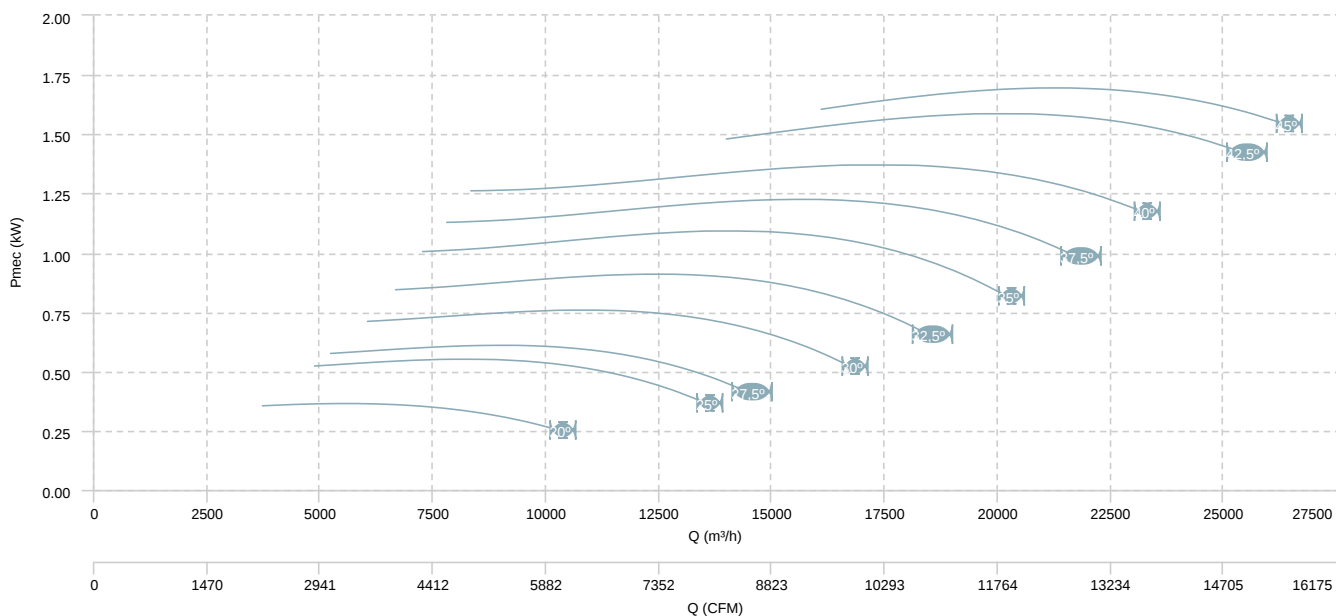


**HMXF 80 T4/T6 (A2:9) F300**

**AIR FLOW - PRESSURE (6 poles)**

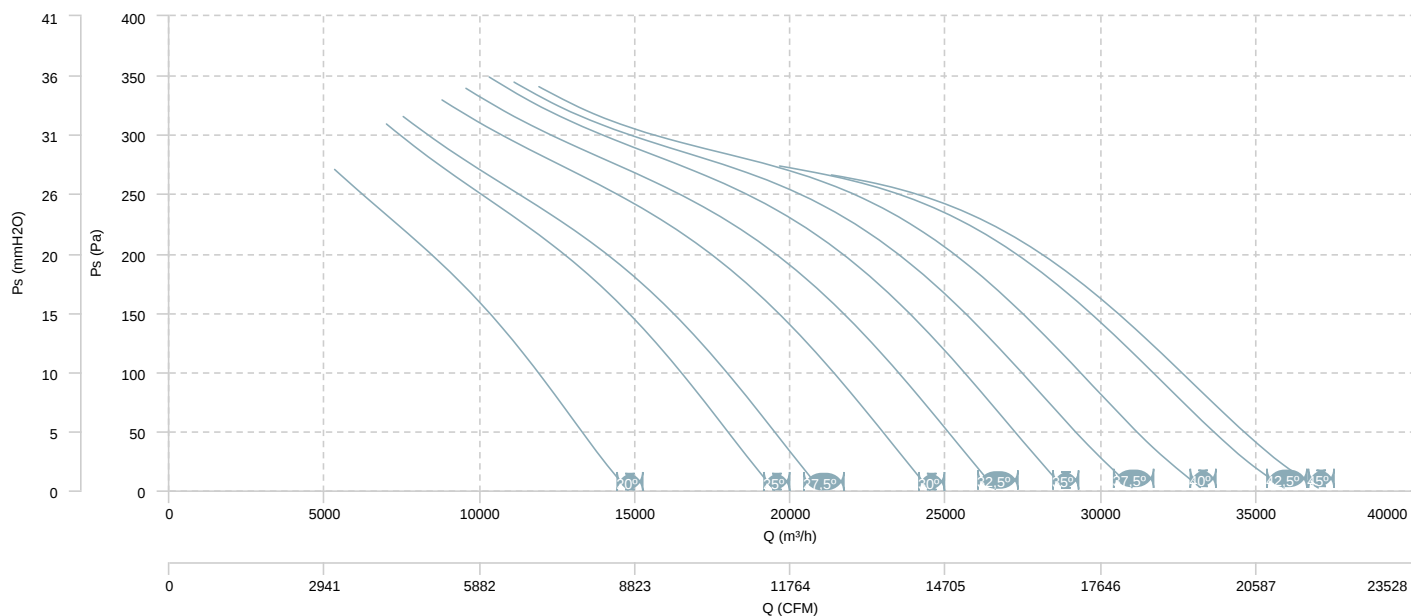


**AIR FLOW - MECHANICAL POWER (6 poles)**

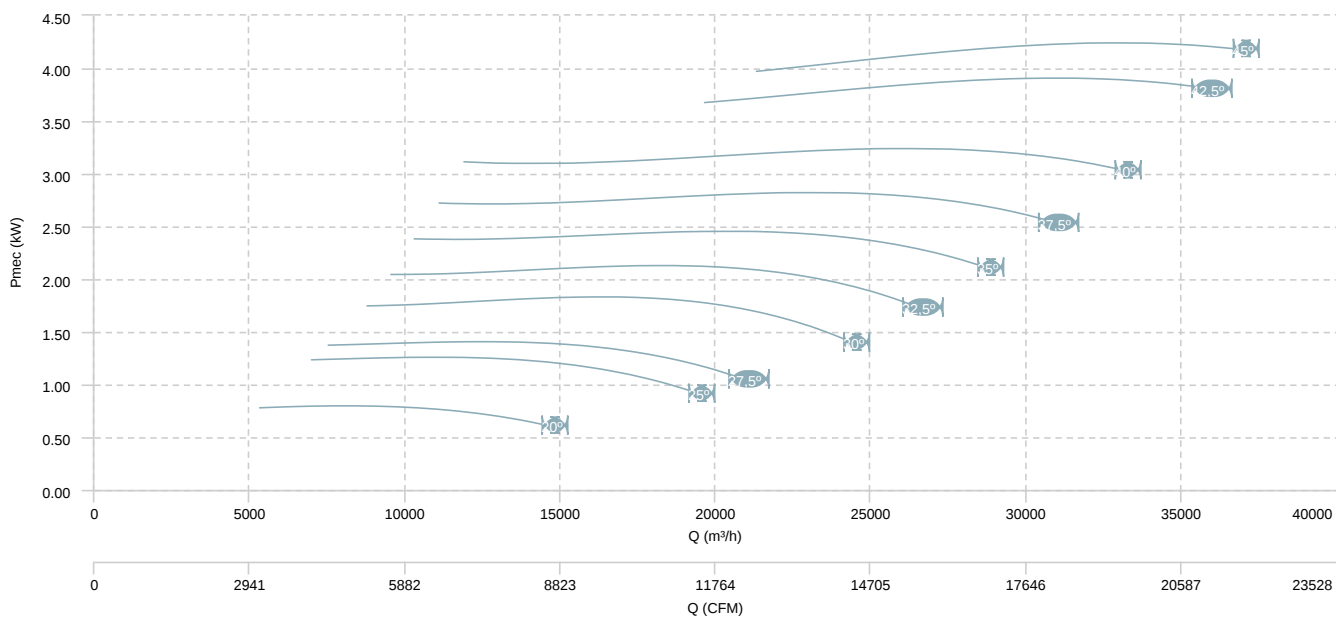


HMFx 80 T4/T8 (A2:6) F300

**AIR FLOW - PRESSURE (4 poles)**

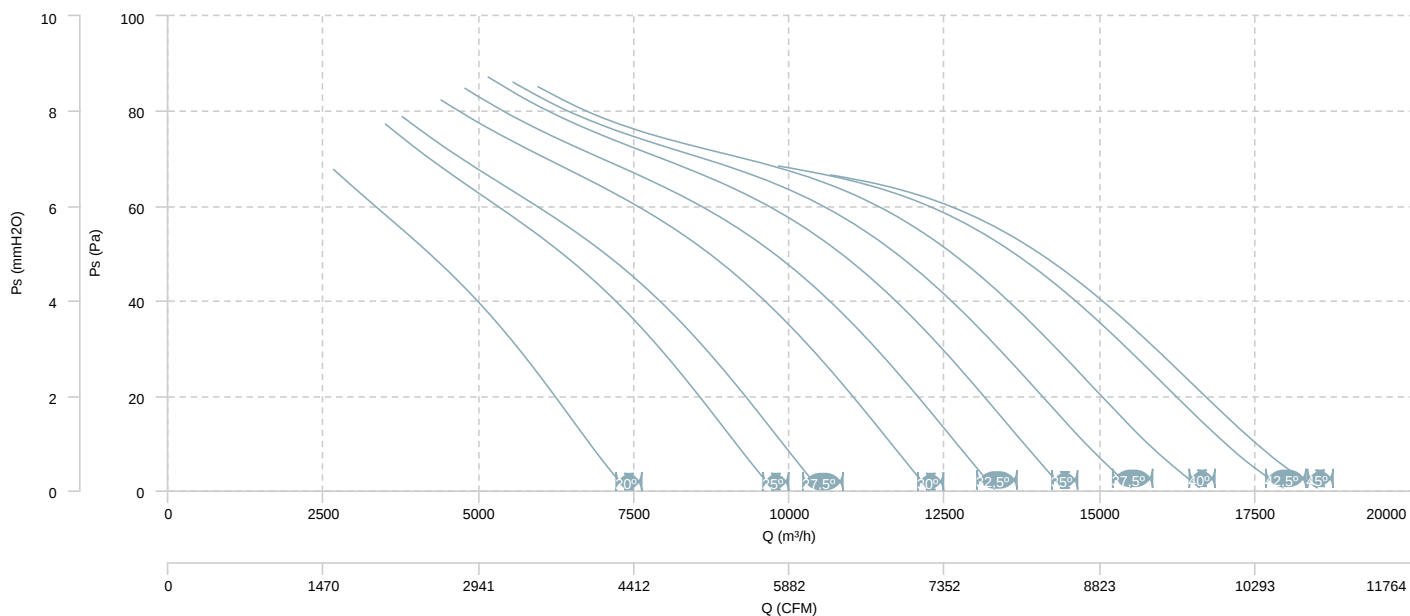


**AIR FLOW - MECHANICAL POWER (4 poles)**

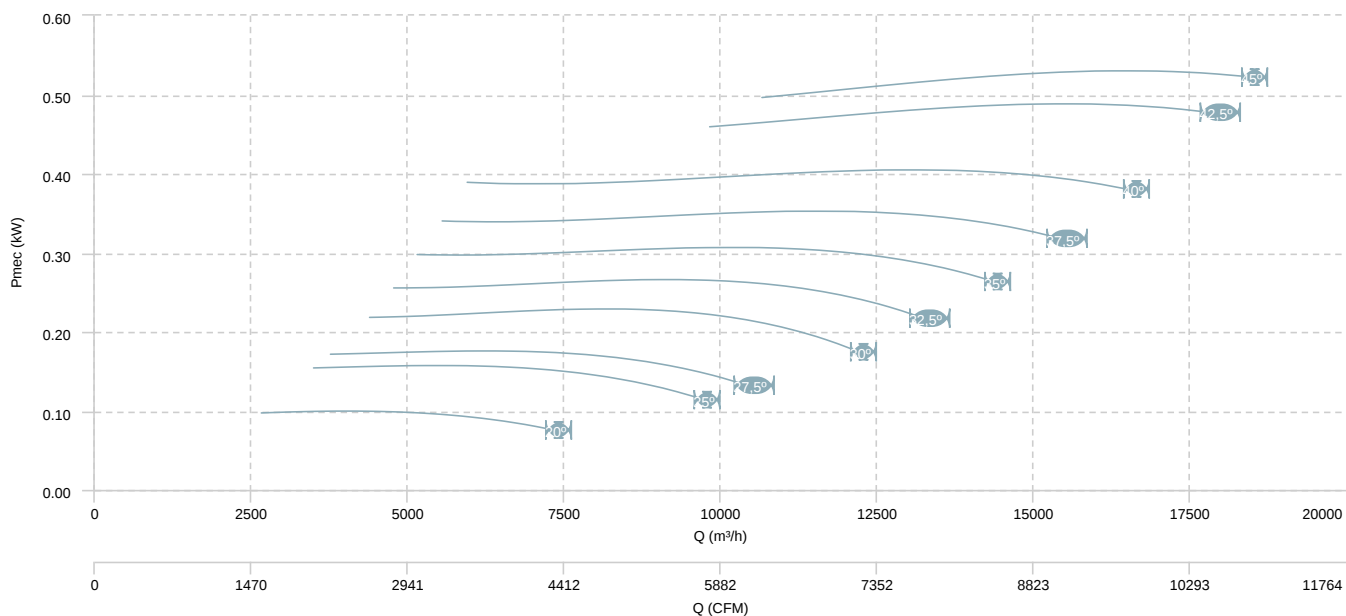


HMXF 80 T4/T8 (A2:6) F300

**AIR FLOW - PRESSURE (8 poles)**

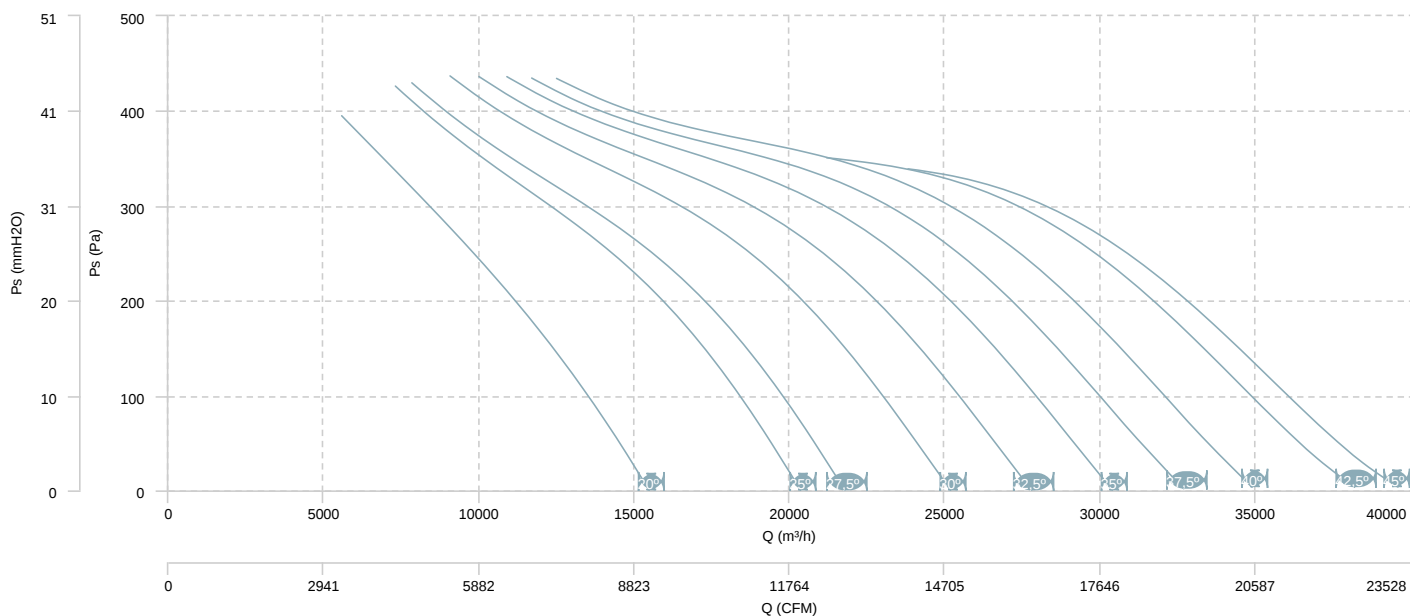


**AIR FLOW - MECHANICAL POWER (8 poles)**

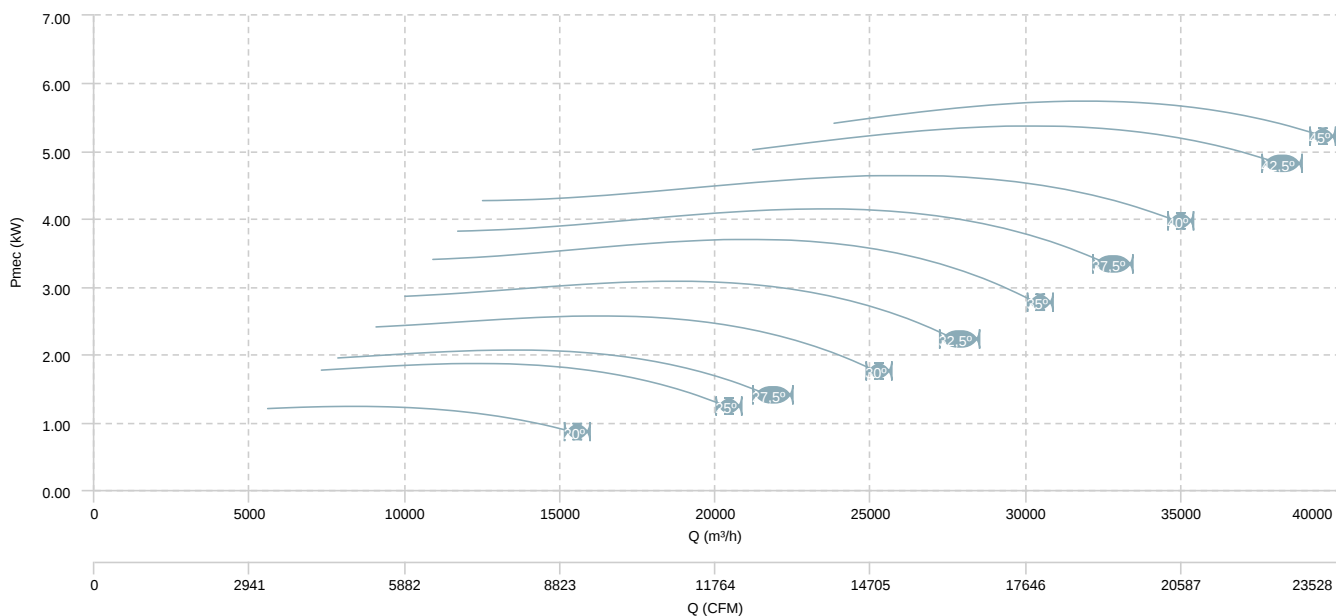


HMXF 80 T4/T8 (A2:9) F300

**AIR FLOW - PRESSURE (4 poles)**

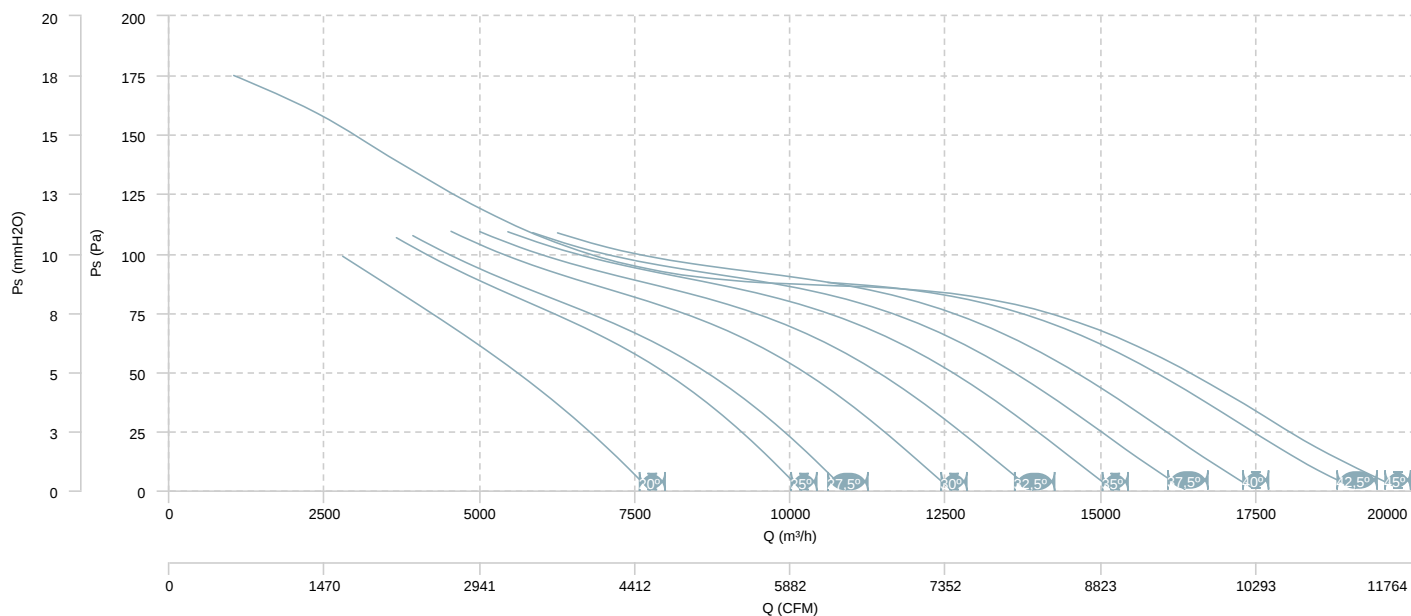


**AIR FLOW - MECHANICAL POWER (4 poles)**

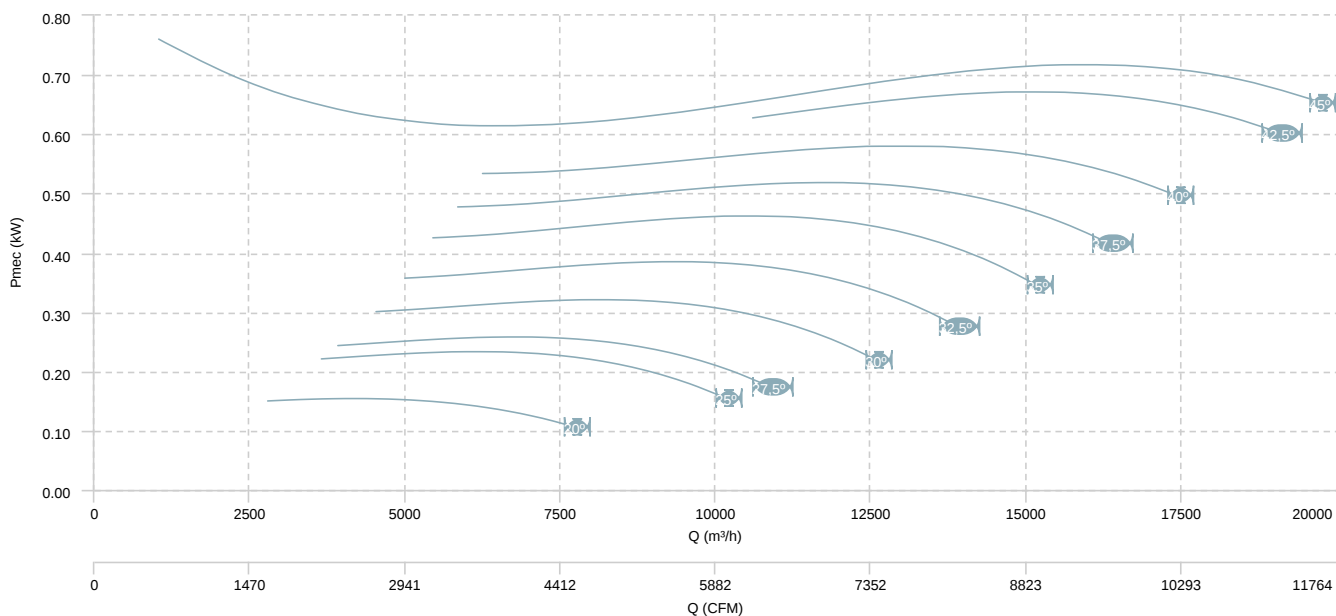


HMFx 80 T4/T8 (A2:9) F300

**AIR FLOW - PRESSURE (8 poles)**

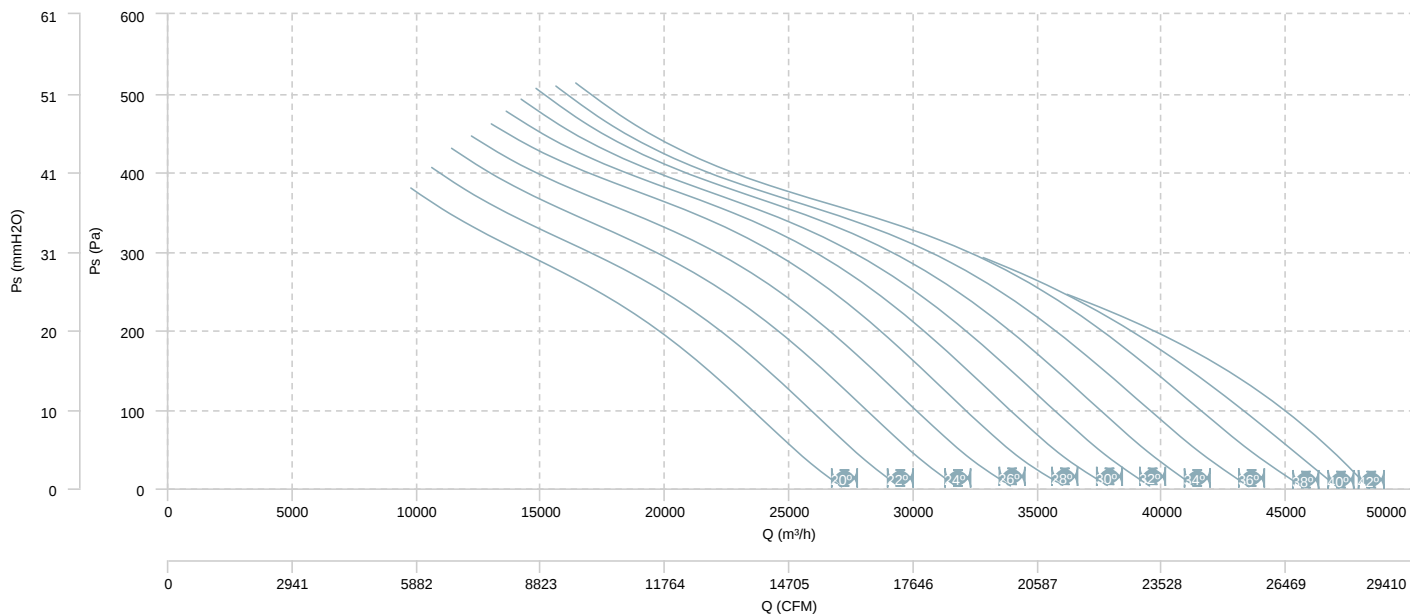


**AIR FLOW - MECHANICAL POWER (8 poles)**

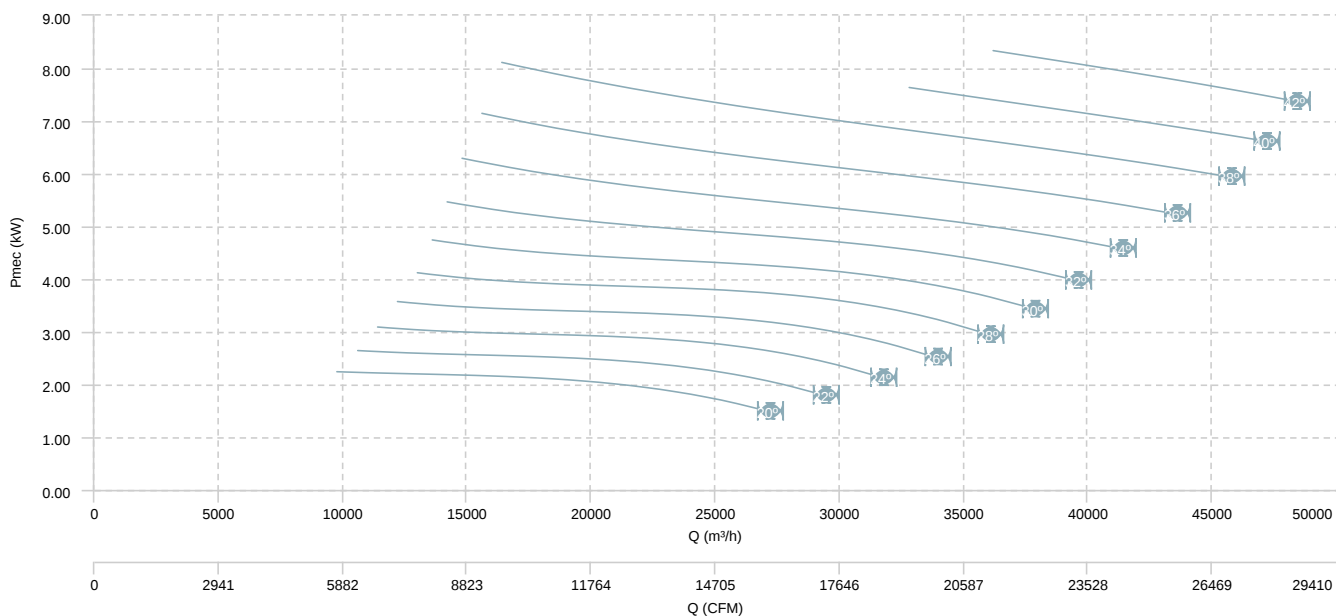


HMXF 90 T4 (A6:3) F300

**AIR FLOW - PRESSURE**

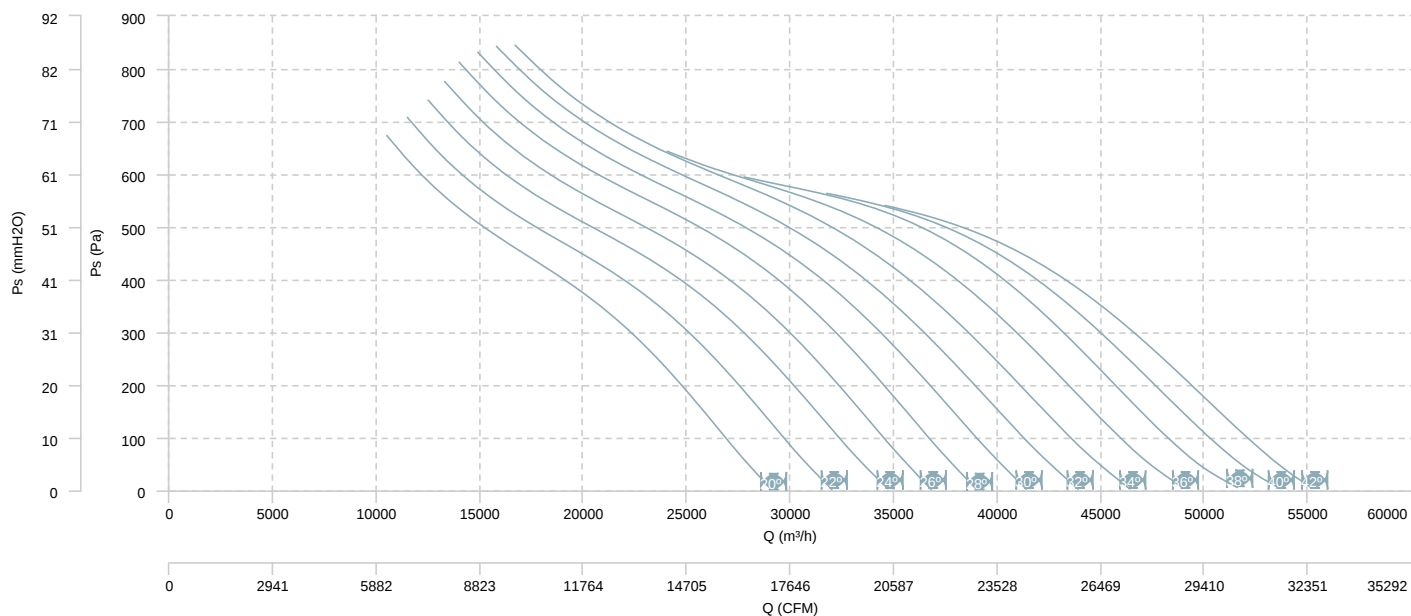


**AIR FLOW - MECHANICAL POWER**

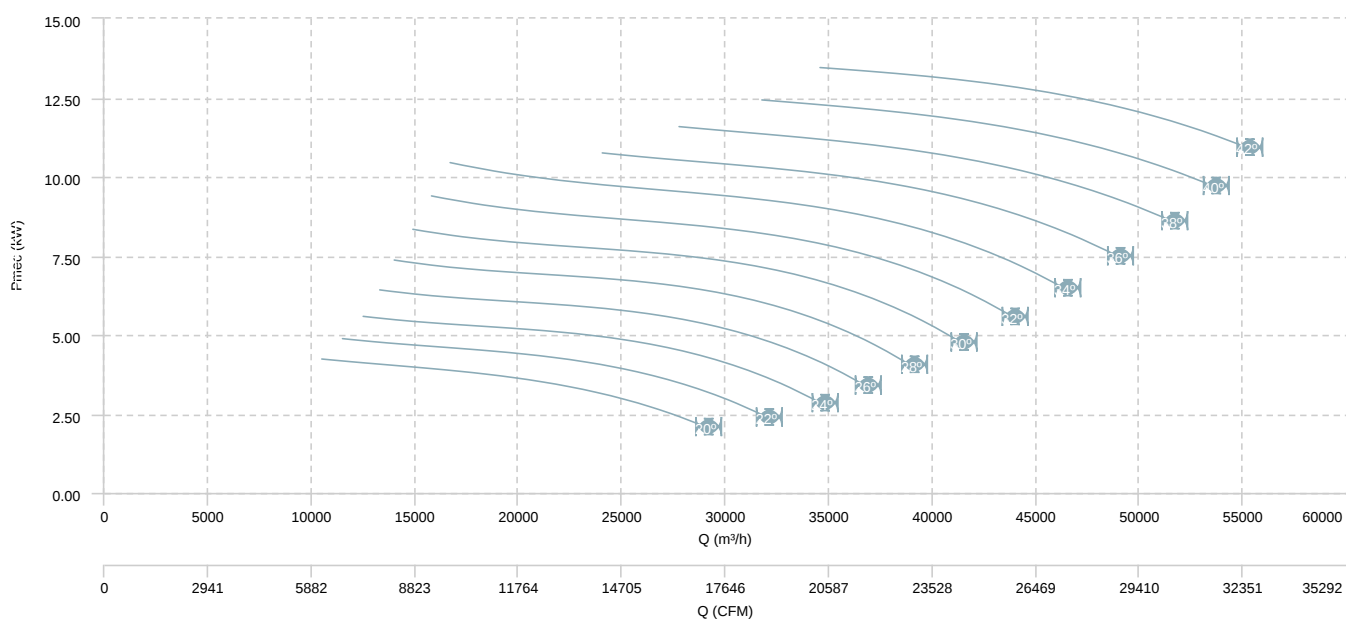


**HMXF 90 T4 (A6:6) F300**

**AIR FLOW - PRESSURE**

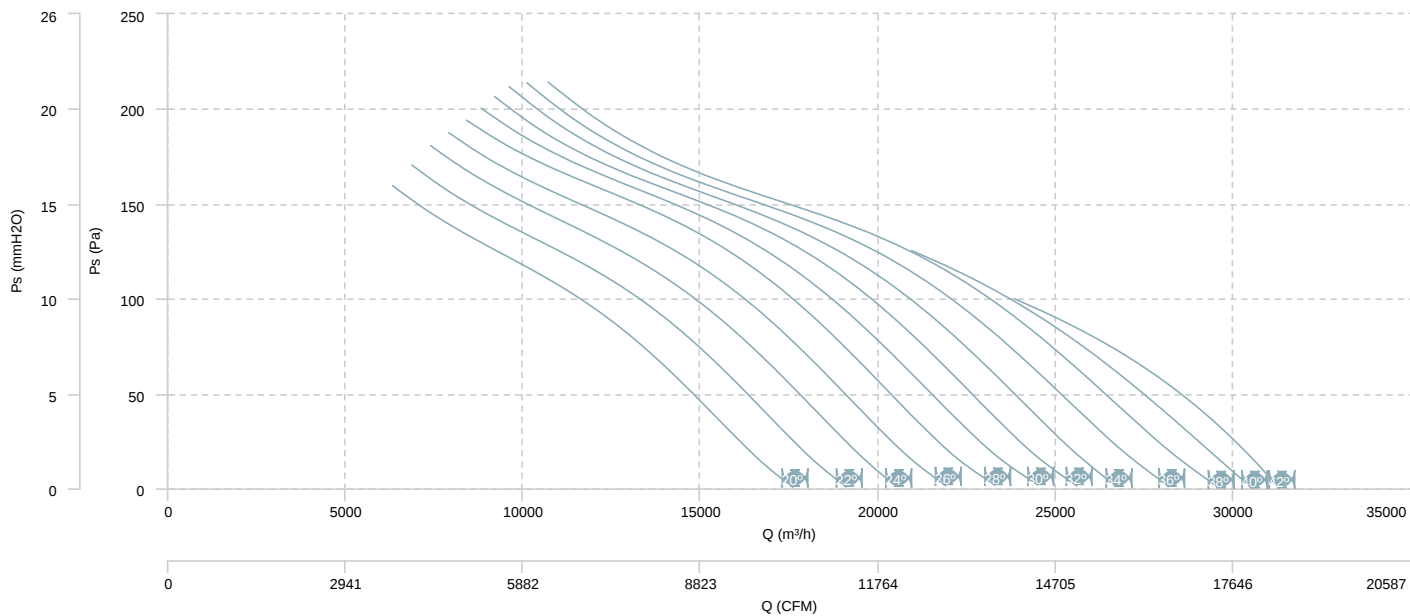


**AIR FLOW - MECHANICAL POWER**

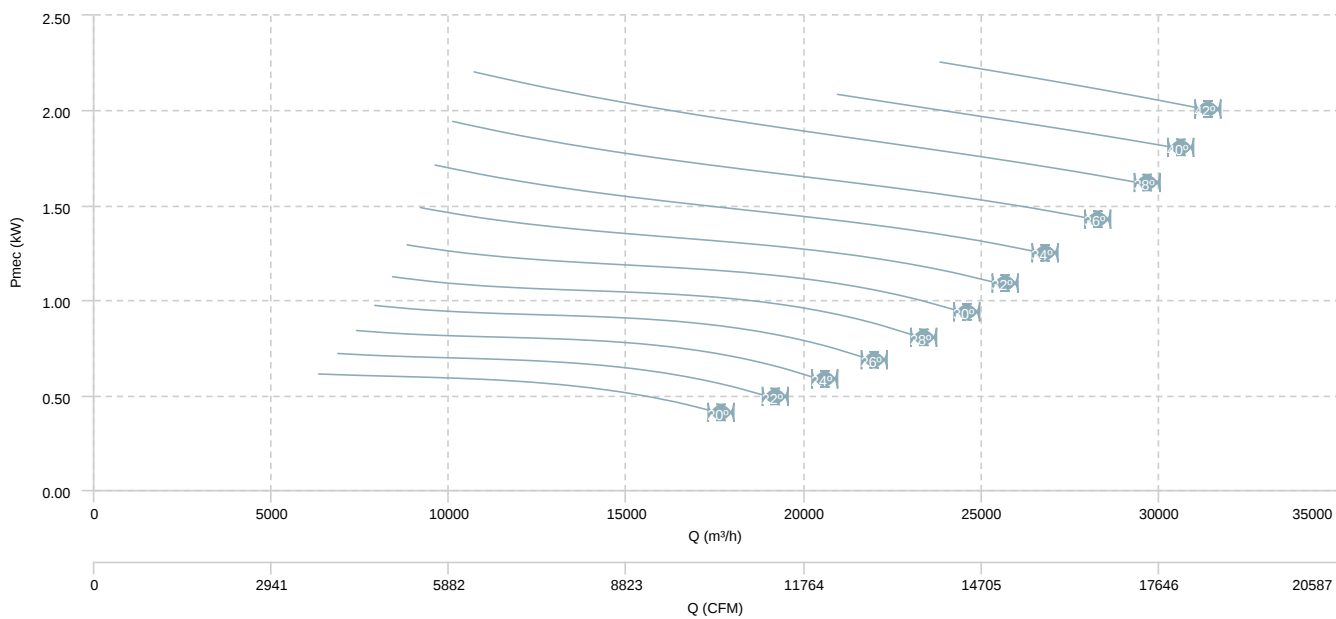


HMFx 90 T6 (A6:3) F300

**AIR FLOW - PRESSURE**

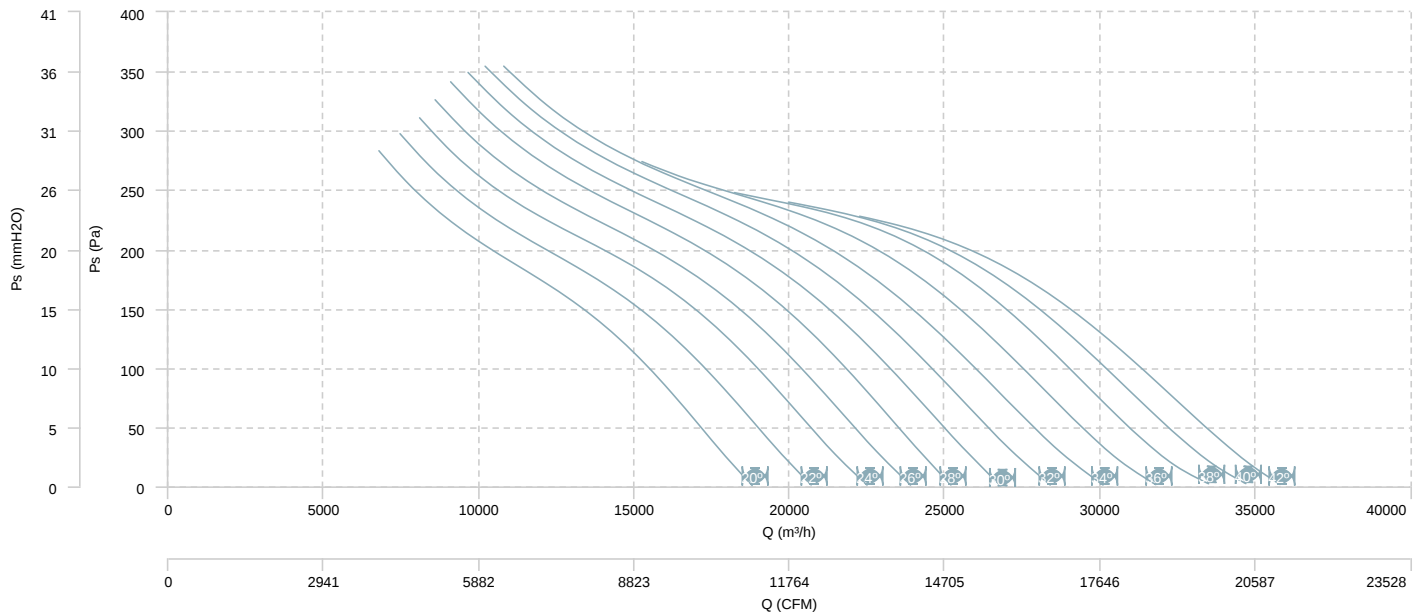


**AIR FLOW - MECHANICAL POWER**

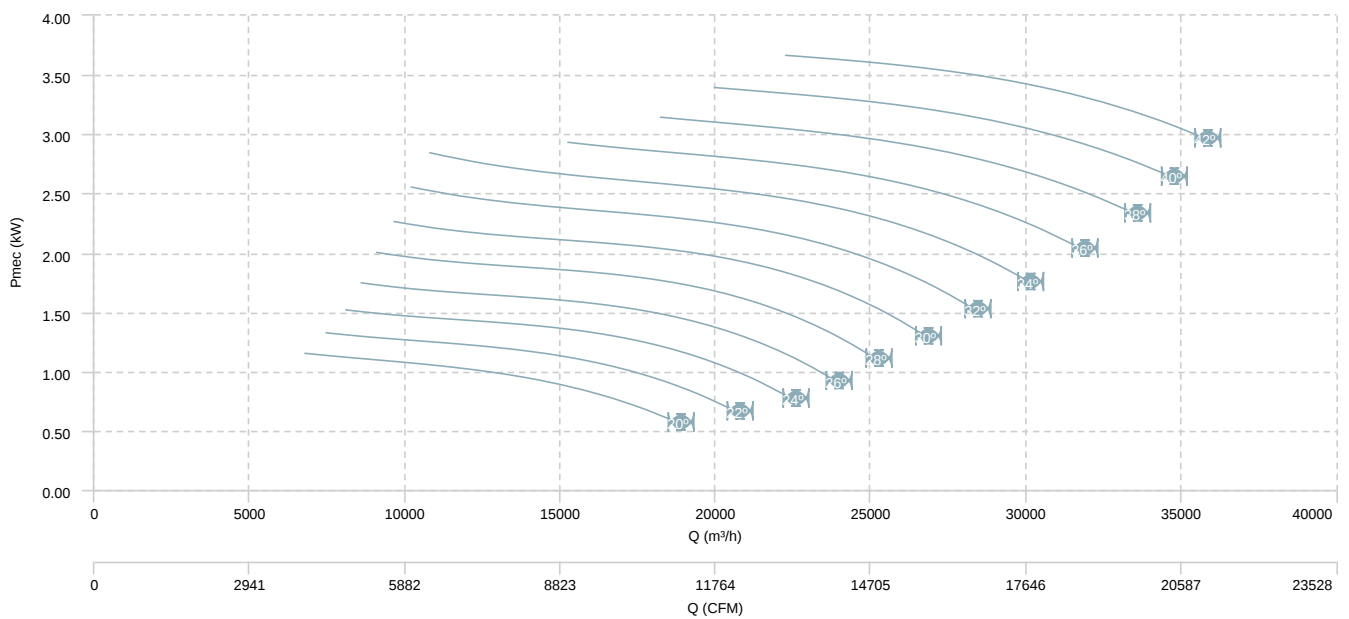


HMXF 90 T6 (A6:6) F300

**AIR FLOW - PRESSURE**

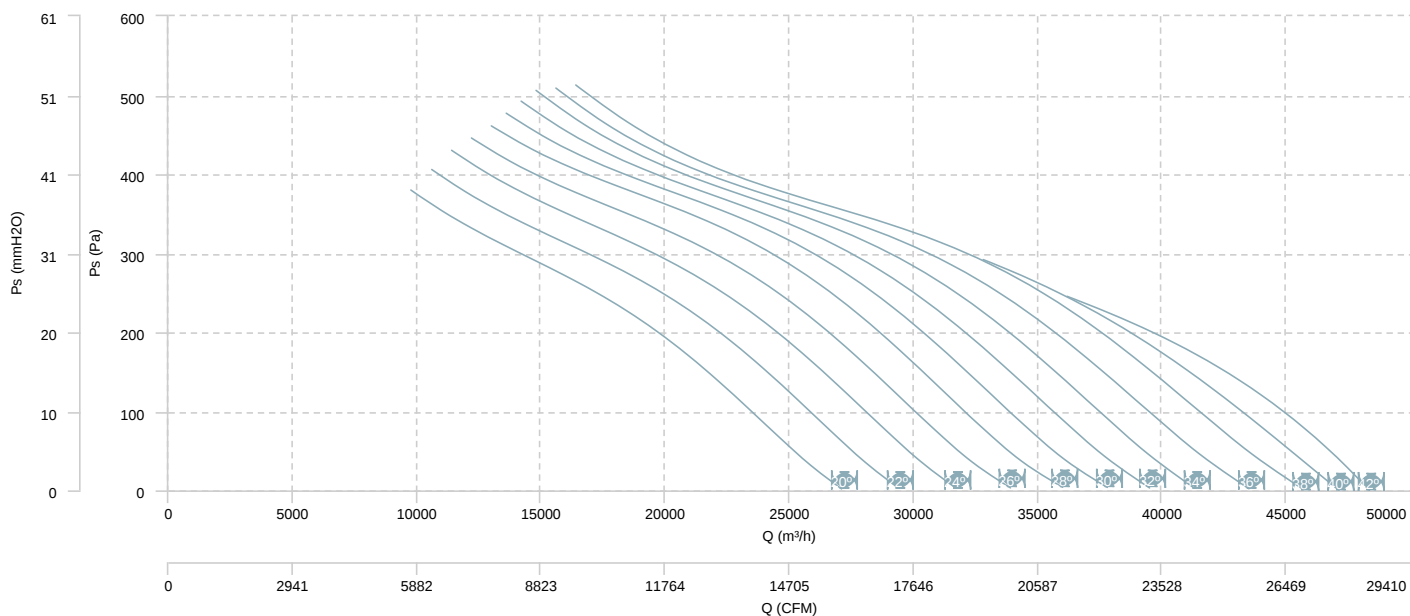


**AIR FLOW - MECHANICAL POWER**

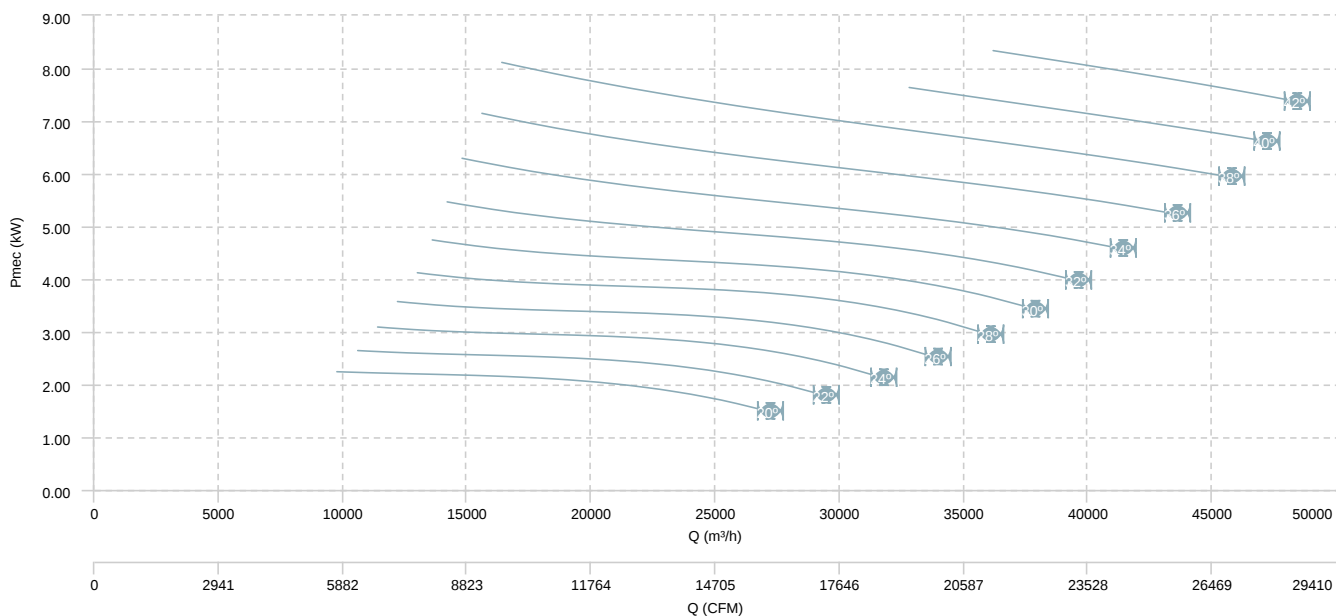


HMXF 90 T4/T6 (A6:3) F300

**AIR FLOW - PRESSURE (4 poles)**

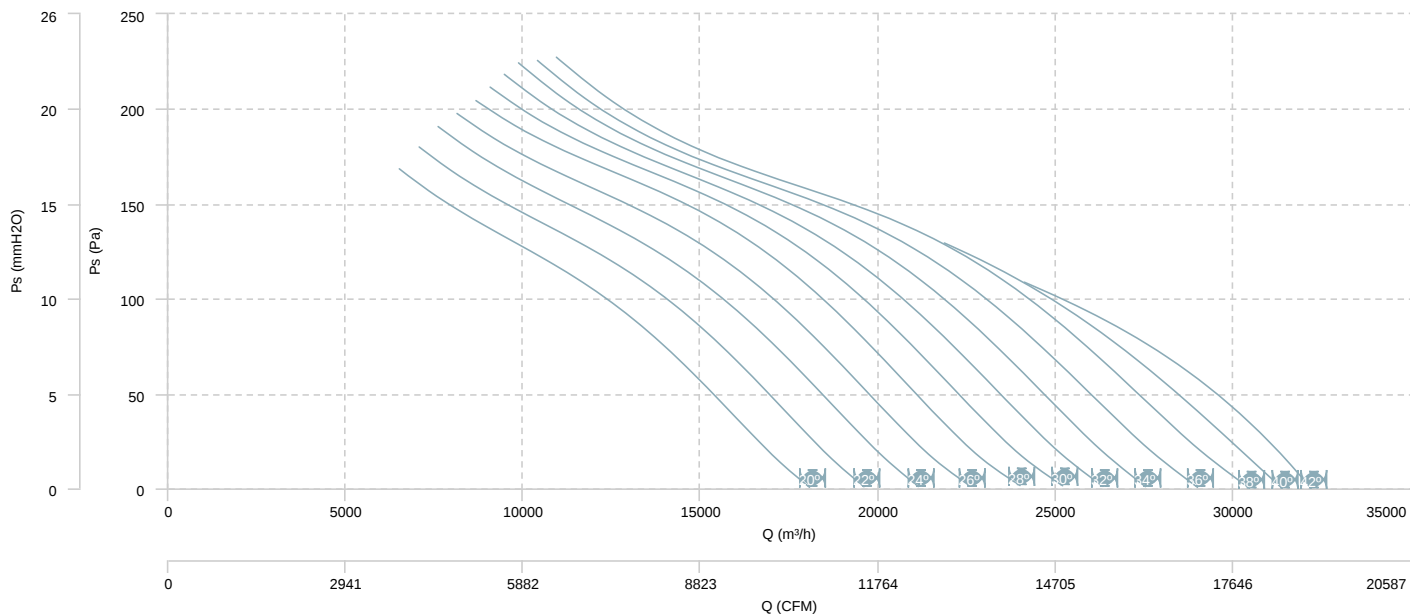


**AIR FLOW - MECHANICAL POWER (4 poles)**

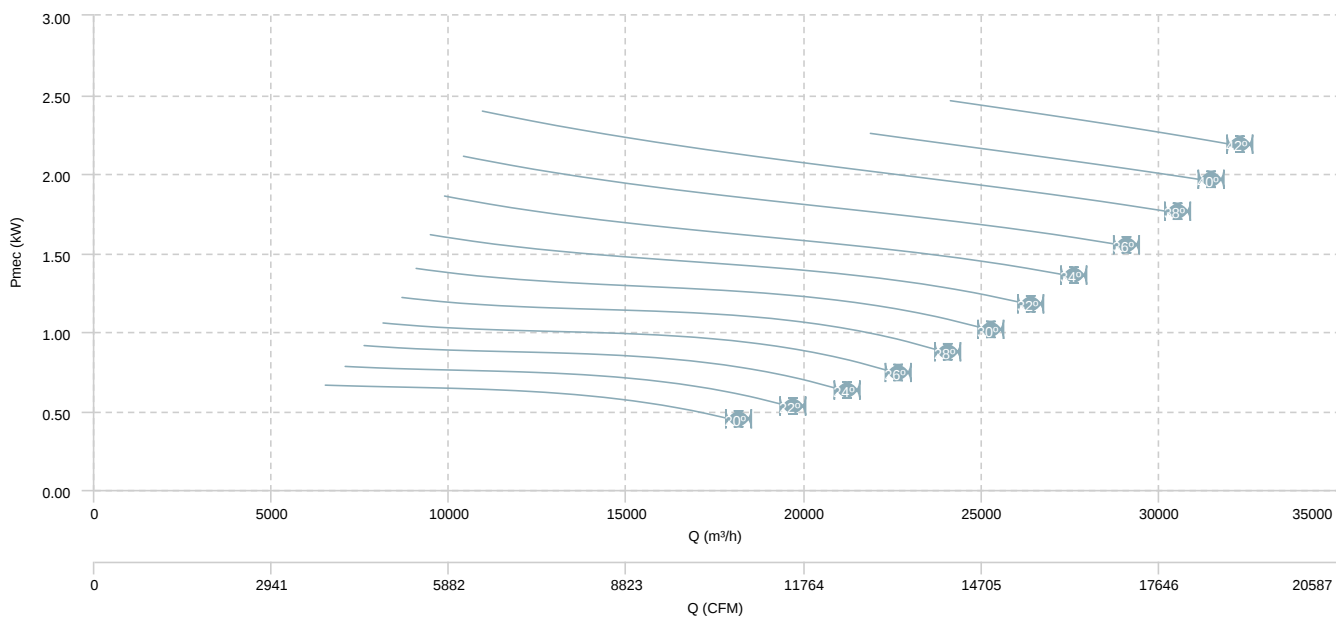


HMFx 90 T4/T6 (A6:3) F300

**AIR FLOW - PRESSURE (6 poles)**

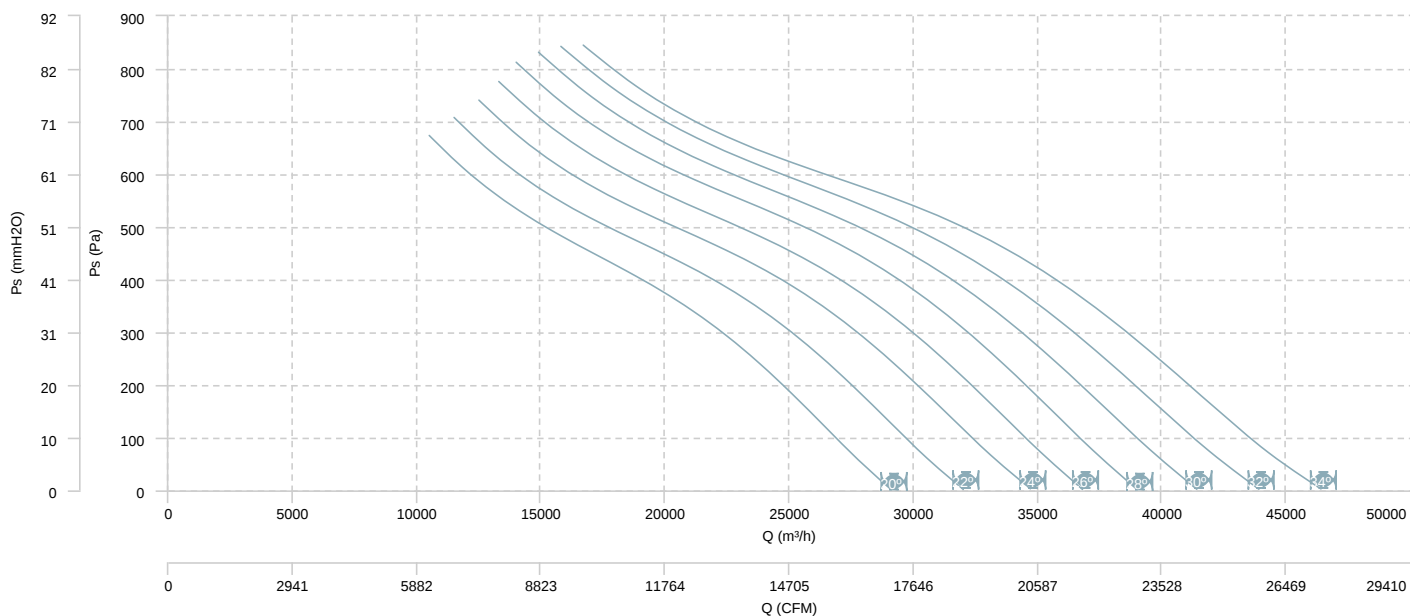


**AIR FLOW - MECHANICAL POWER (6 poles)**

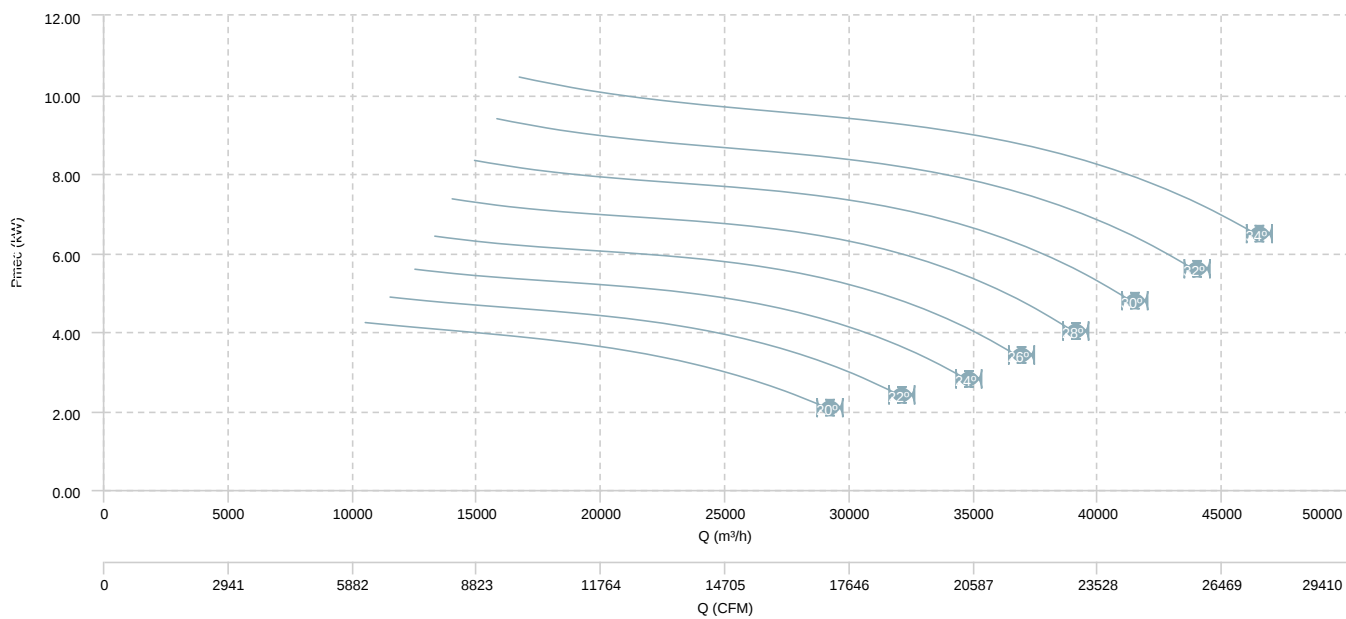


HMFx 90 T4/T6 (A6:6) F300

**AIR FLOW - PRESSURE (4 poles)**

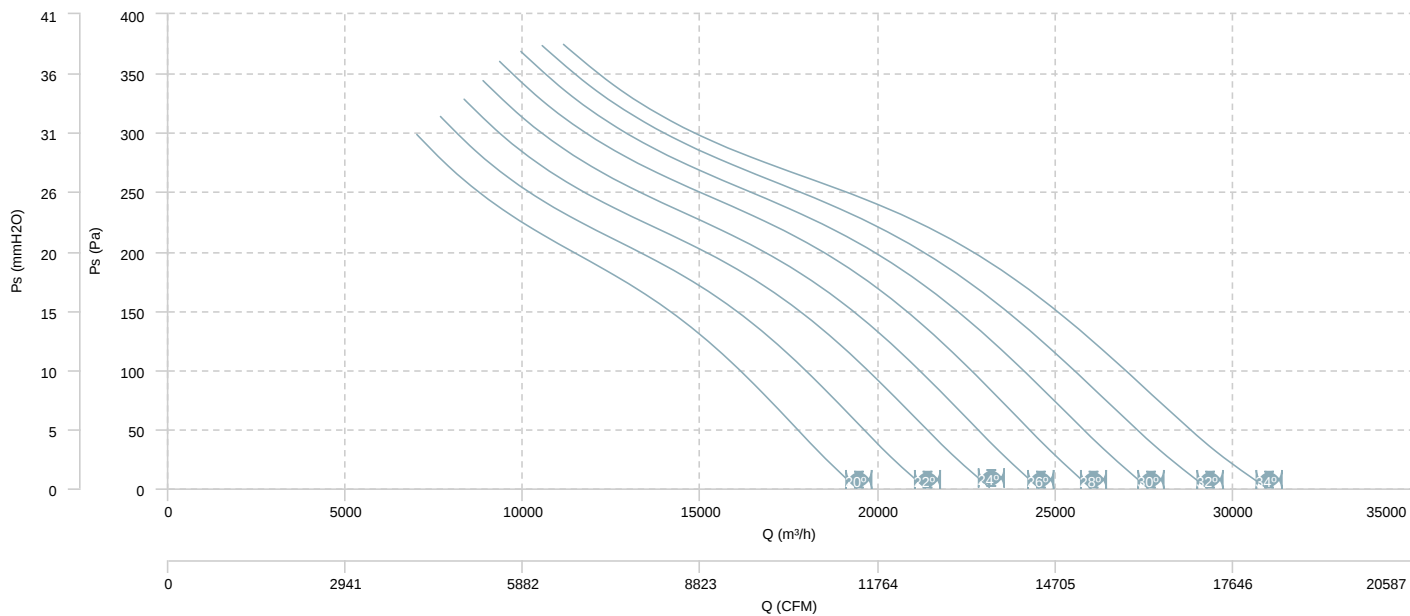


**AIR FLOW - MECHANICAL POWER (4 poles)**

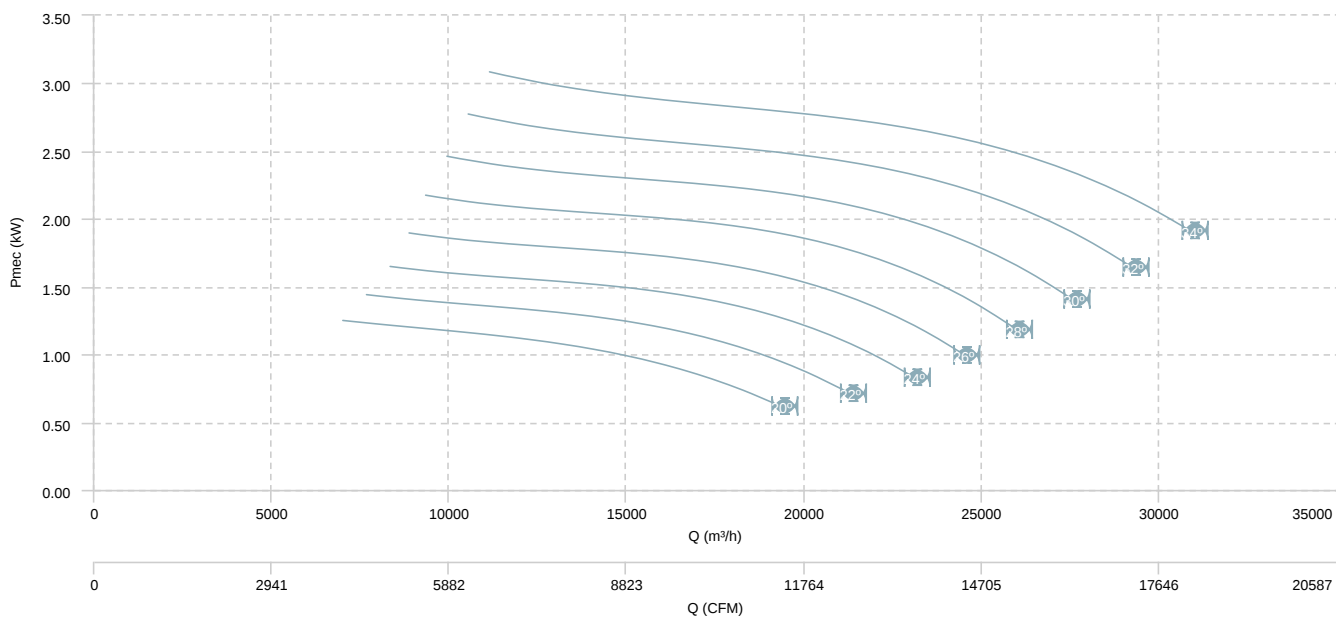


HMFx 90 T4/T6 (A6:6) F300

**AIR FLOW - PRESSURE (6 poles)**

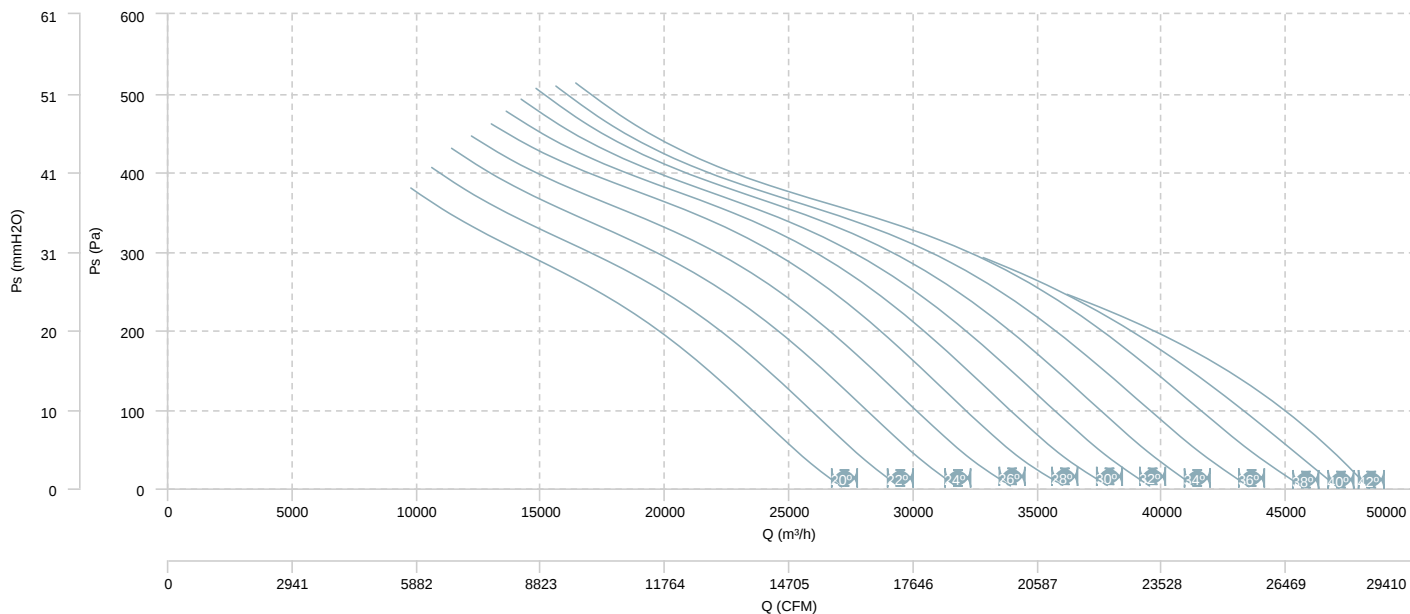


**AIR FLOW - MECHANICAL POWER (6 poles)**

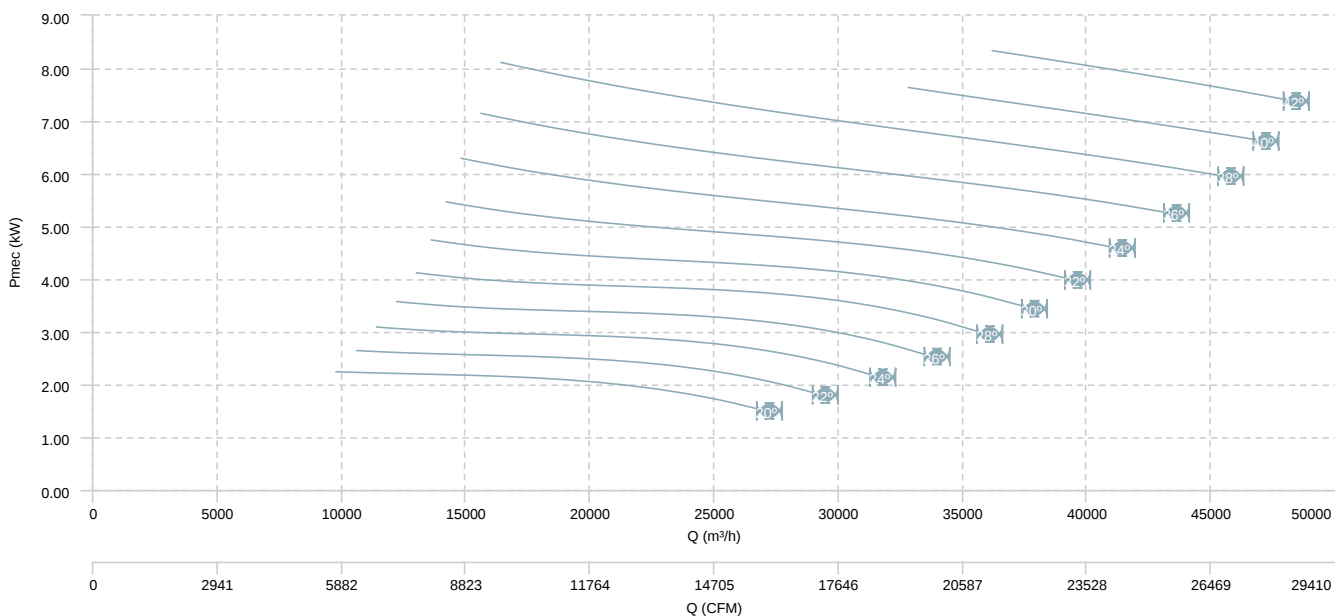


HMFx 90 T4/T8 (A6:3) F300

**AIR FLOW - PRESSURE (4 poles)**

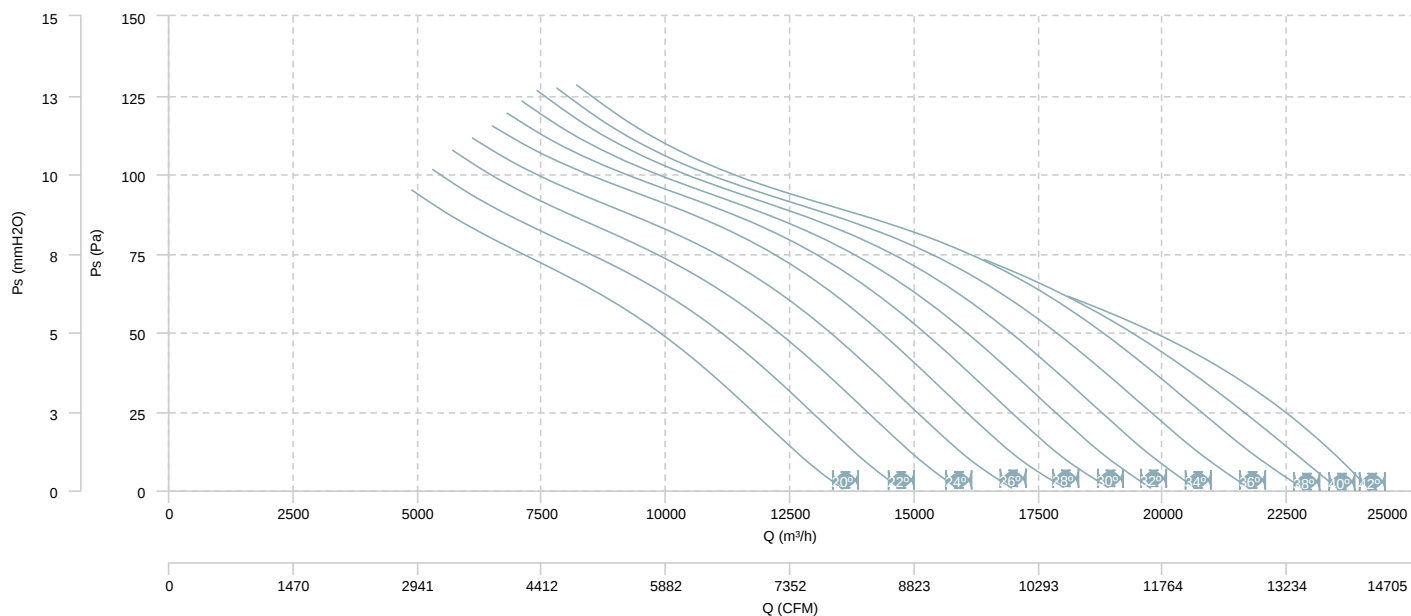


**AIR FLOW - MECHANICAL POWER (4 poles)**

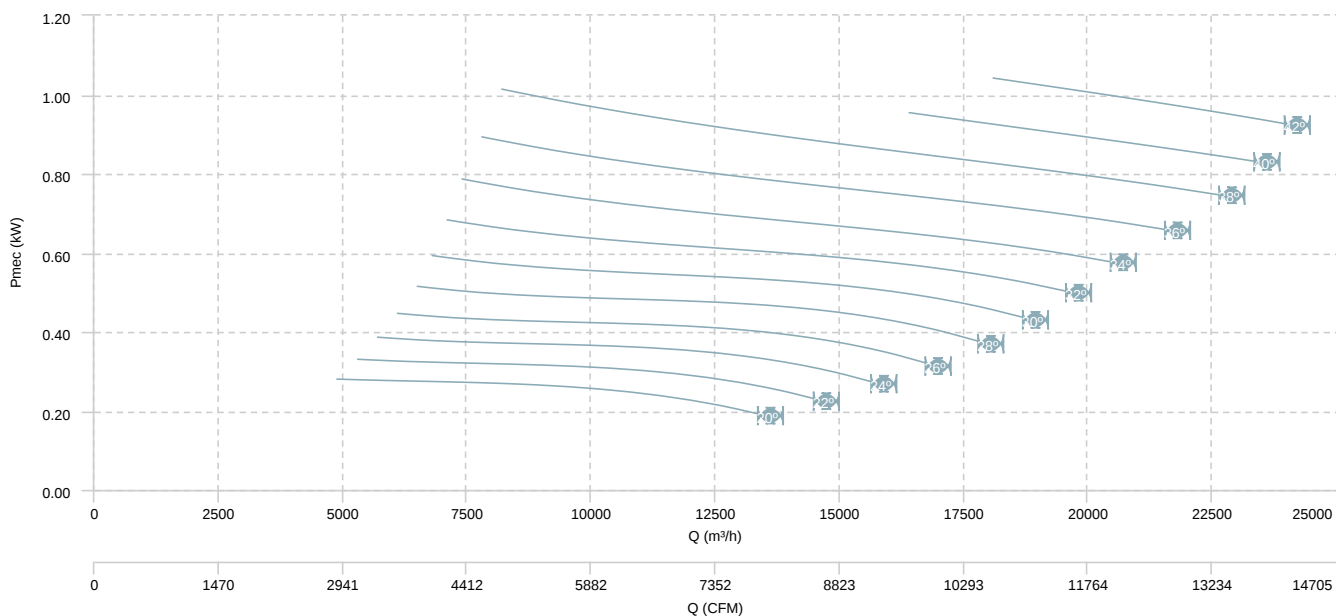


HMFx 90 T4/T8 (A6:3) F300

### AIR FLOW - PRESSURE (8 poles)

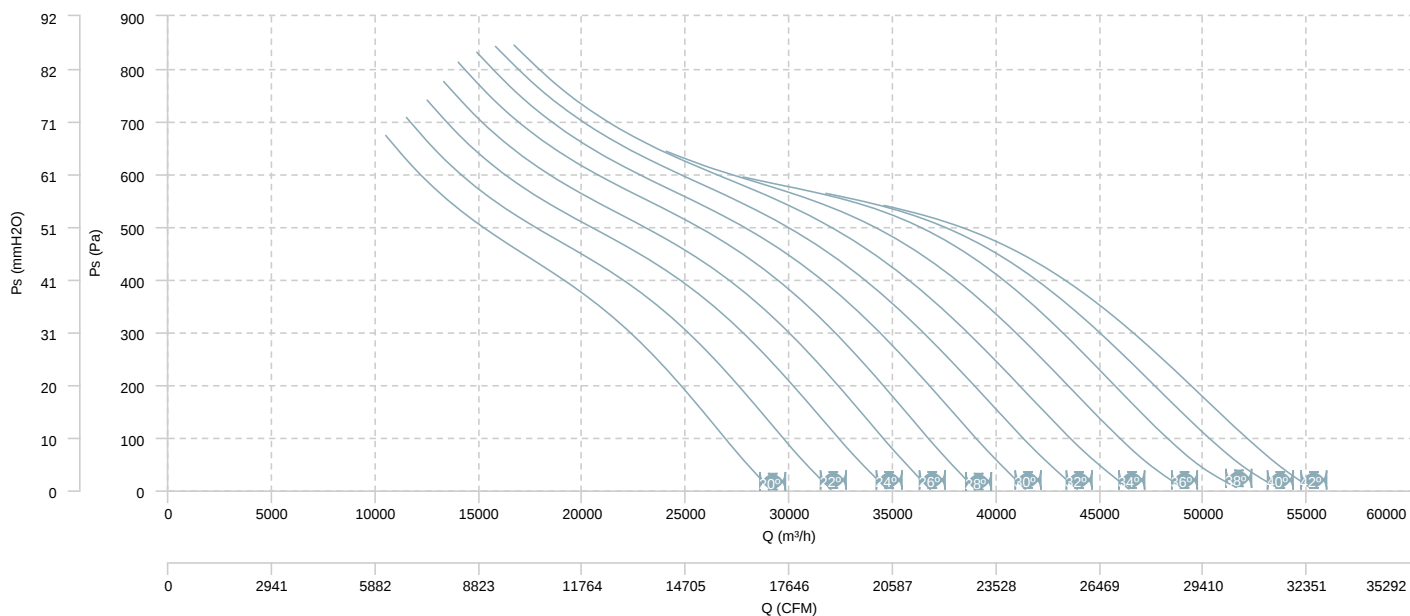


### AIR FLOW - MECHANICAL POWER (8 poles)

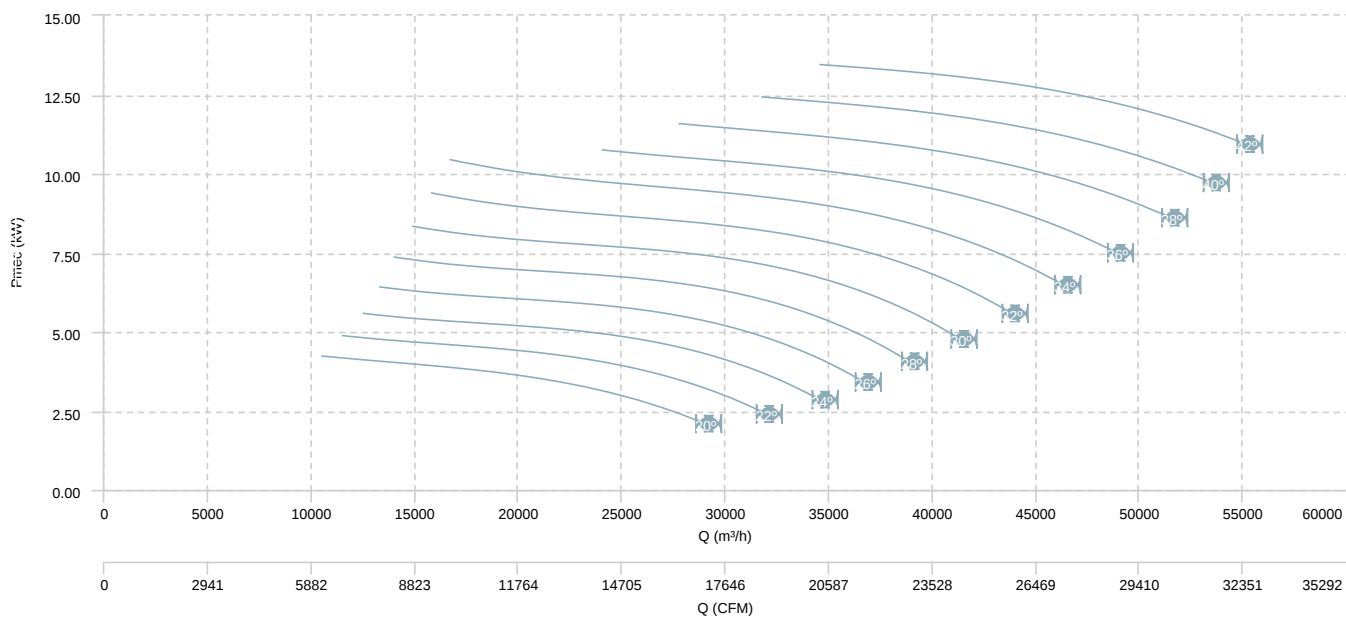


HMFx 90 T4/T8 (A6:6) F300

**AIR FLOW - PRESSURE (4 poles)**

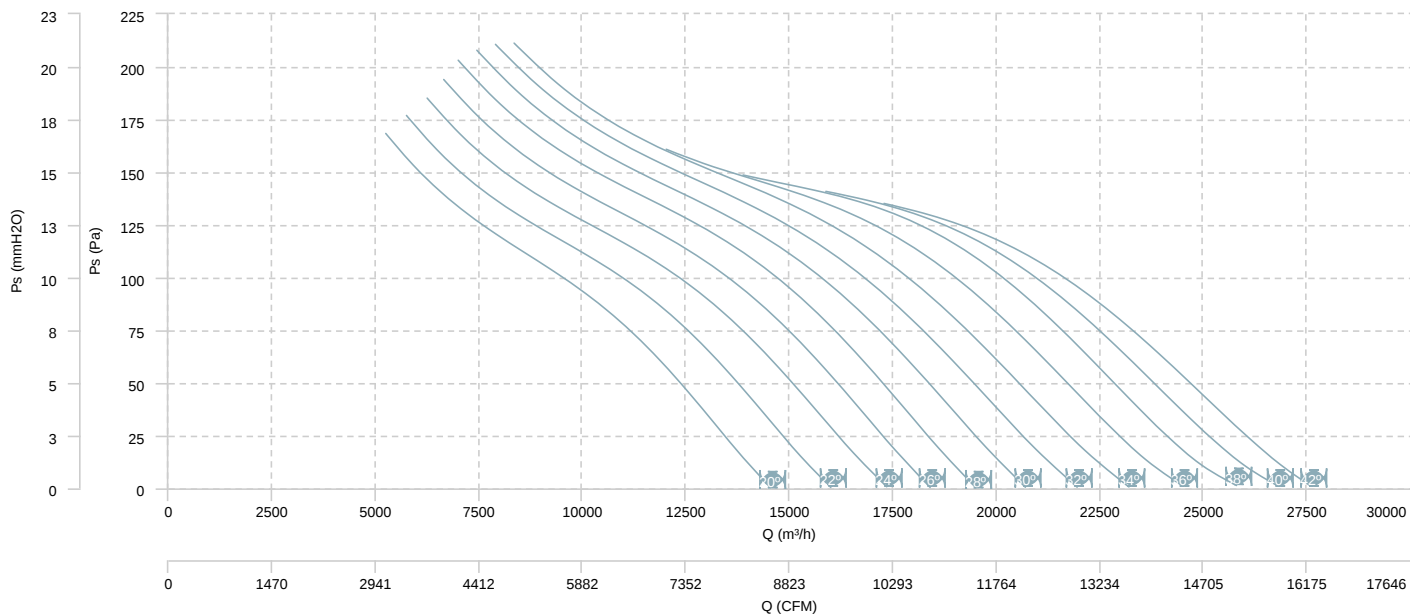


**AIR FLOW - MECHANICAL POWER (4 poles)**

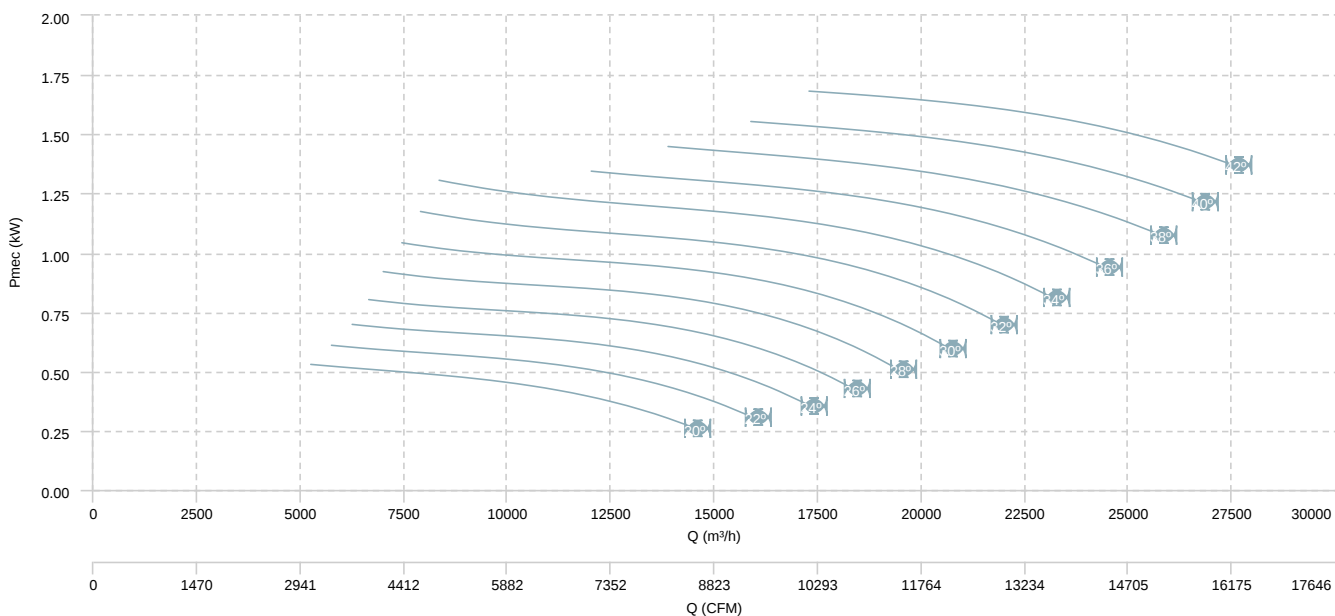


HMXF 90 T4/T8 (A6:6) F300

**AIR FLOW - PRESSURE (8 poles)**

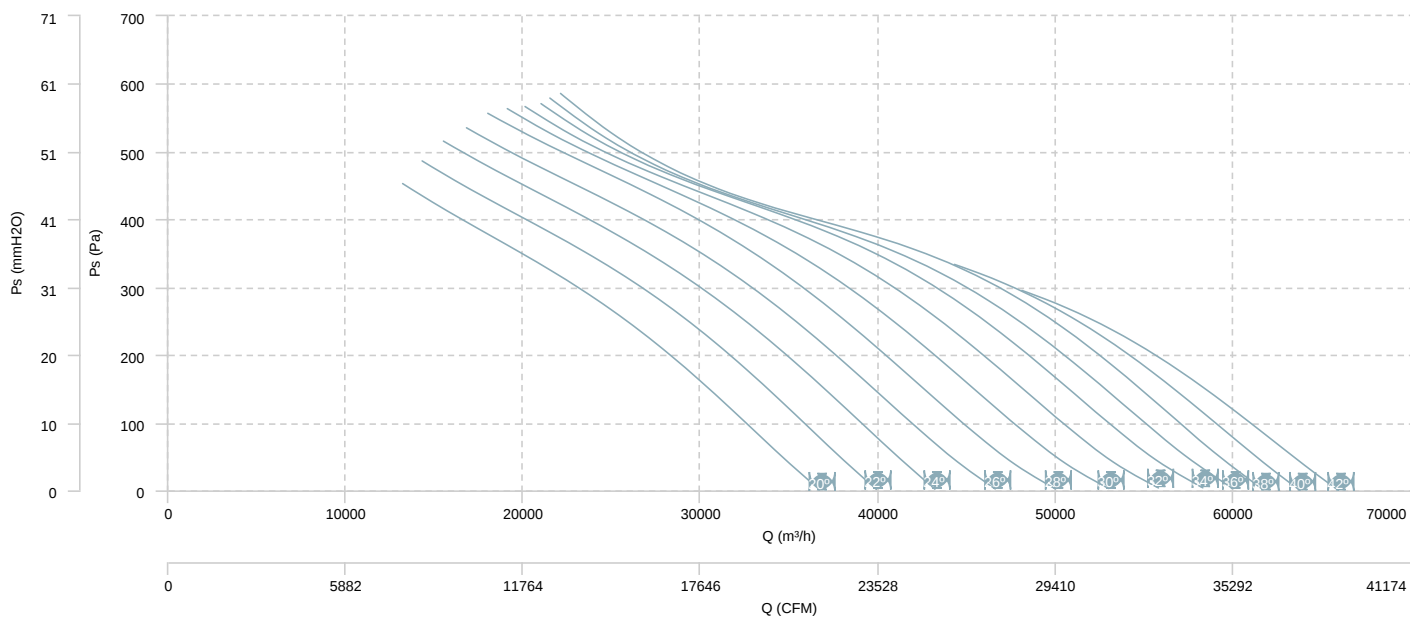


**AIR FLOW - MECHANICAL POWER (8 poles)**

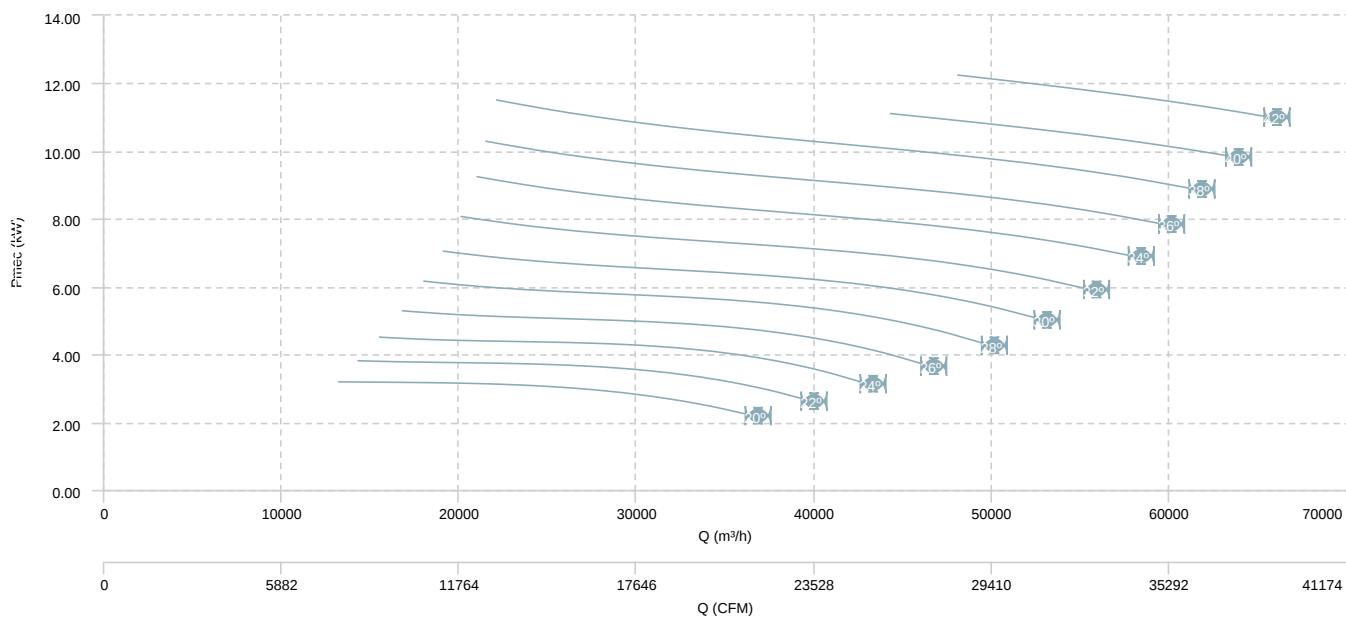


HMXF 100 T4 (A6:3) F300

**AIR FLOW - PRESSURE**

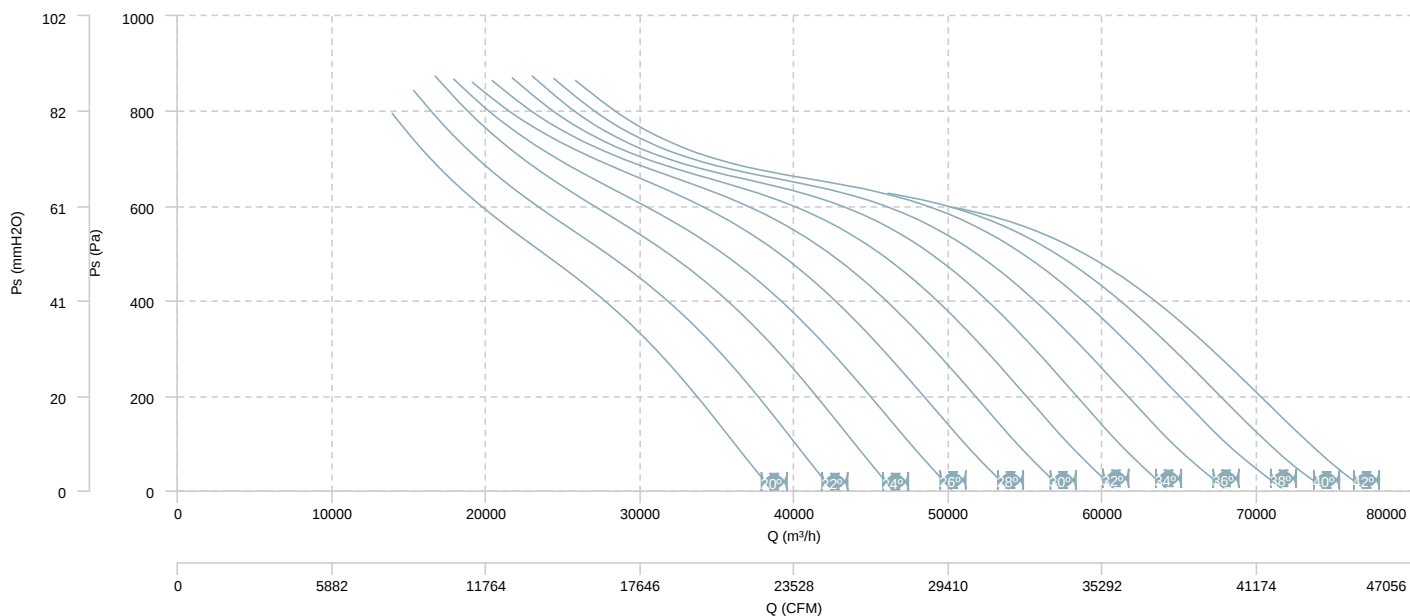


**AIR FLOW - MECHANICAL POWER**

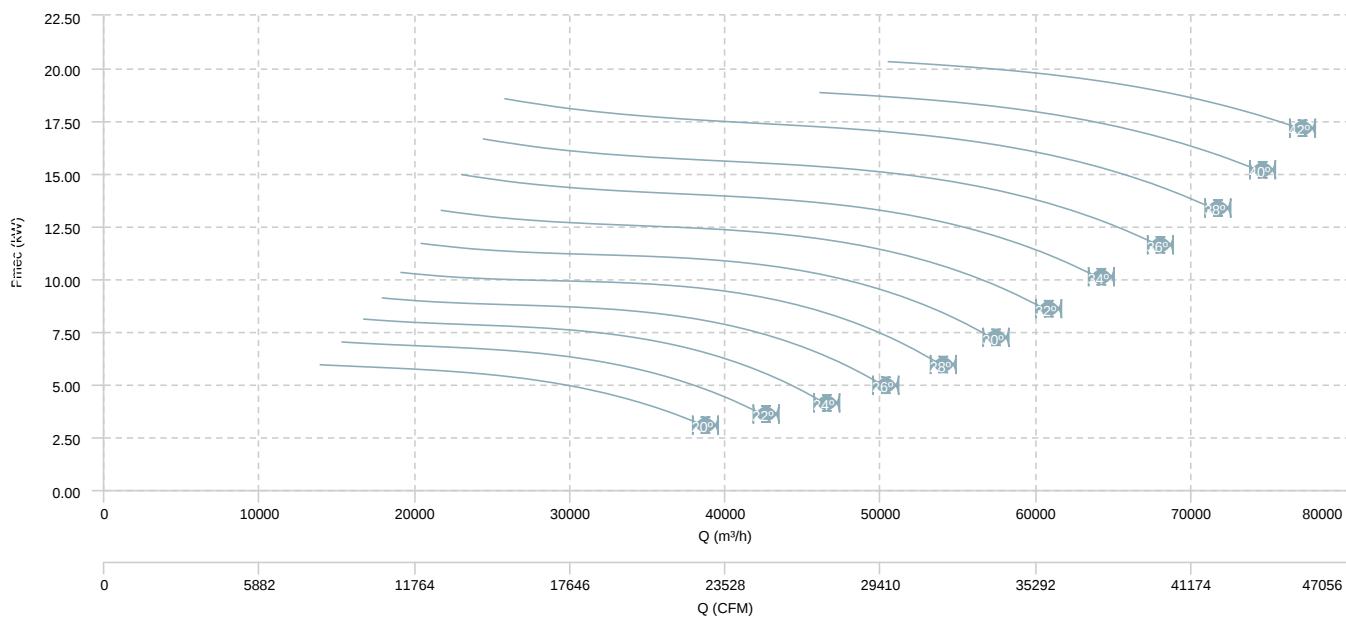


HMFX 100 T4 (A6:6) F300

**AIR FLOW - PRESSURE**

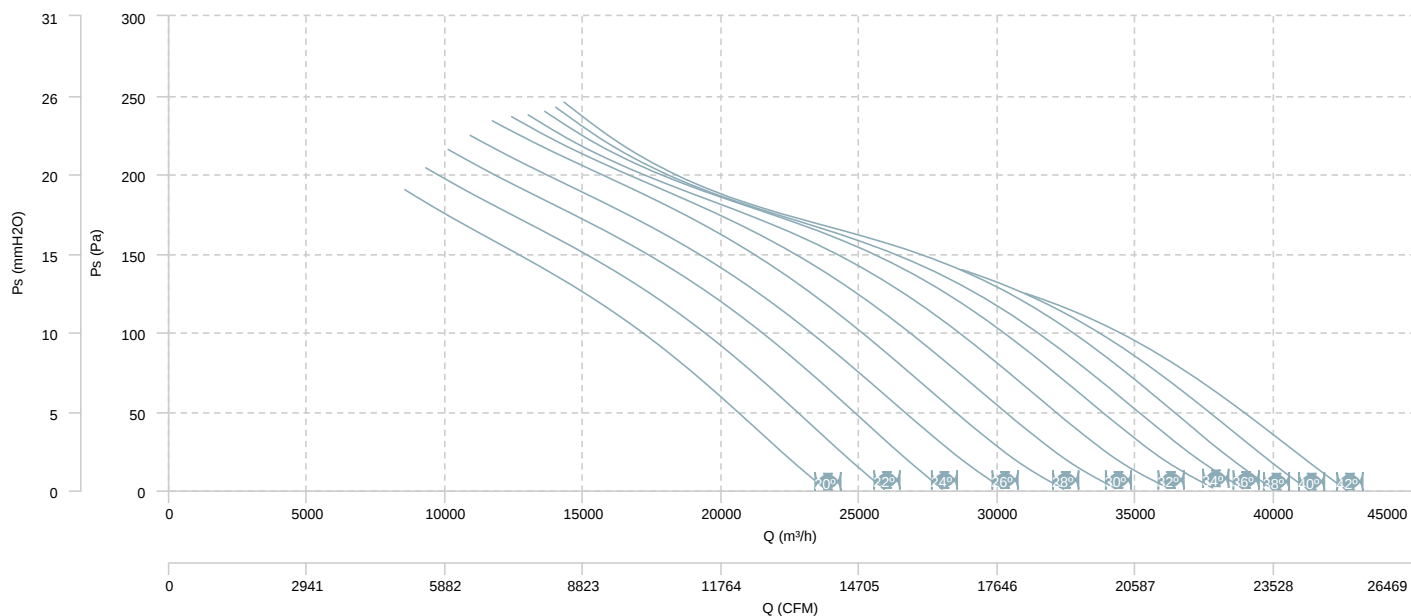


**AIR FLOW - MECHANICAL POWER**

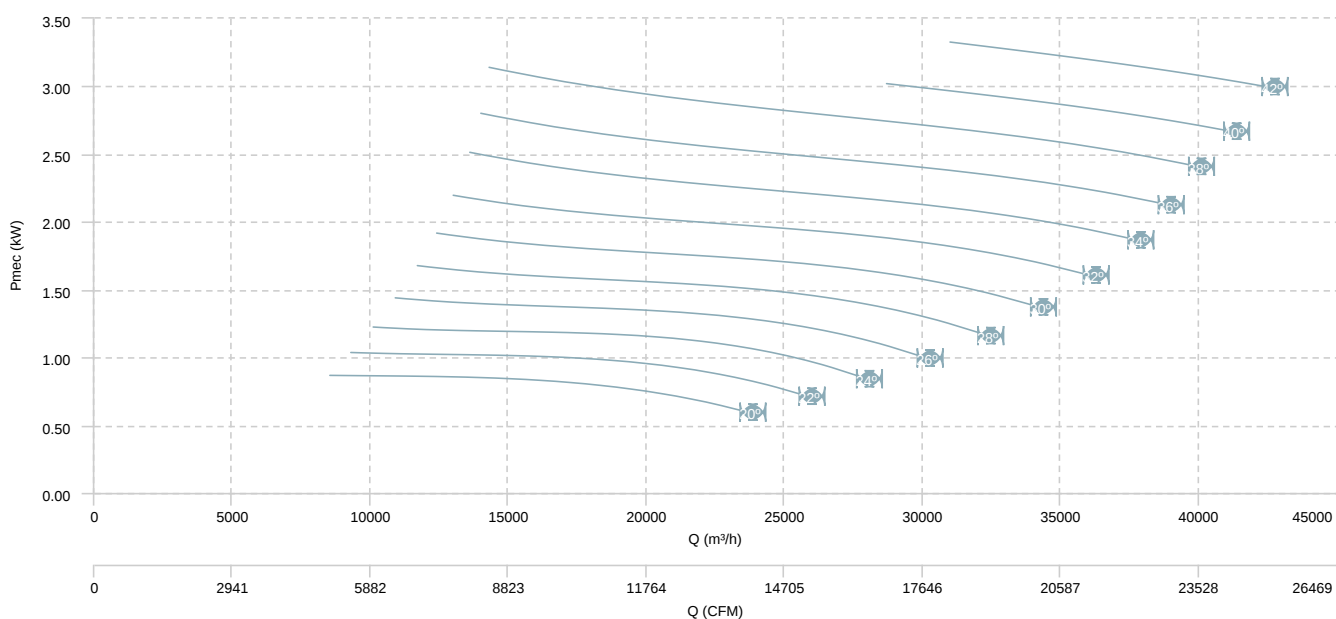


HMFx 100 T6 (A6:3) F300

**AIR FLOW - PRESSURE**

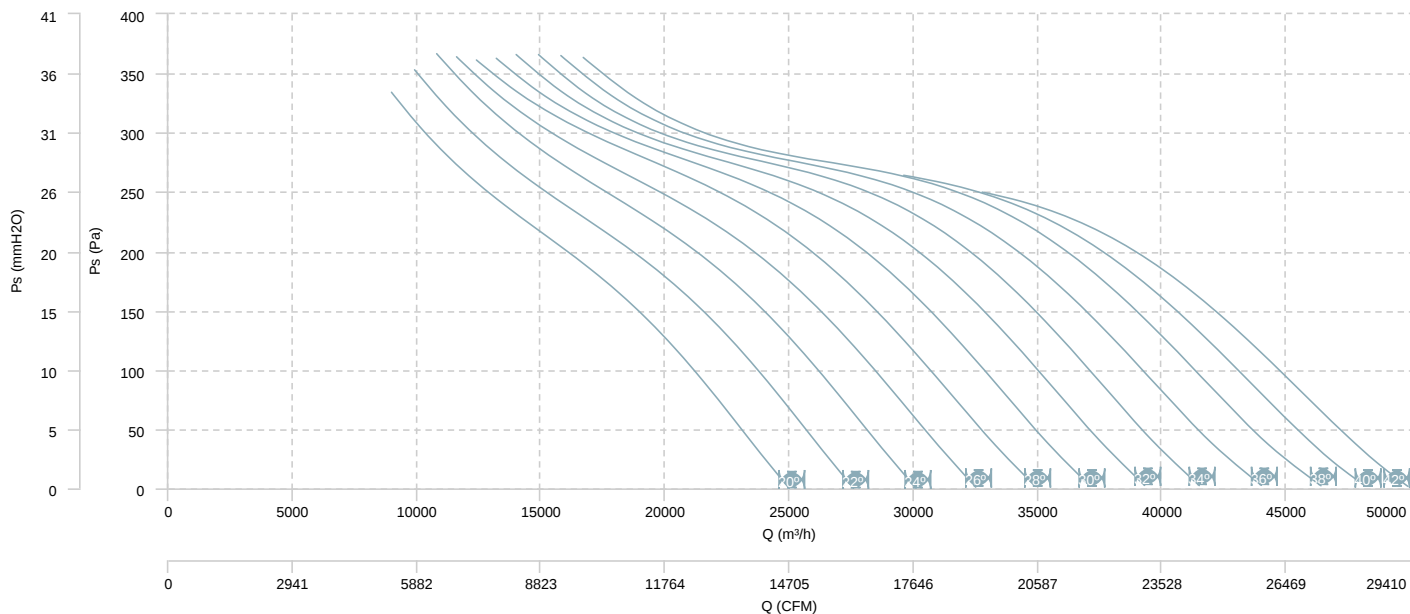


**AIR FLOW - MECHANICAL POWER**

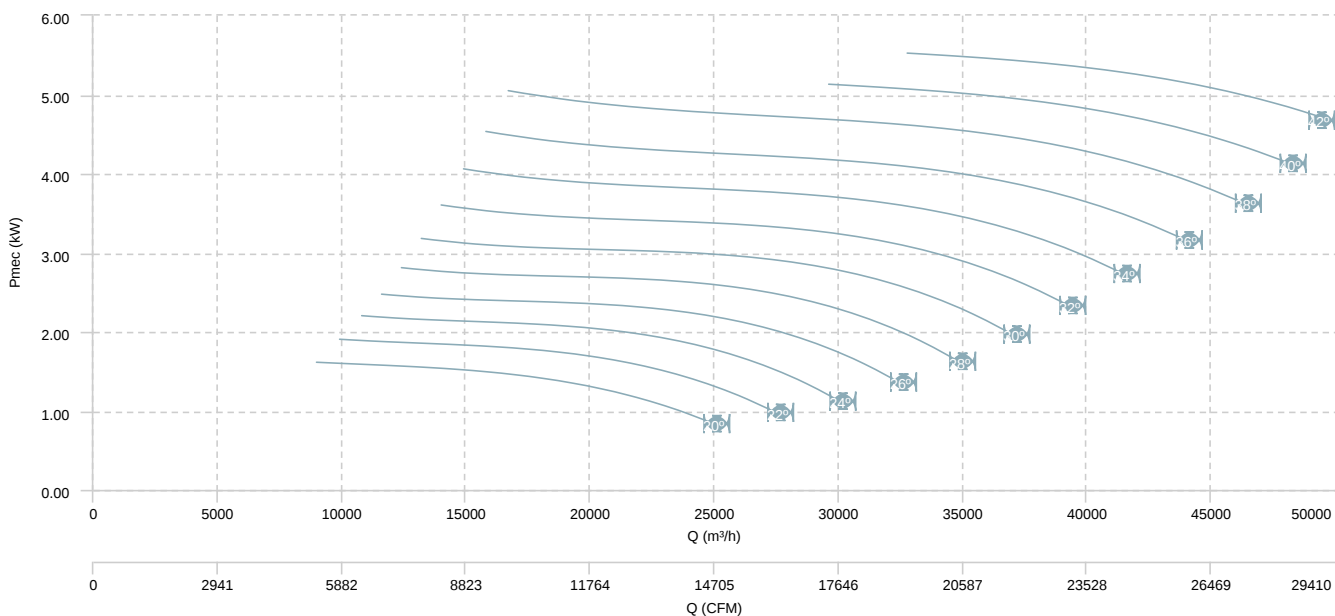


HMXF 100 T6 (A6:6) F300

**AIR FLOW - PRESSURE**

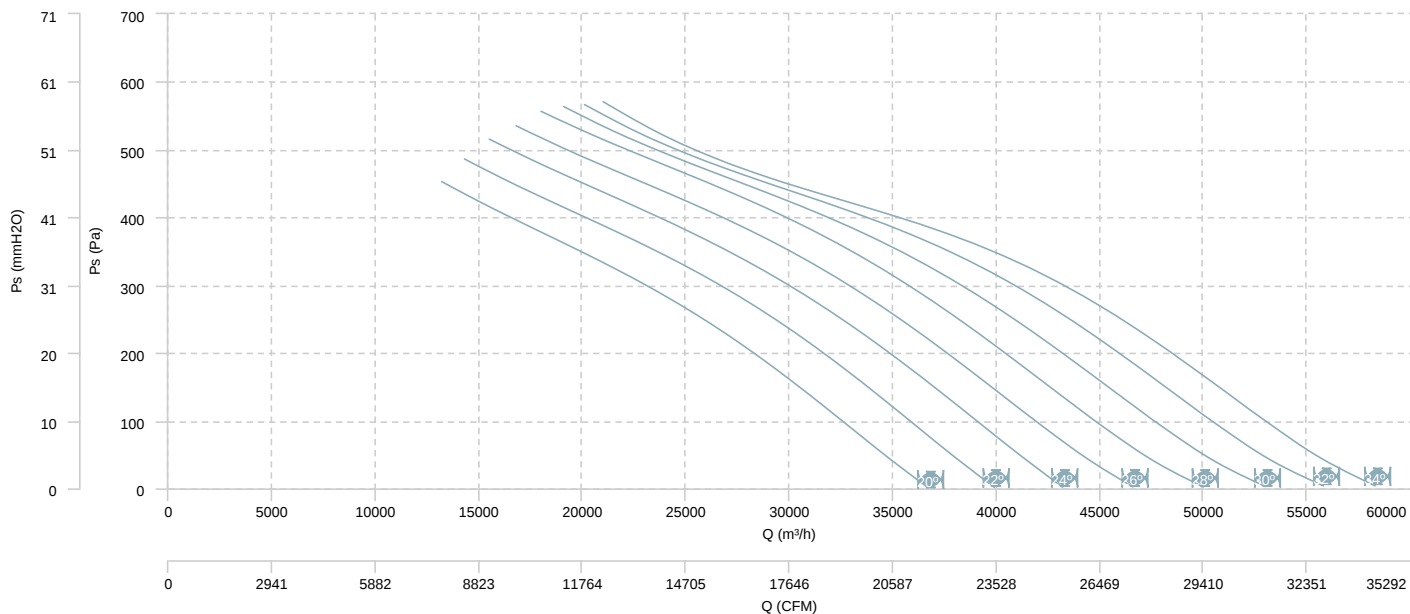


**AIR FLOW - MECHANICAL POWER**

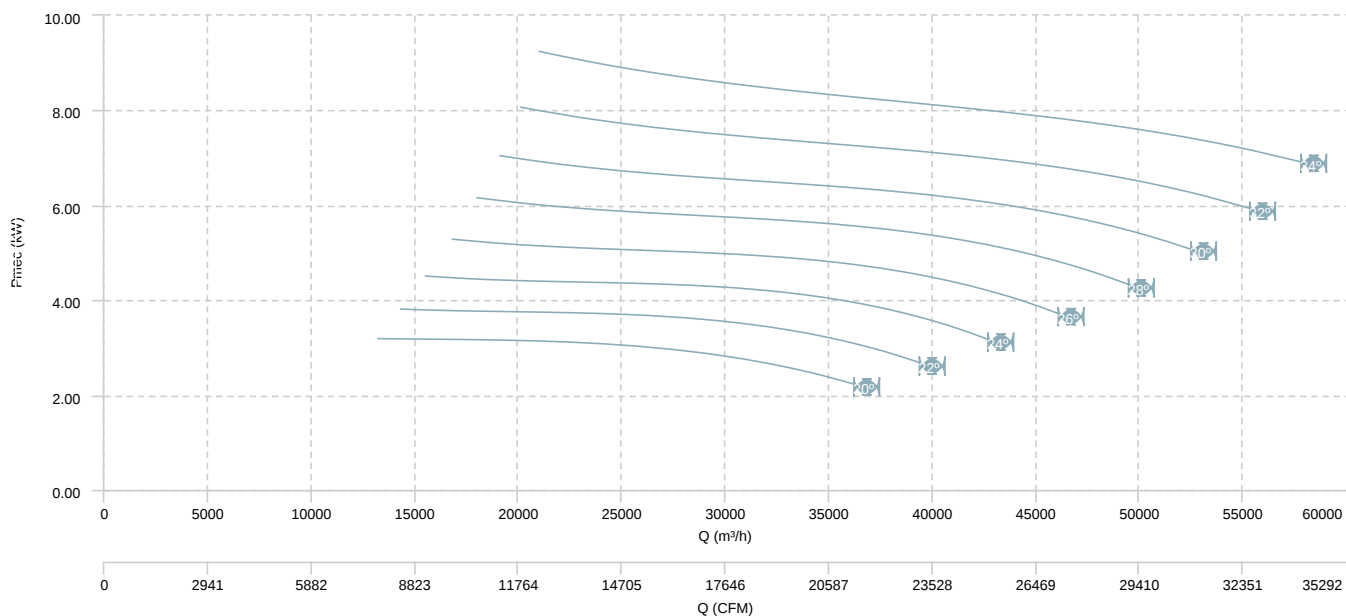


HMFx 100 T4/T6 (A6:3) F300

### AIR FLOW - PRESSURE (4 poles)

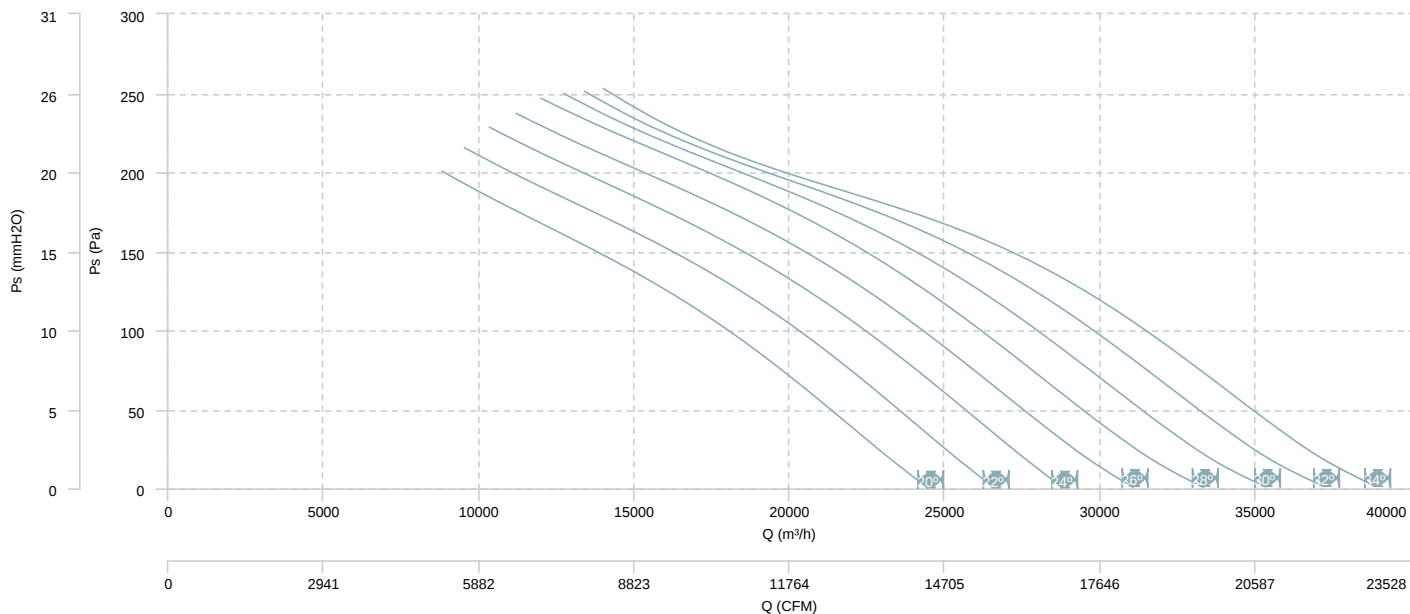


### AIR FLOW - MECHANICAL POWER (4 poles)

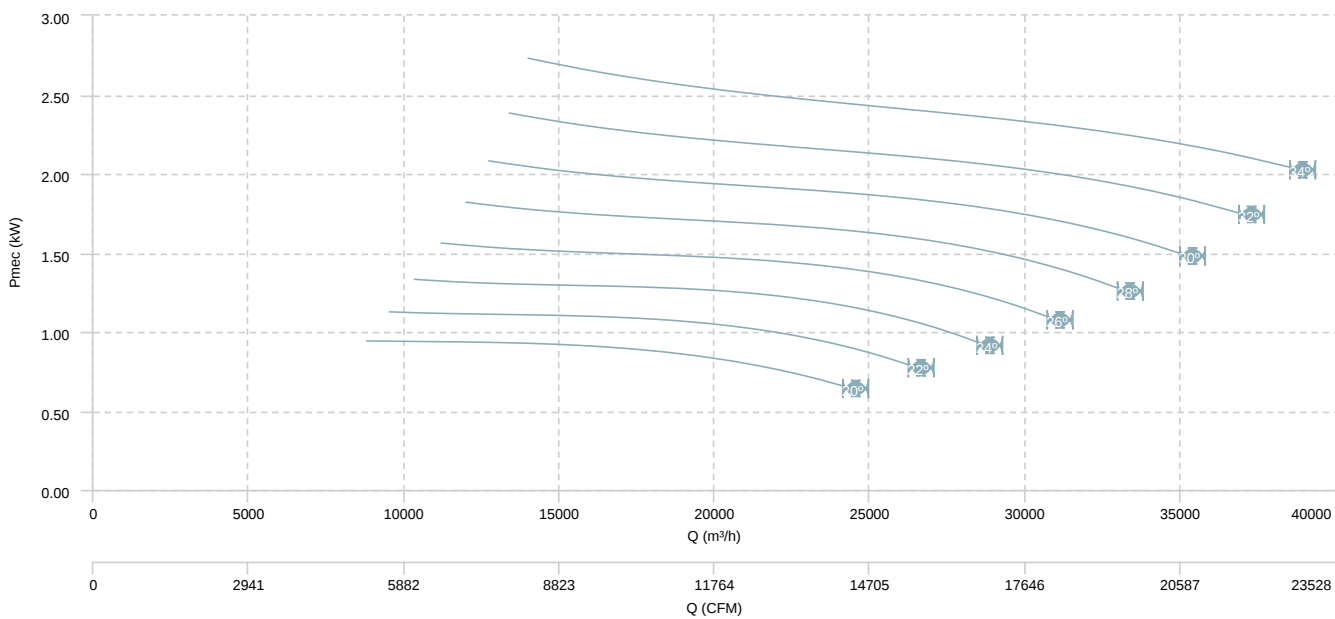


HMXF 100 T4/T6 (A6:3) F300

**AIR FLOW - PRESSURE (6 poles)**

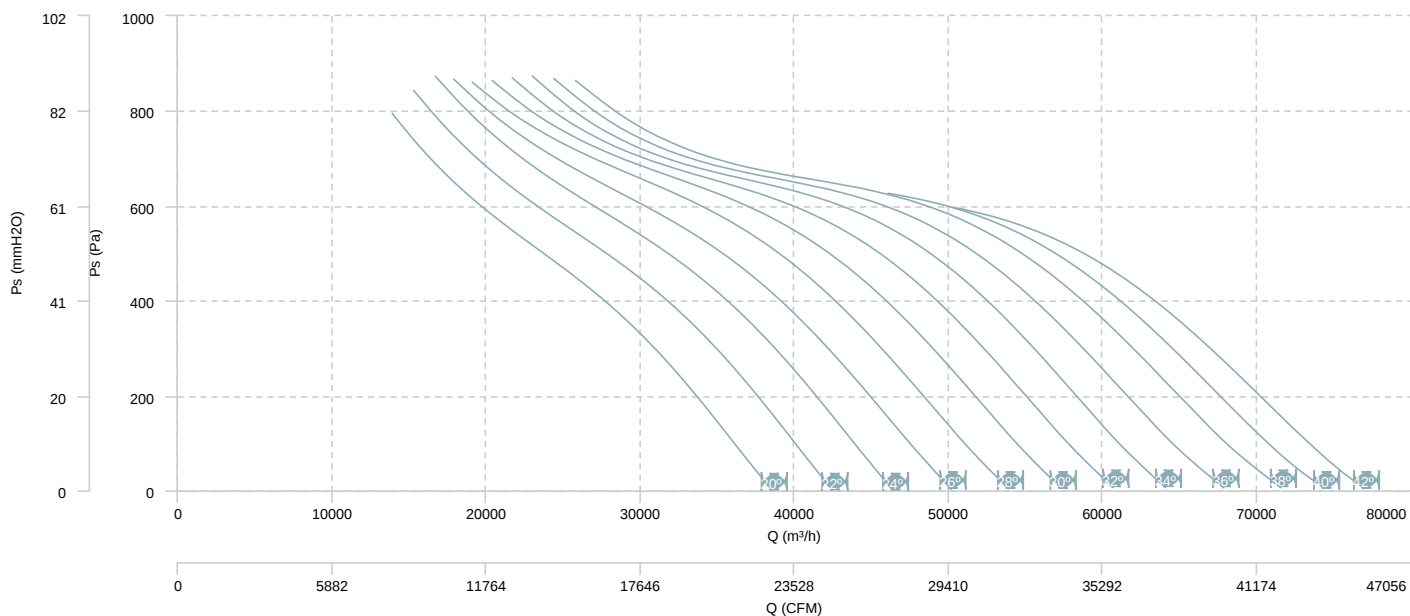


**AIR FLOW - MECHANICAL POWER (6 poles)**

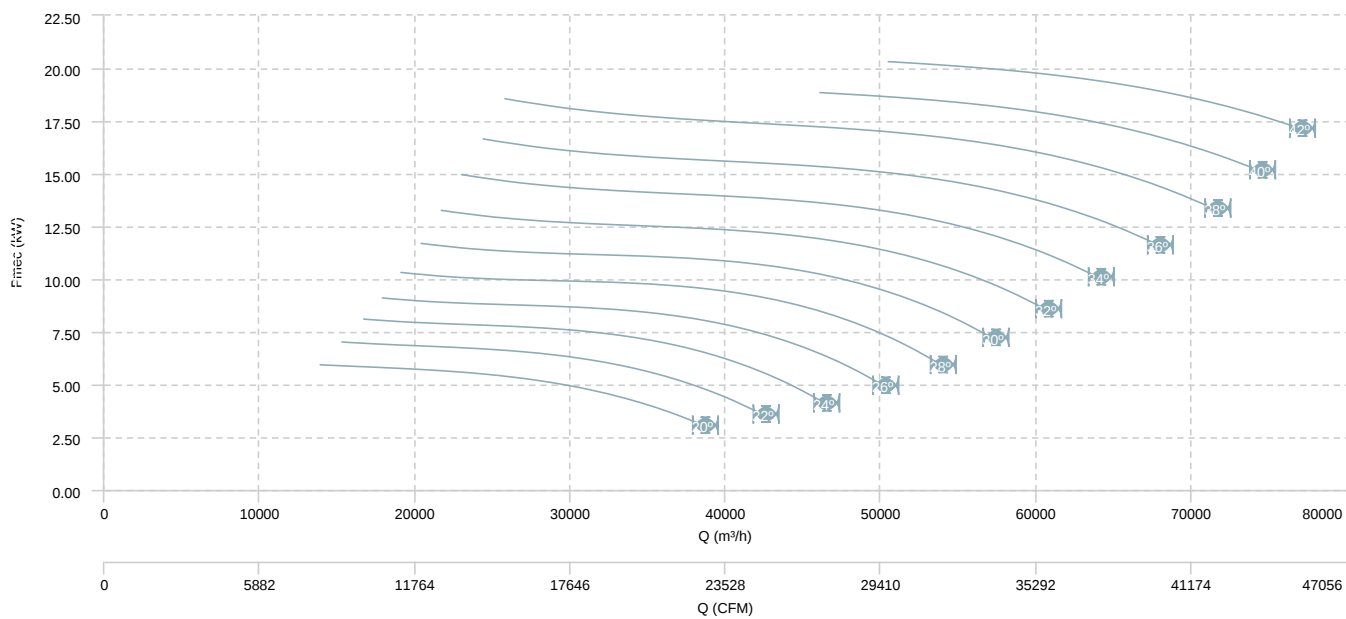


HMFX 100 T4/T6 (A6:6) F300

**AIR FLOW - PRESSURE (4 poles)**

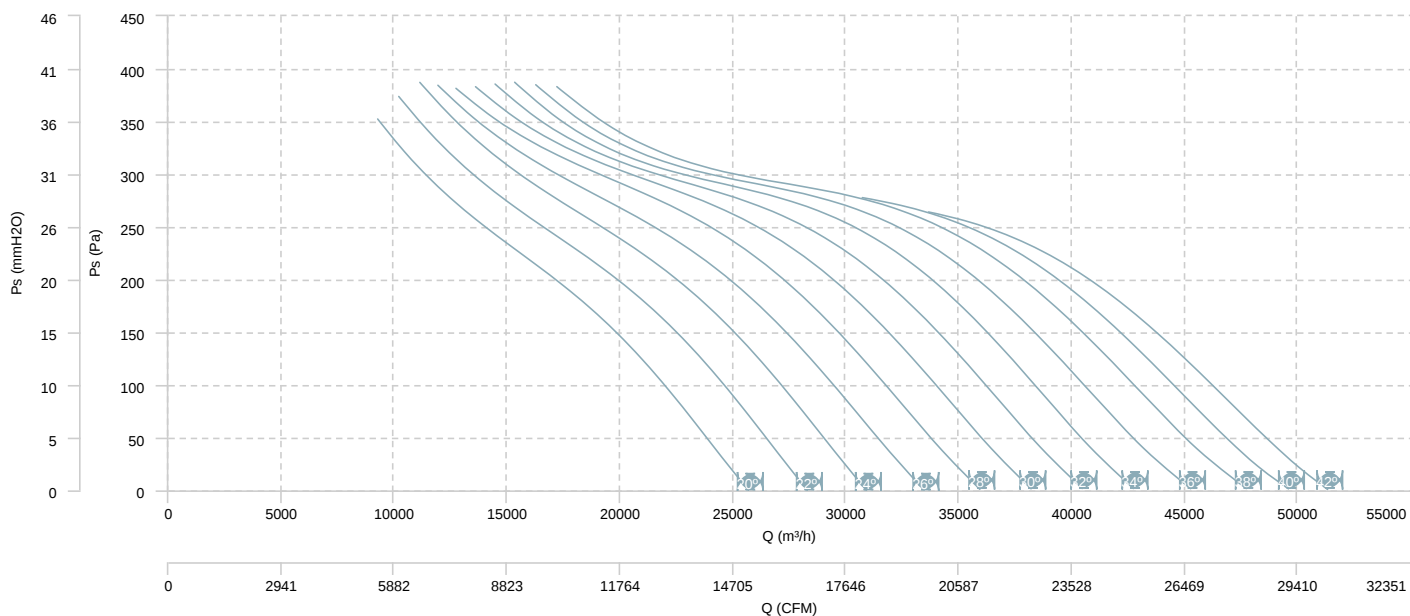


**AIR FLOW - MECHANICAL POWER (4 poles)**

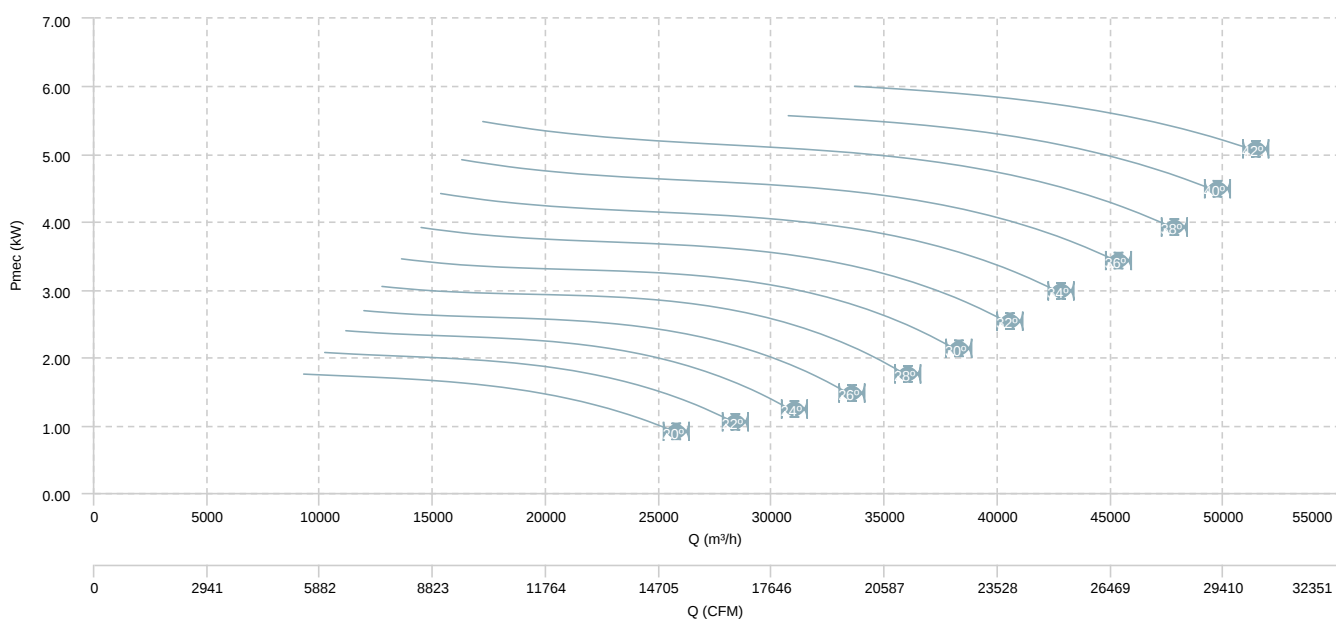


**HMFx 100 T4/T6 (A6:6) F300**

**AIR FLOW - PRESSURE (6 poles)**

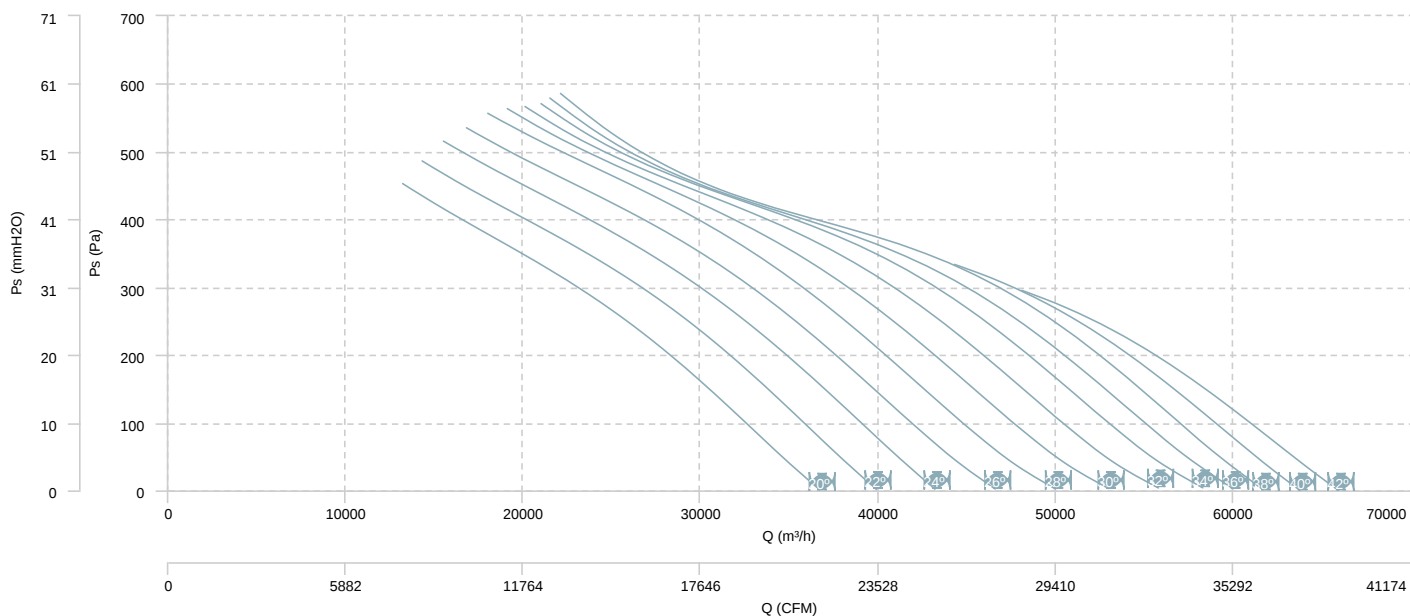


**AIR FLOW - MECHANICAL POWER (6 poles)**

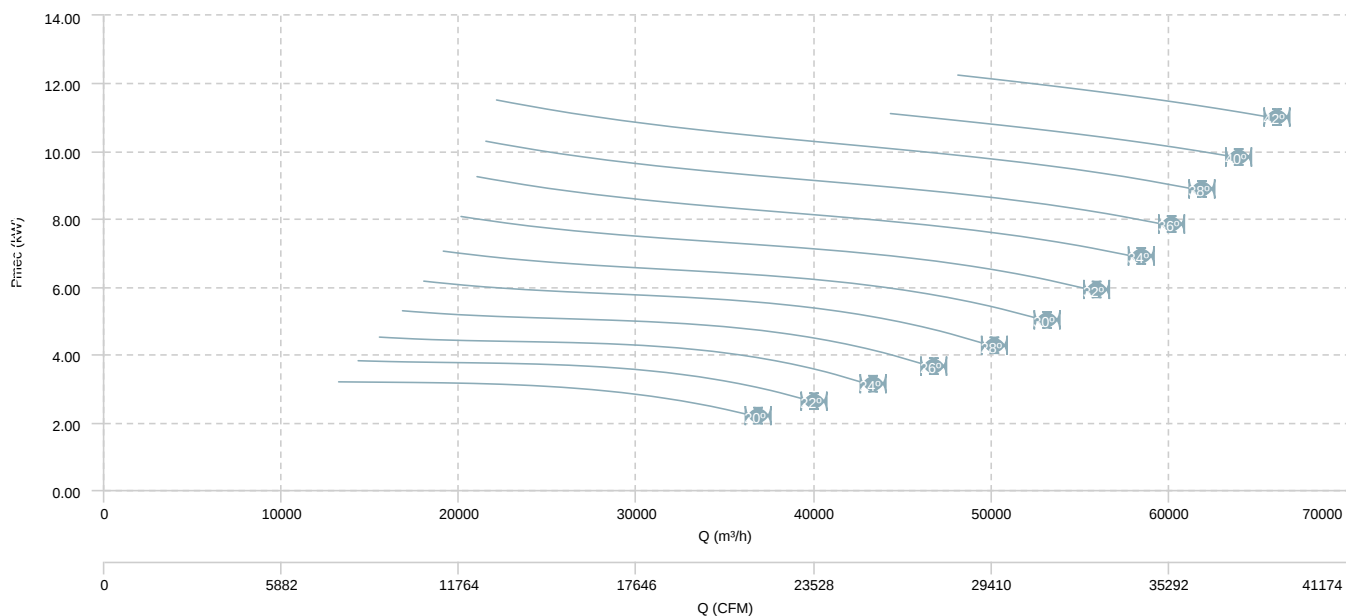


**HMFx 100 T4/T8 (A6:3) F300**

**AIR FLOW - PRESSURE (4 poles)**

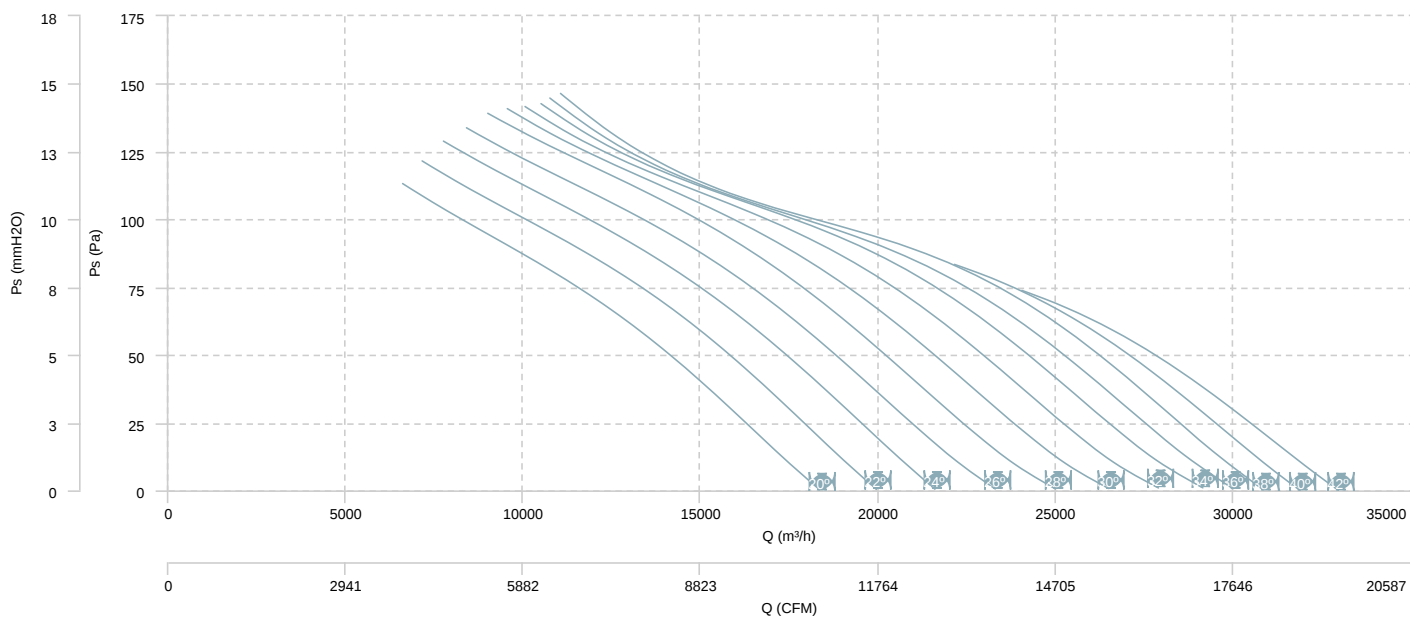


**AIR FLOW - MECHANICAL POWER (4 poles)**

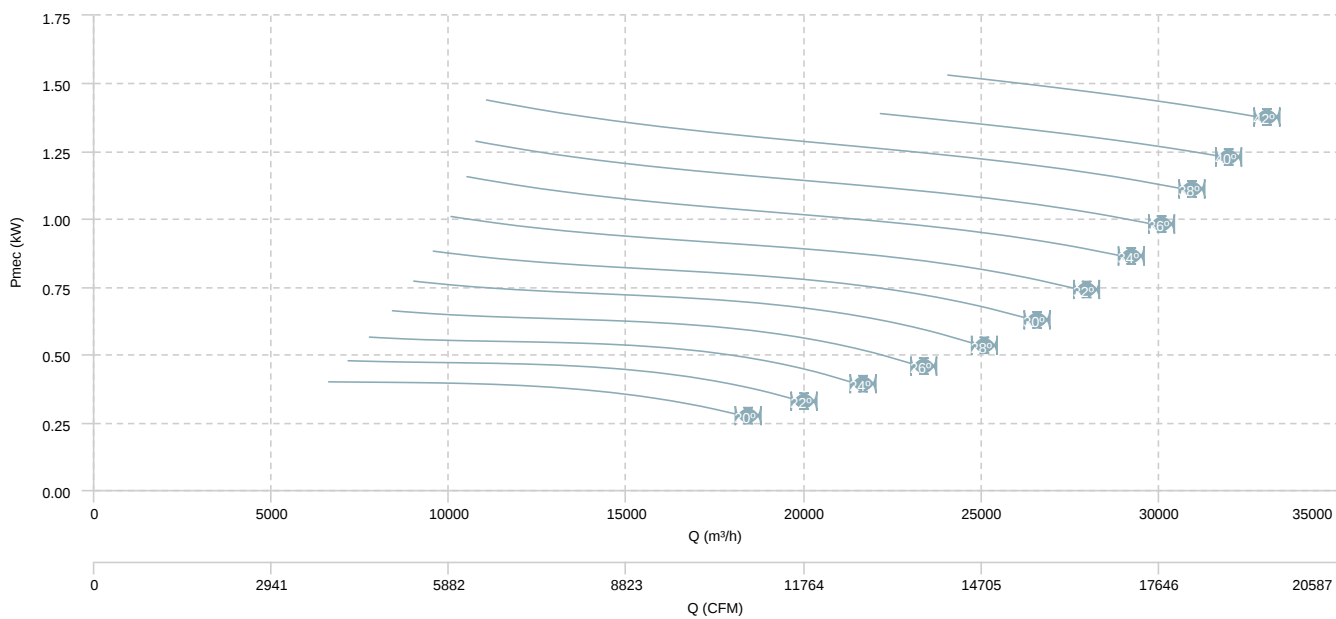


**HMFx 100 T4/T8 (A6:3) F300**

**AIR FLOW - PRESSURE (8 poles)**

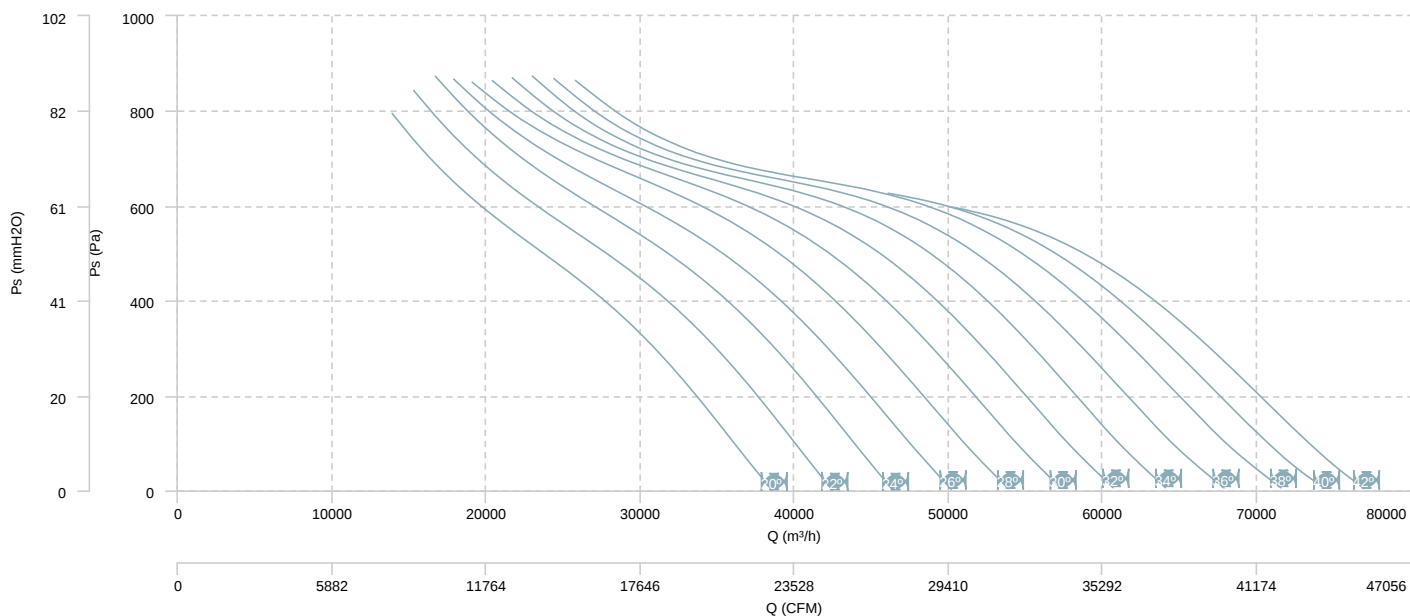


**AIR FLOW - MECHANICAL POWER (8 poles)**

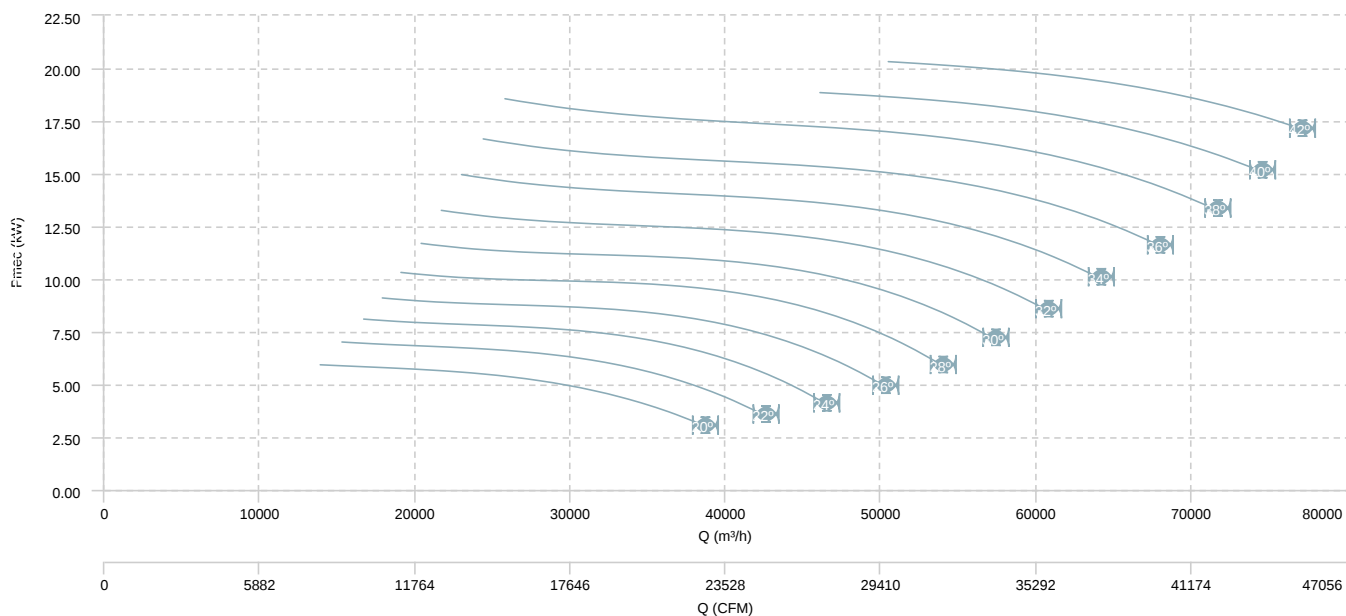


**HMXF 100 T4/T8 (A6:6) F300**

**AIR FLOW - PRESSURE (4 poles)**

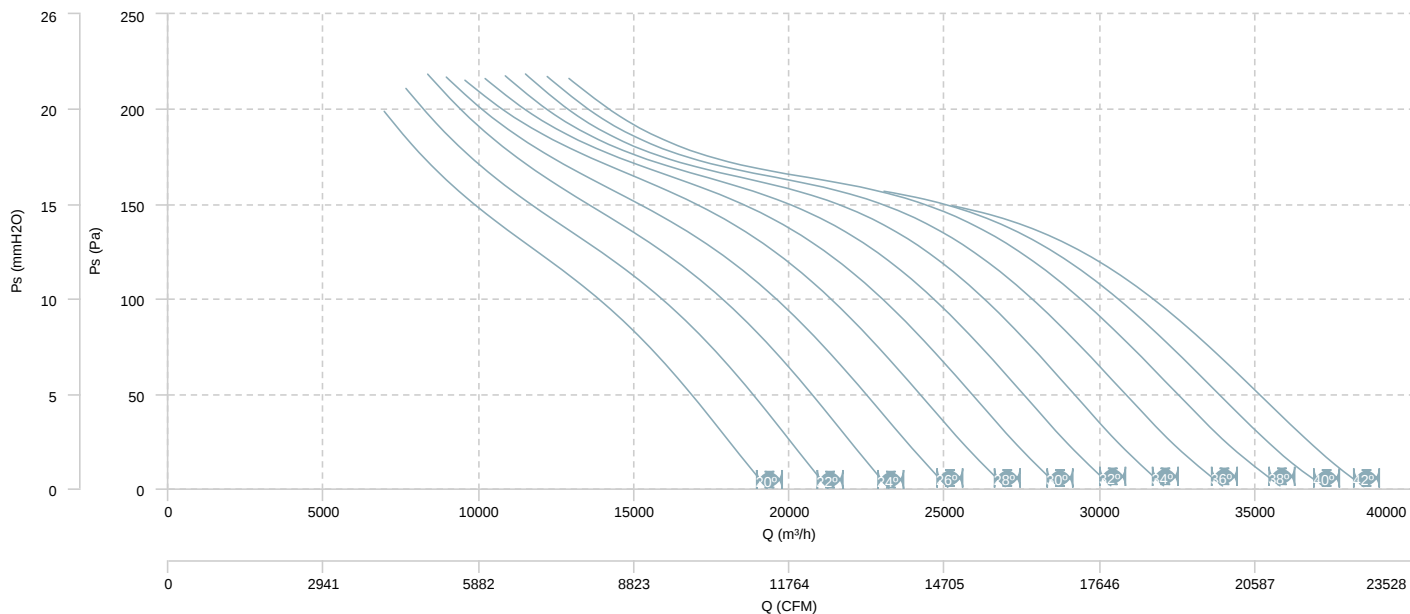


**AIR FLOW - MECHANICAL POWER (4 poles)**

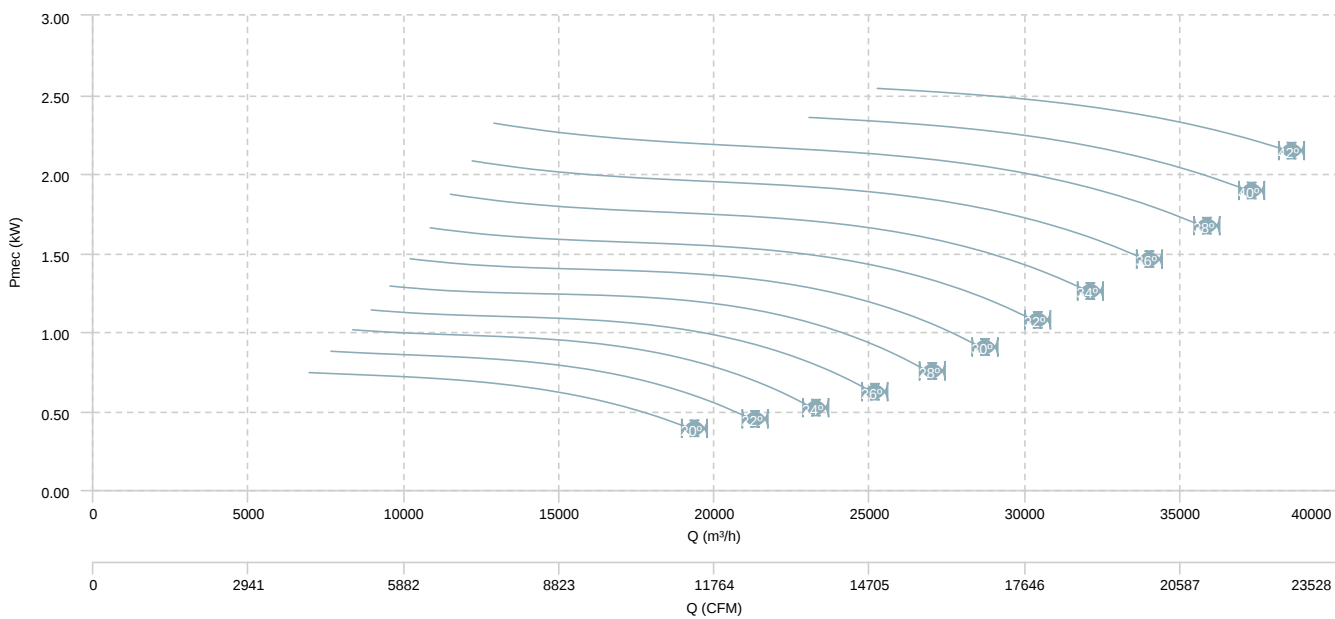


HMXF 100 T4/T8 (A6:6) F300

**AIR FLOW - PRESSURE (8 poles)**

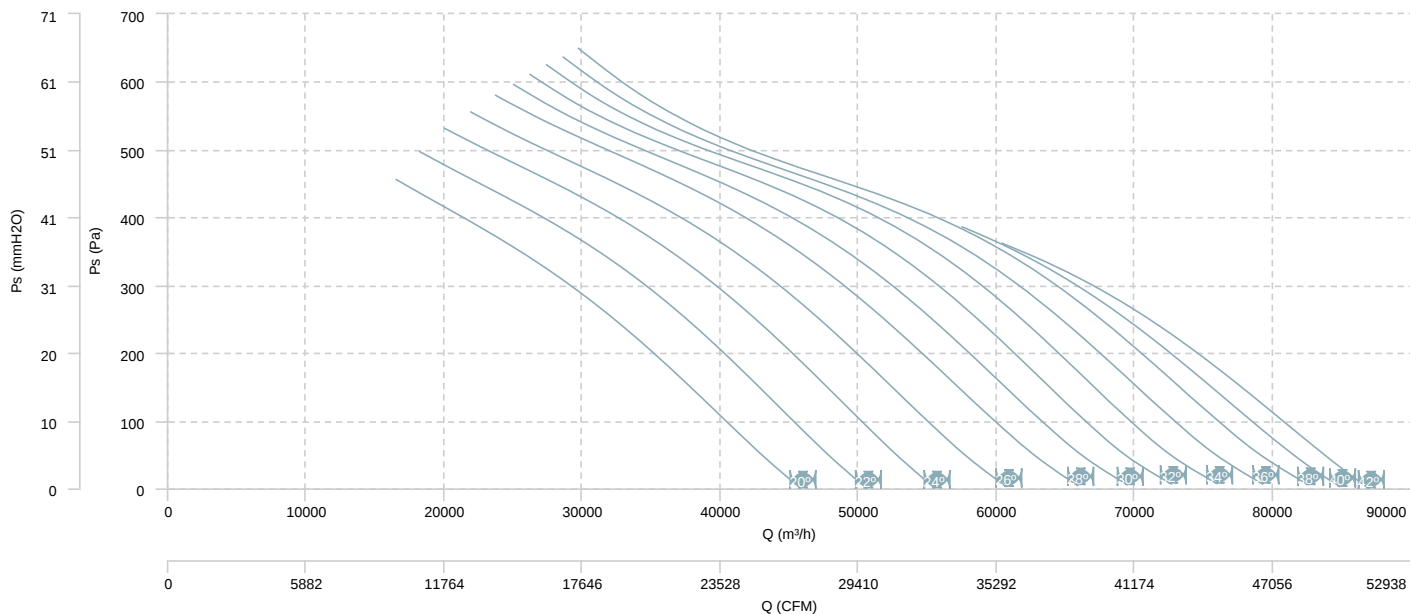


**AIR FLOW - MECHANICAL POWER (8 poles)**

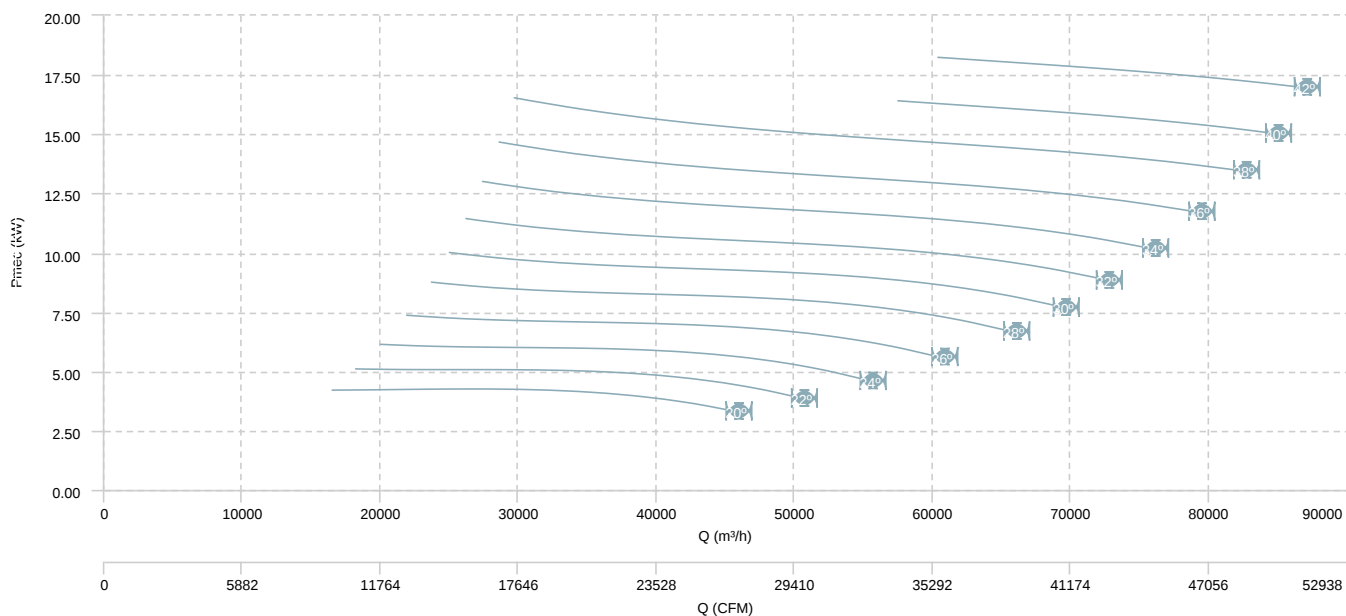


HMXF 112 T4 (A6:3) F300

**AIR FLOW - PRESSURE**

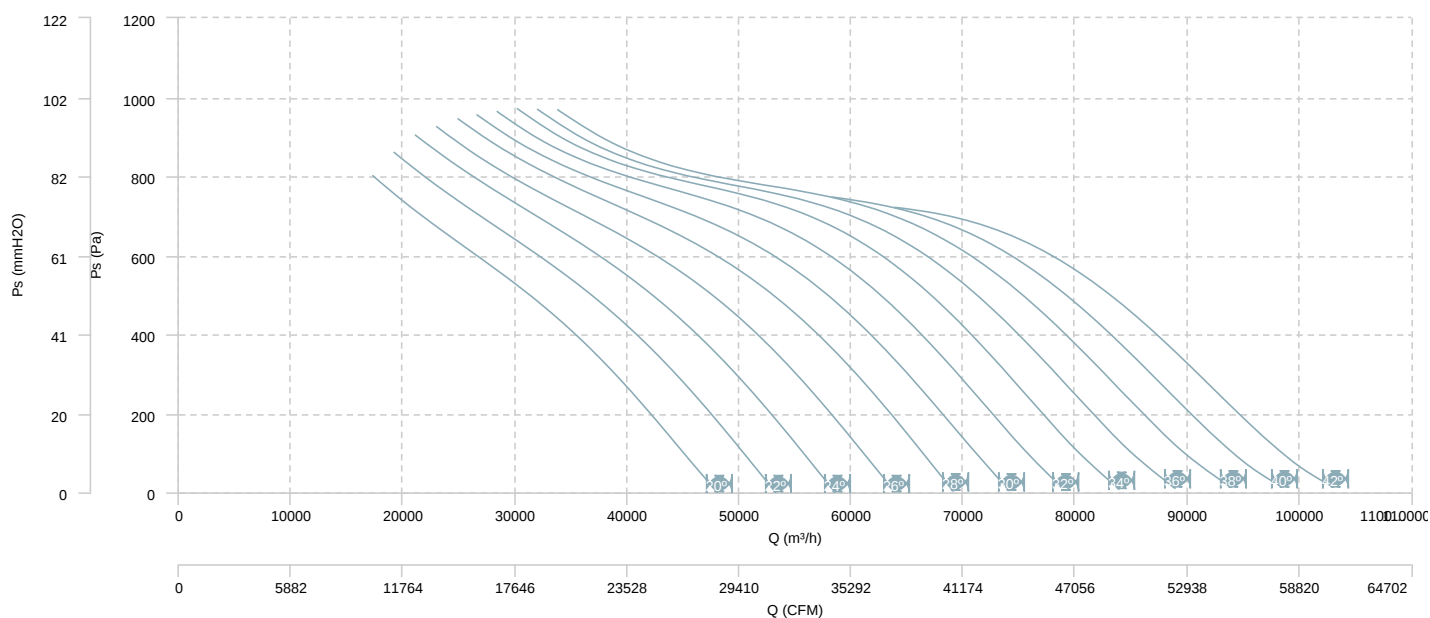


**AIR FLOW - MECHANICAL POWER**

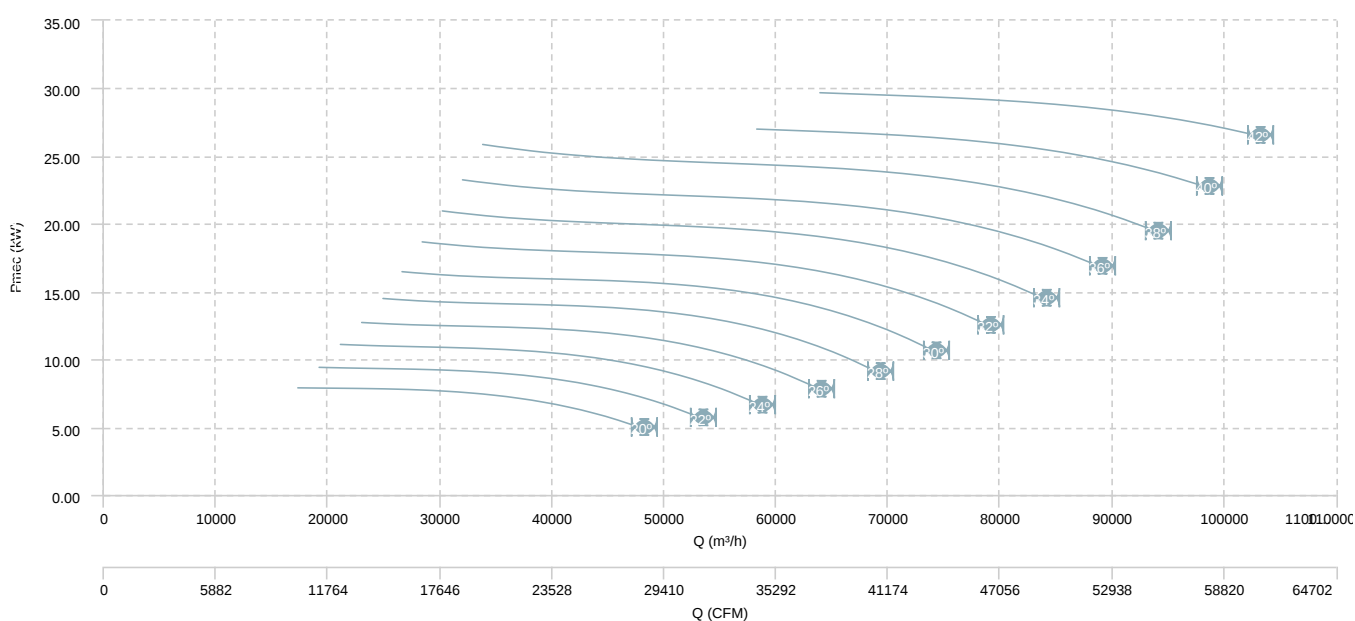


## HMFx 112 T4 (A6:6) F300

## AIR FLOW - PRESSURE

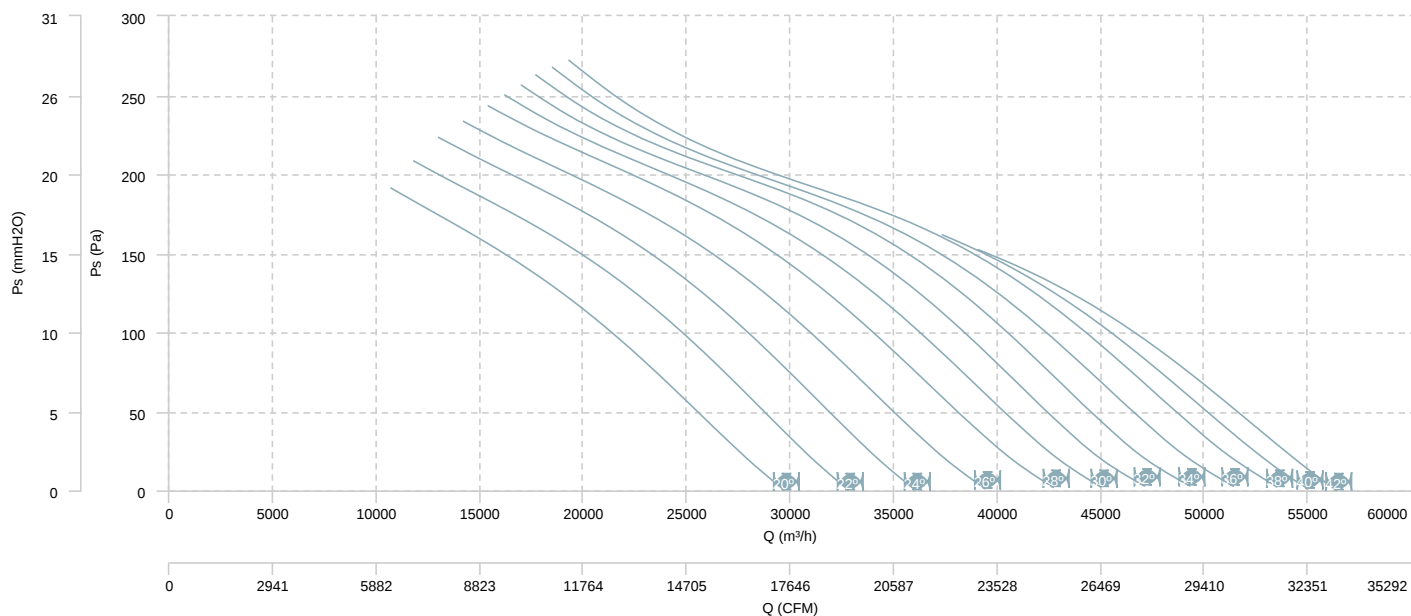


## AIR FLOW - MECHANICAL POWER

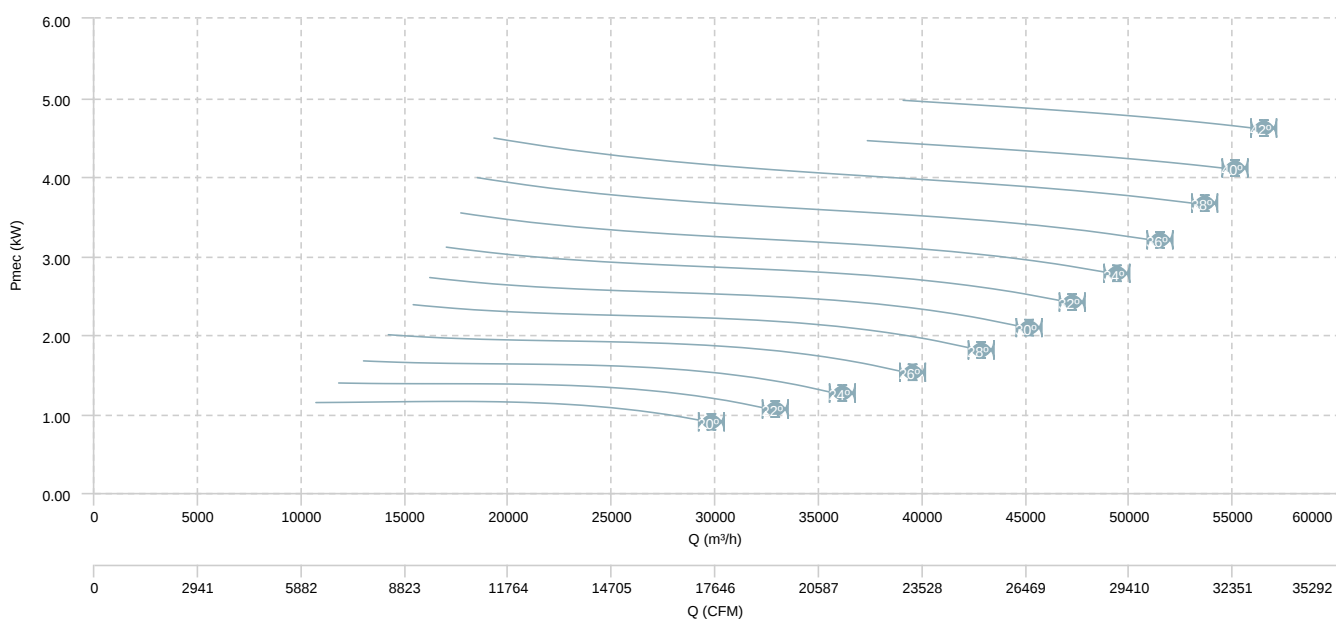


HMFx 112 T6 (A6:3) F300

## AIR FLOW - PRESSURE

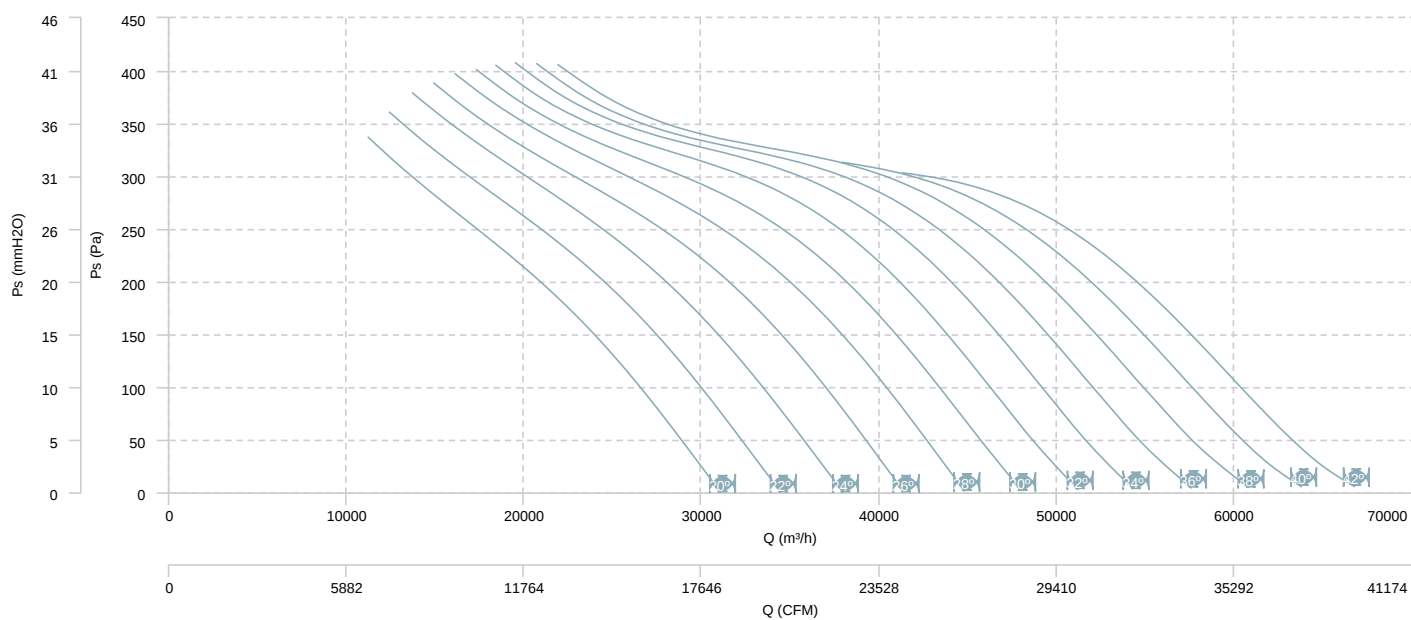


## AIR FLOW - MECHANICAL POWER

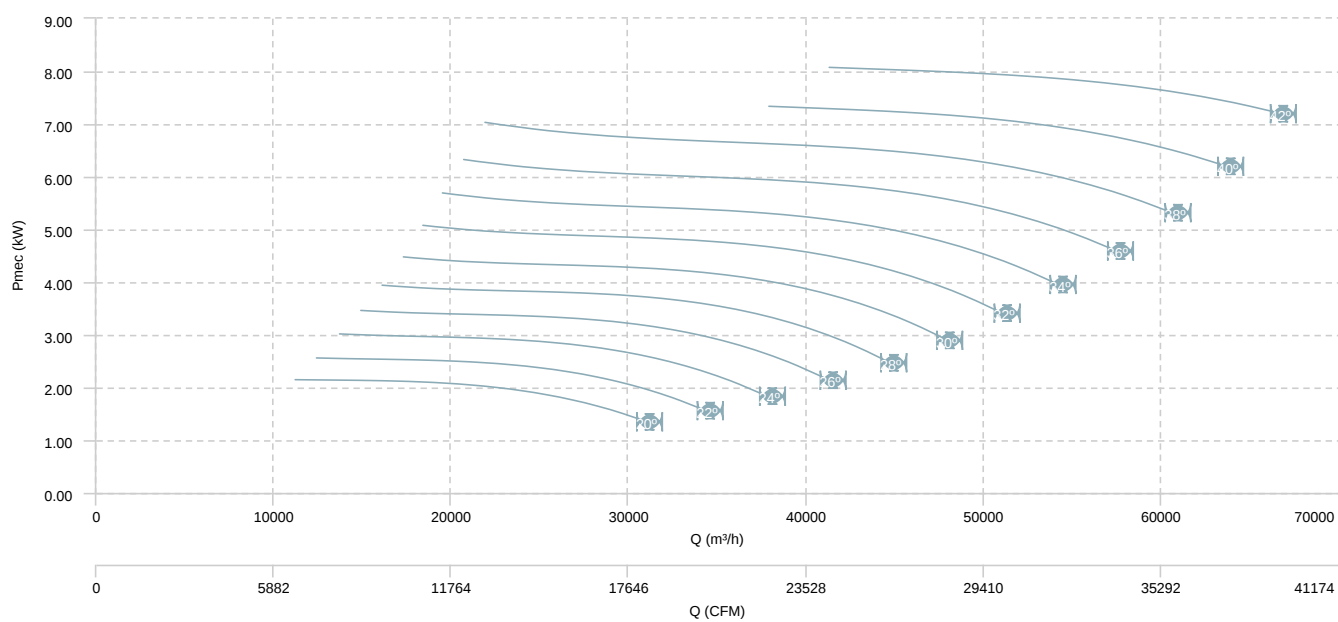


HMX 112 T6 (A6:6) F300

## AIR FLOW - PRESSURE

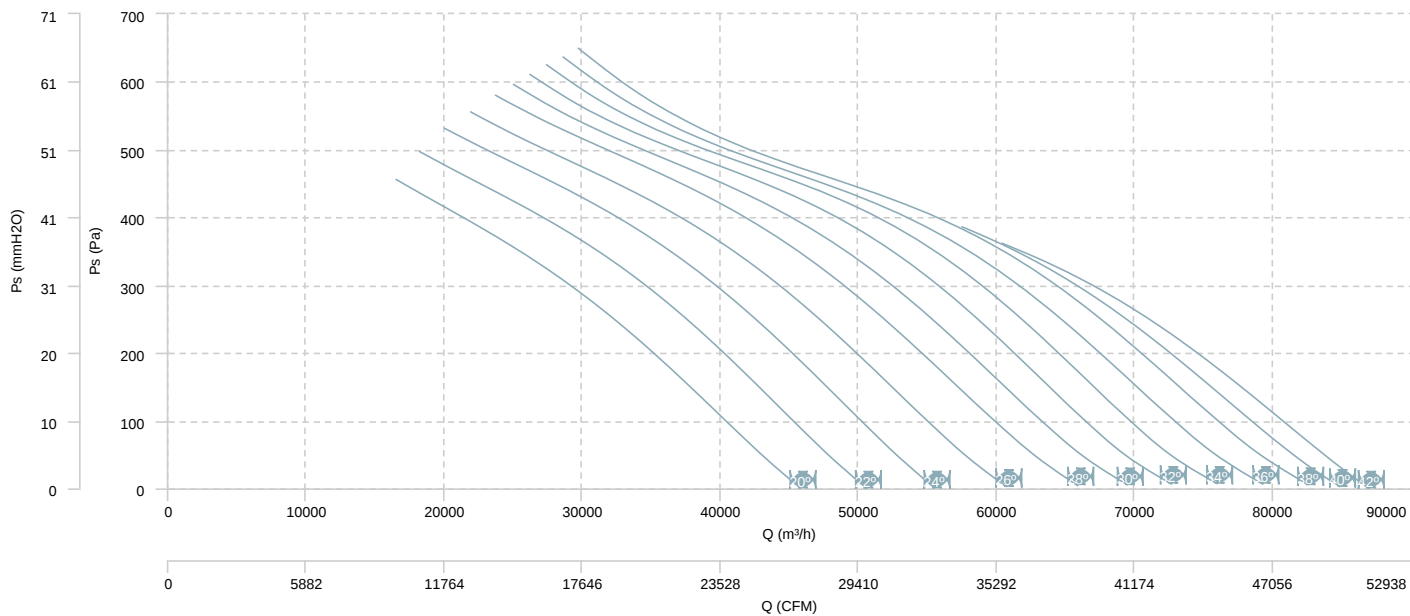


## AIR FLOW - MECHANICAL POWER

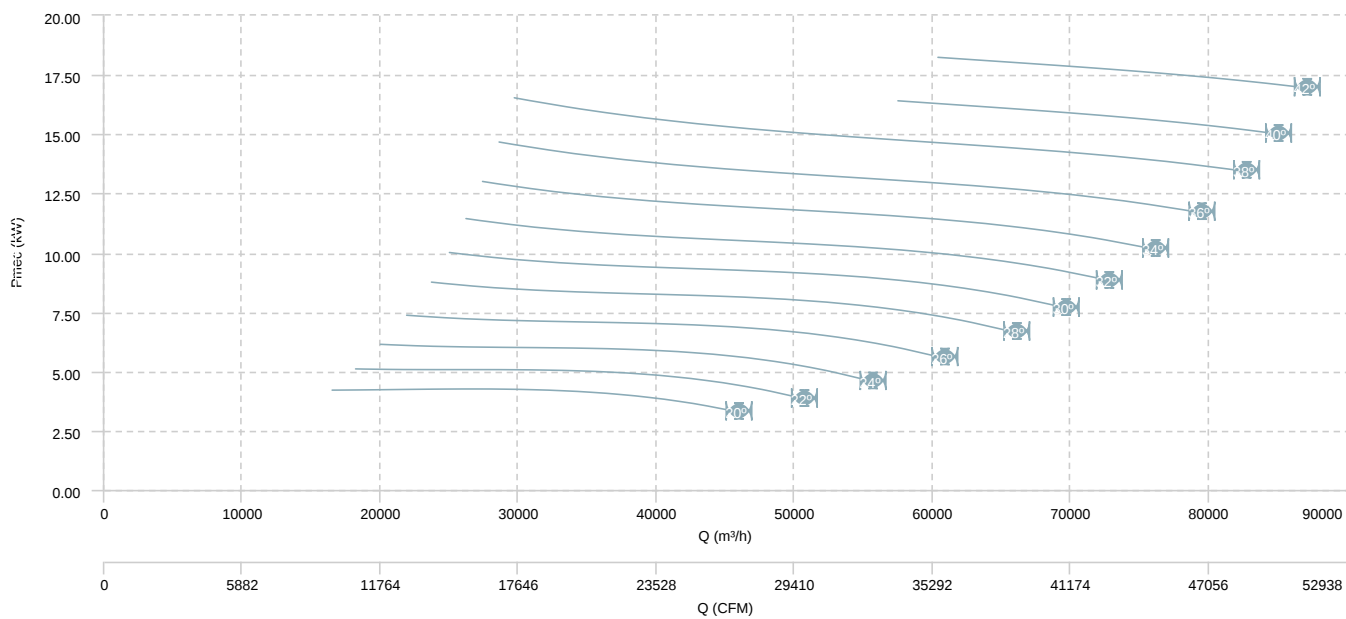


HMFx 112 T4/T6 (A6:3) F300

**AIR FLOW - PRESSURE (4 poles)**

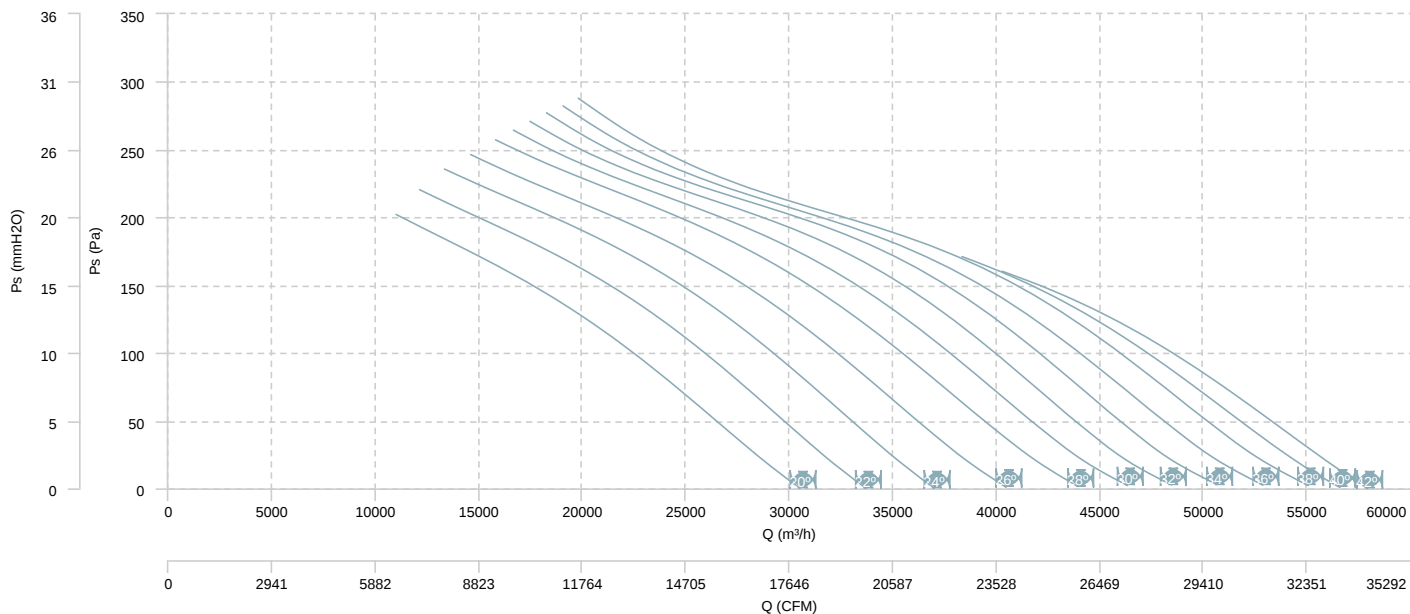


**AIR FLOW - MECHANICAL POWER (4 poles)**

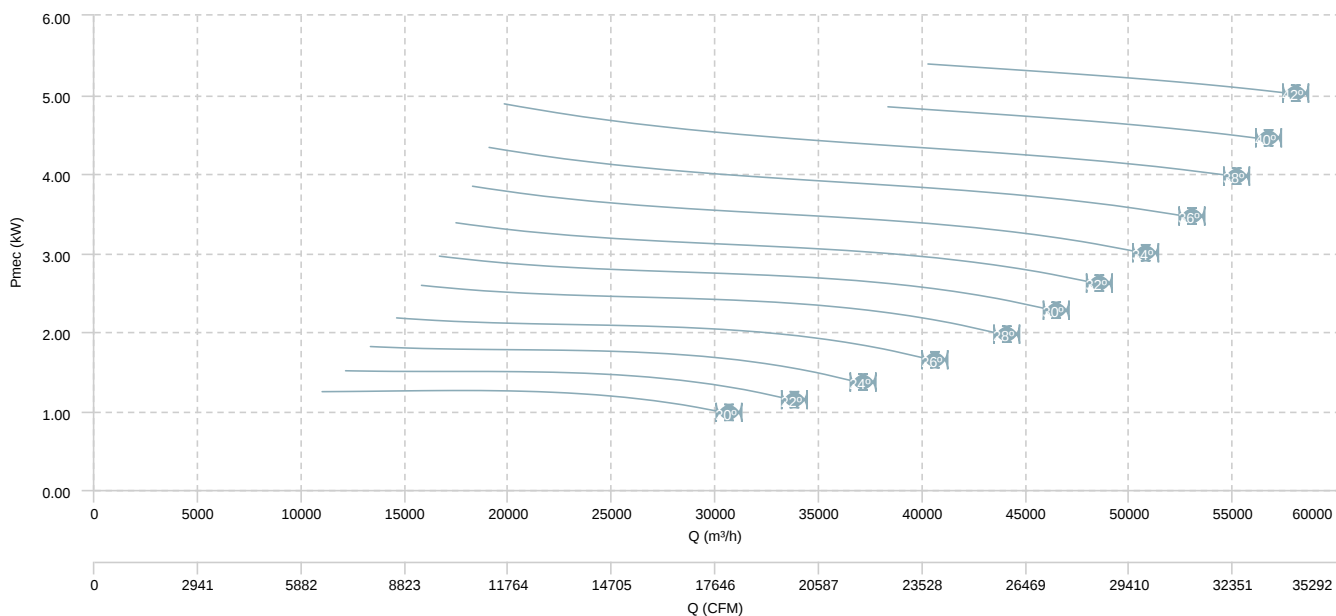


HMXF 112 T4/T6 (A6:3) F300

**AIR FLOW - PRESSURE (6 poles)**

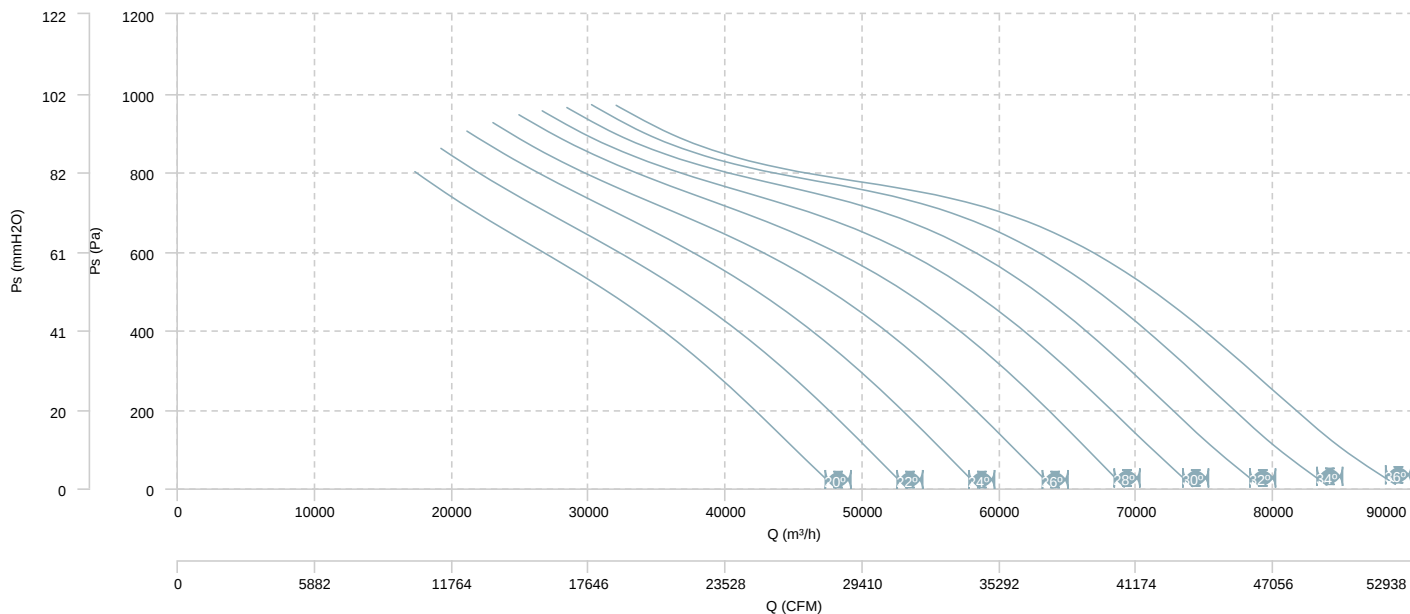


**AIR FLOW - MECHANICAL POWER (6 poles)**

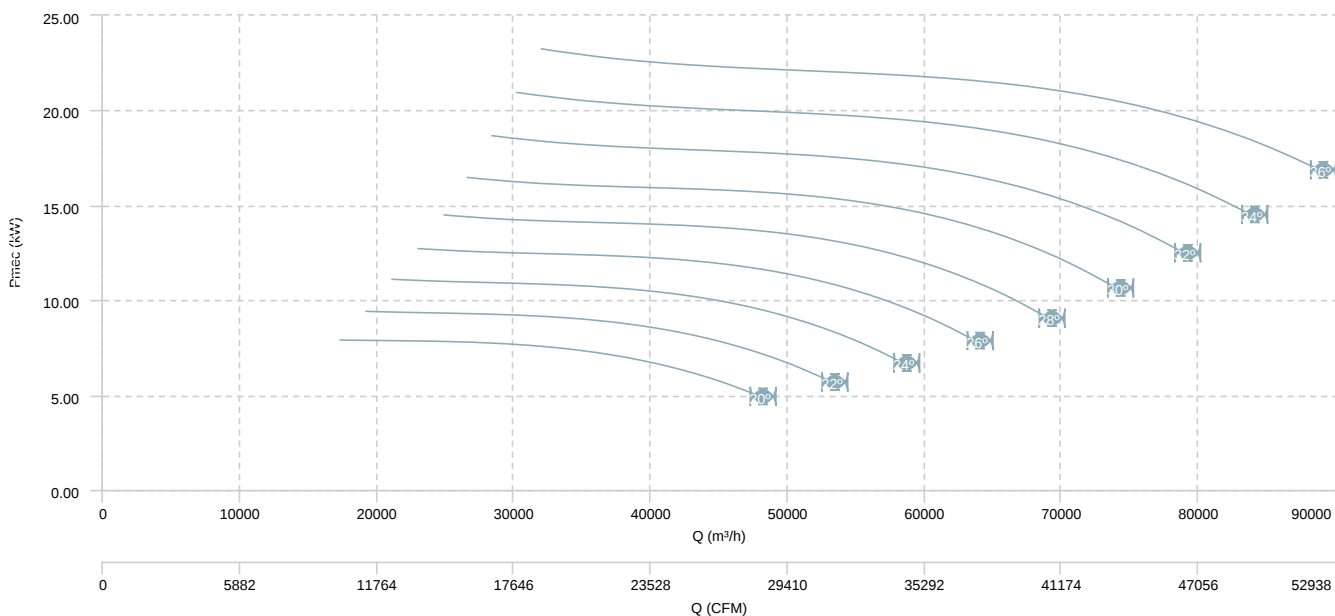


HMXF 112 T4/T6 (A6:6) F300

**AIR FLOW - PRESSURE (4 poles)**

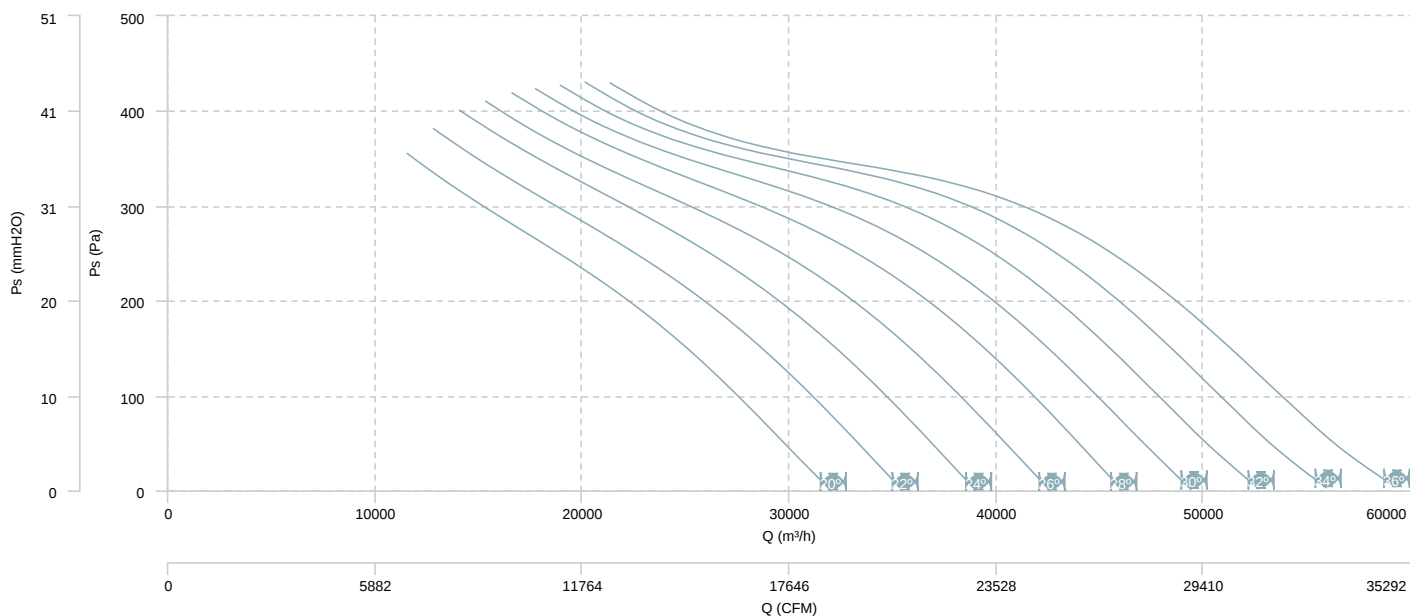


**AIR FLOW - MECHANICAL POWER (4 poles)**

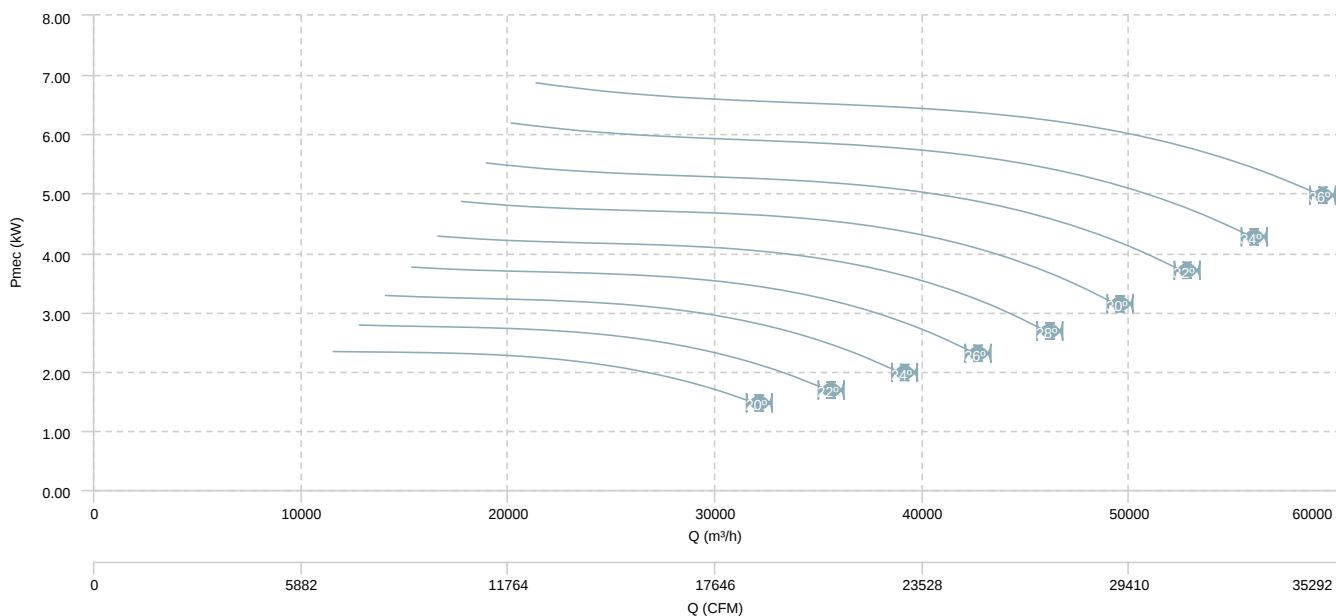


HMFx 112 T4/T6 (A6:6) F300

**AIR FLOW - PRESSURE (6 poles)**

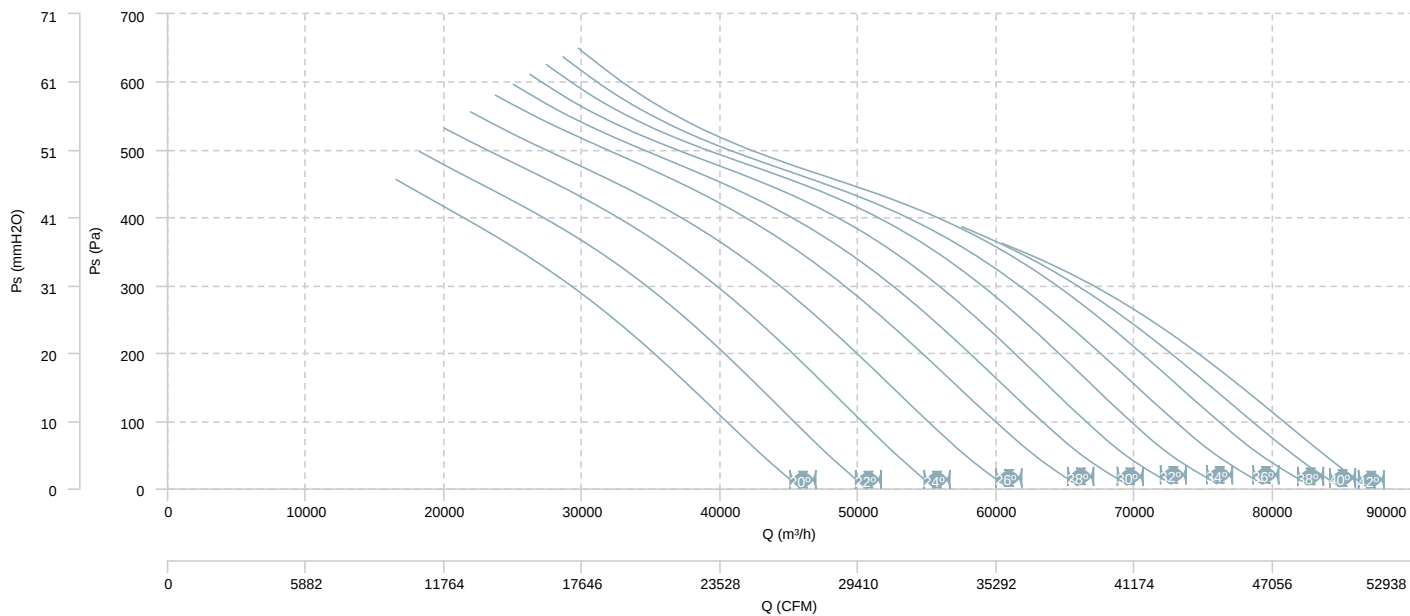


**AIR FLOW - MECHANICAL POWER (6 poles)**

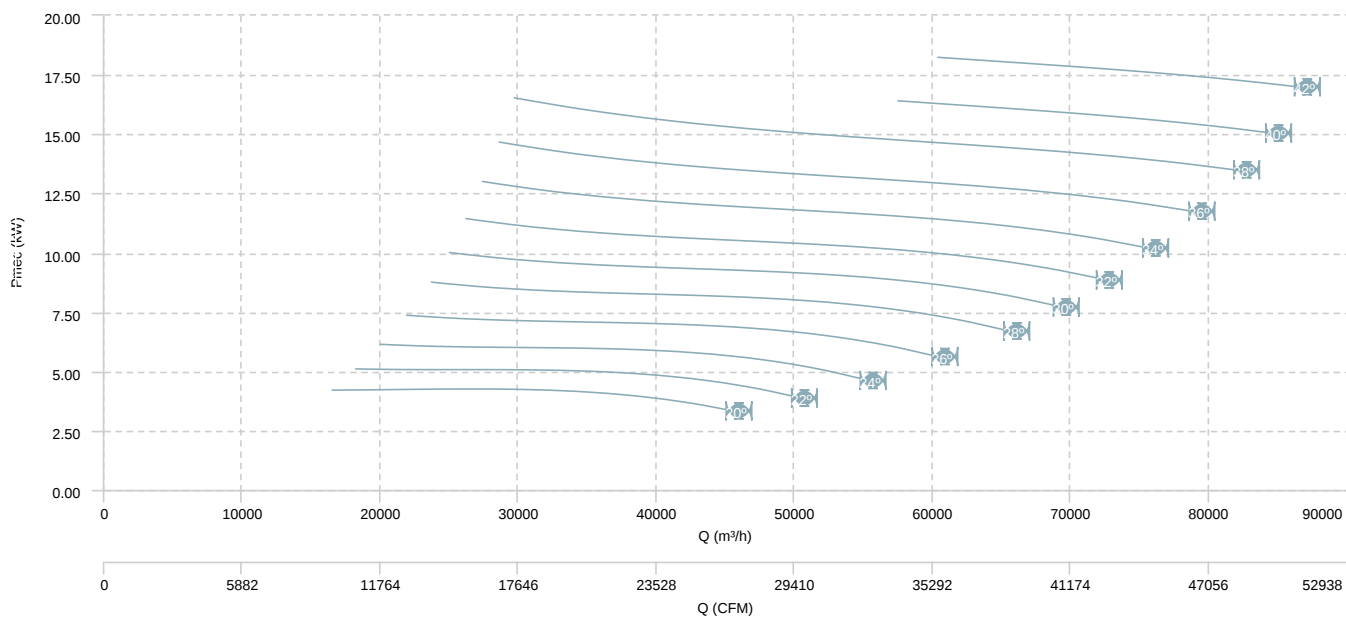


HMXF 112 T4/T8 (A6:3) F300

**AIR FLOW - PRESSURE (4 poles)**

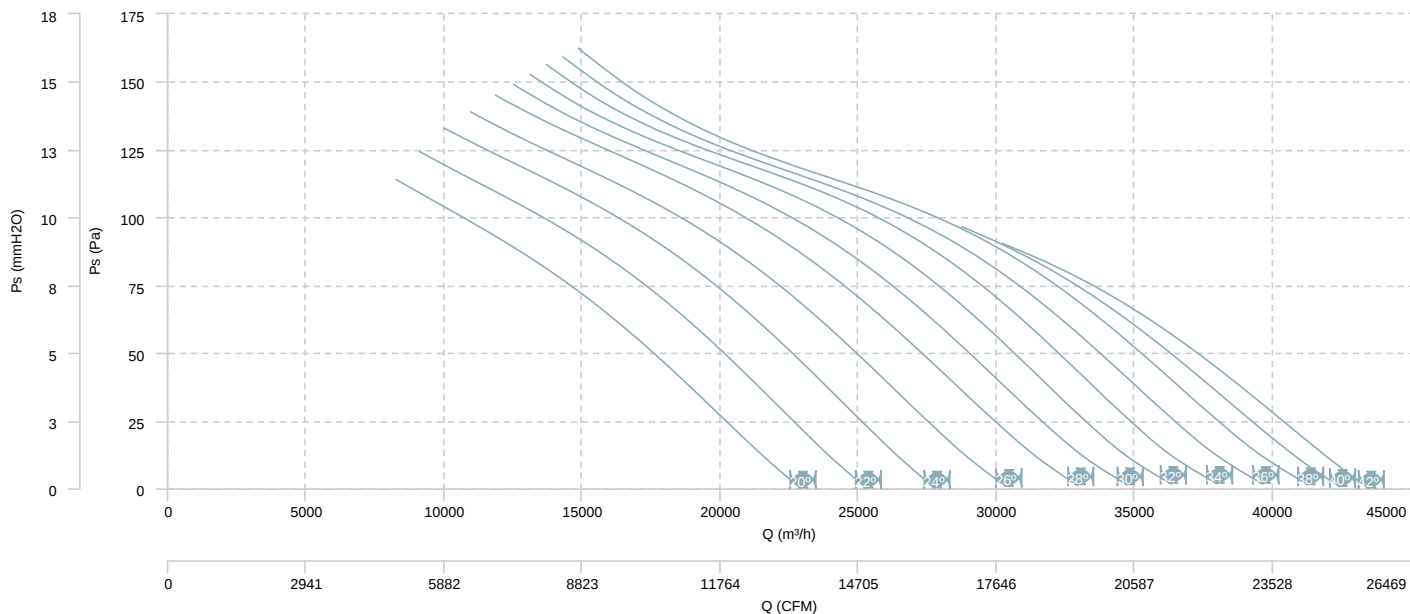


**AIR FLOW - MECHANICAL POWER (4 poles)**

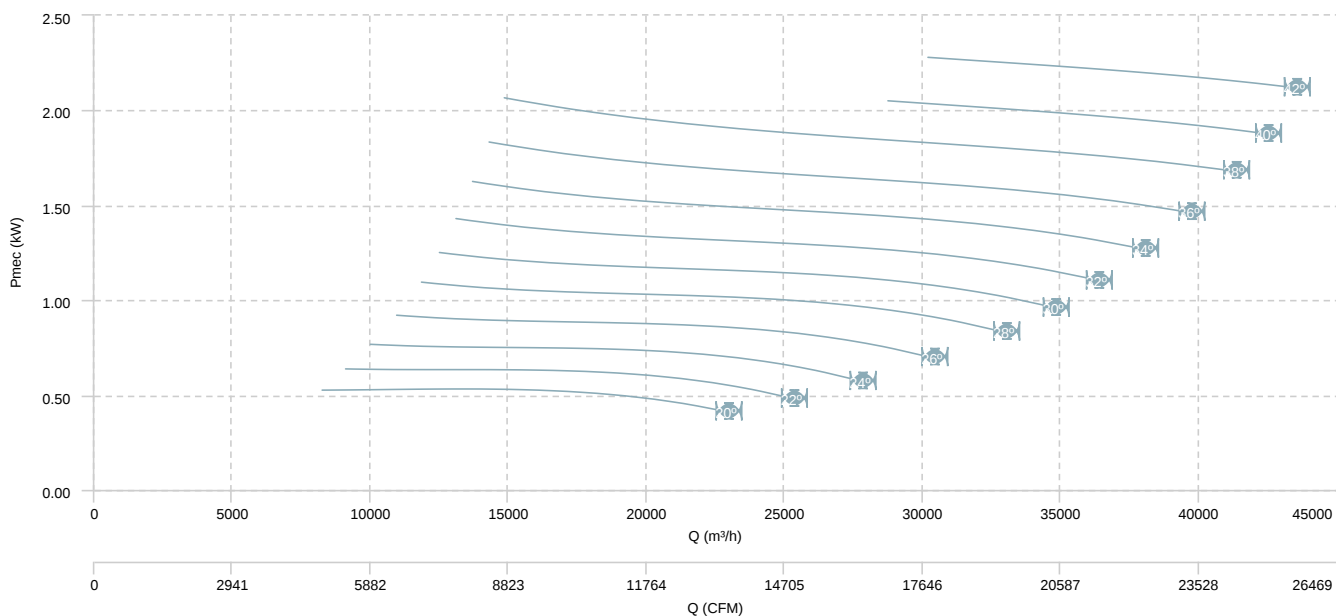


HMXF 112 T4/T8 (A6:3) F300

**AIR FLOW - PRESSURE (8 poles)**

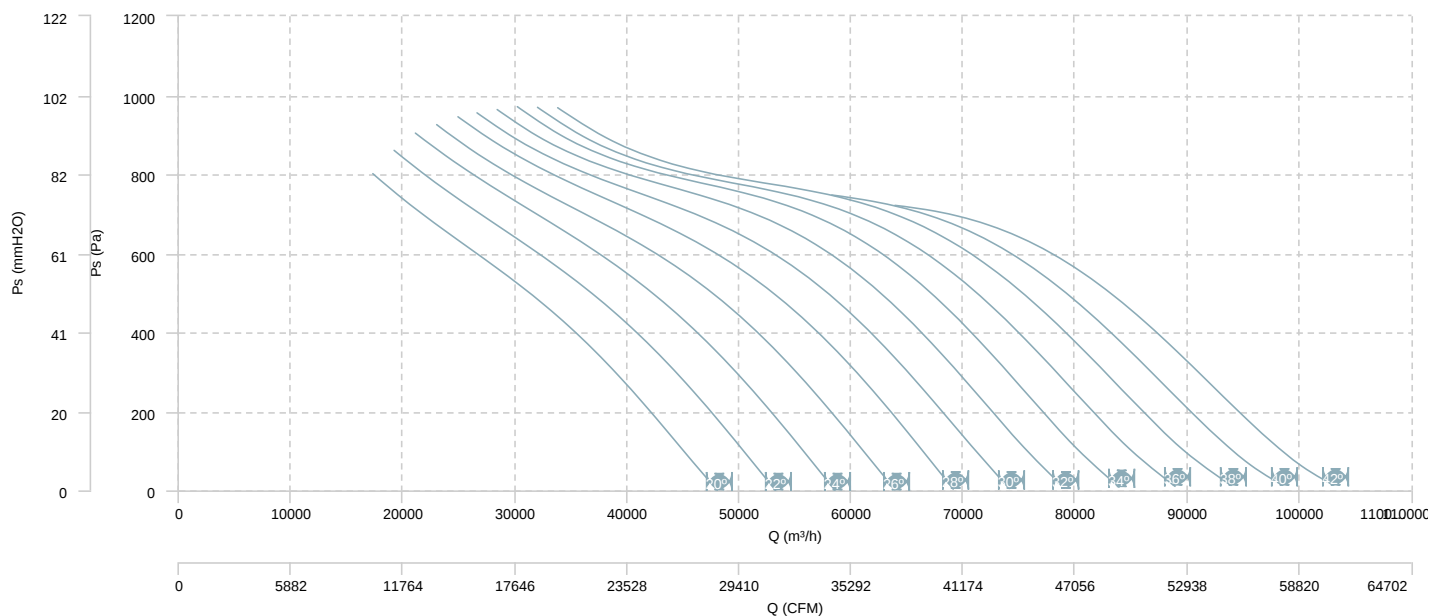


**AIR FLOW - MECHANICAL POWER (8 poles)**

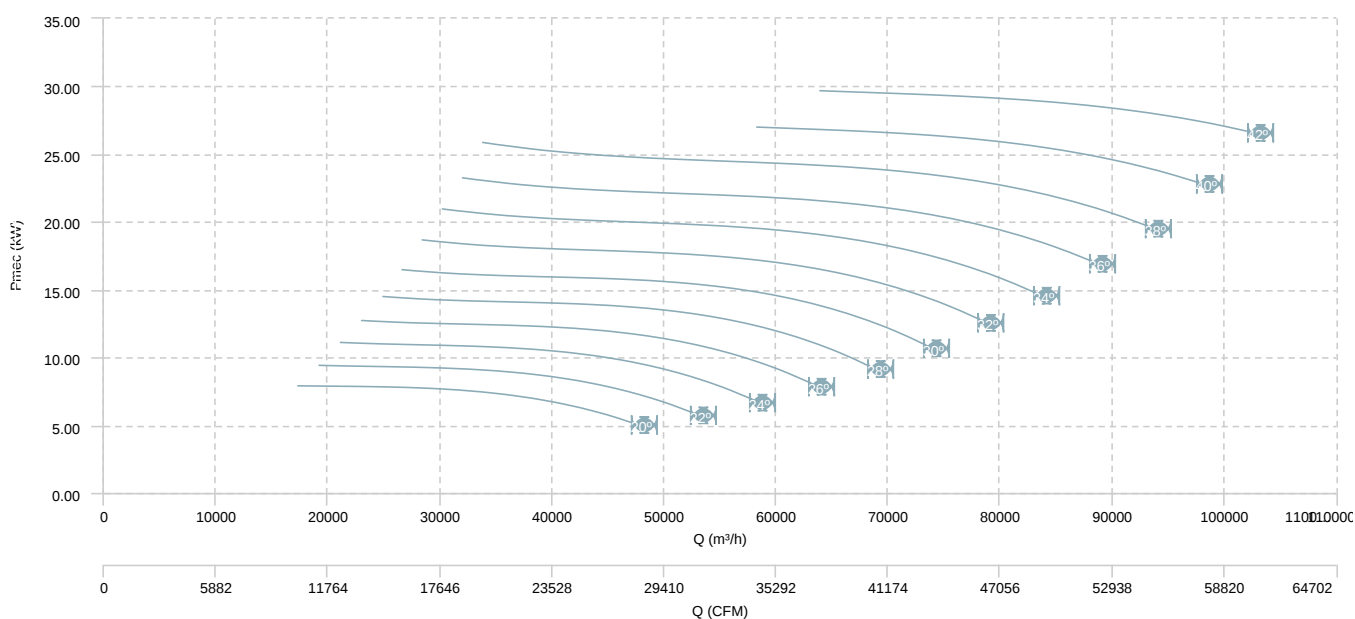


## HMFx 112 T4/T8 (A6:6) F300

### AIR FLOW - PRESSURE (4 poles)

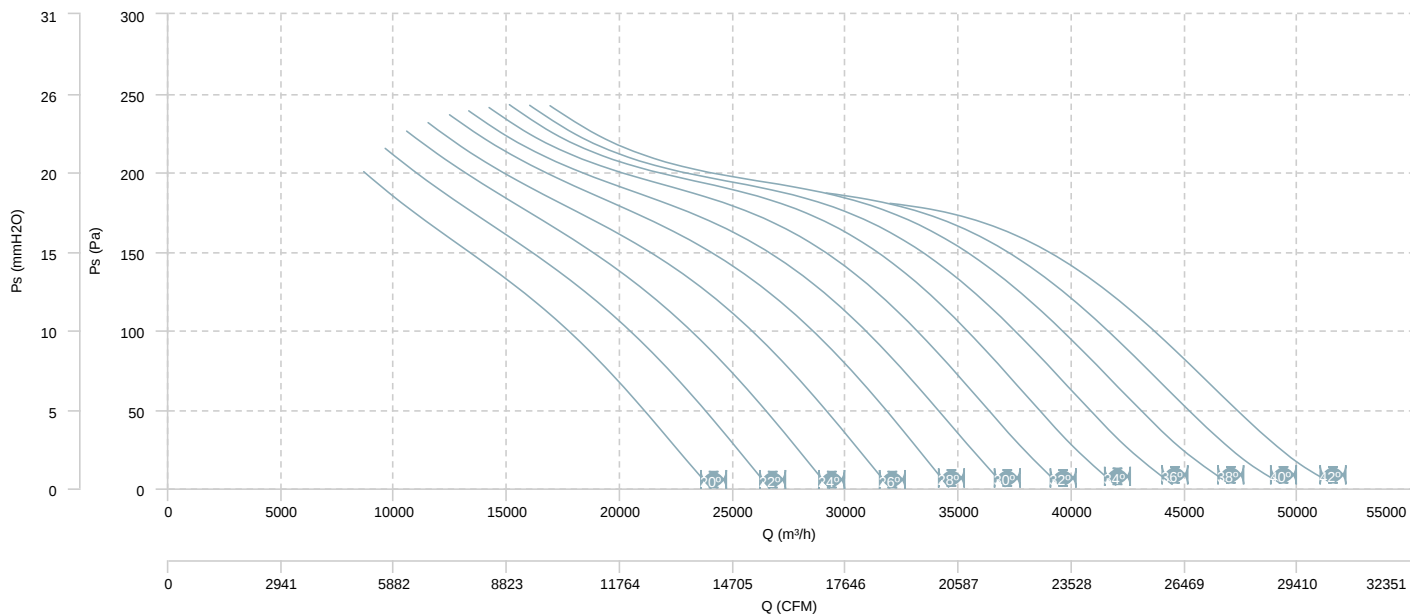


### AIR FLOW - MECHANICAL POWER (4 poles)

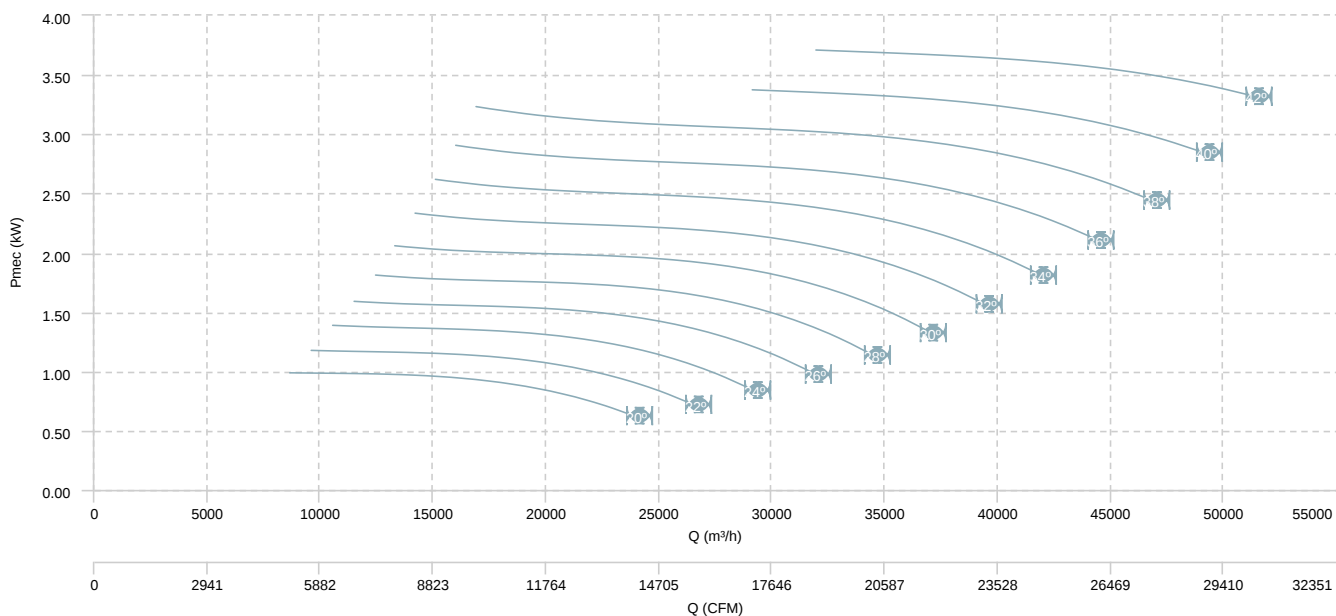


HMXF 112 T4/T8 (A6:6) F300

**AIR FLOW - PRESSURE (8 poles)**

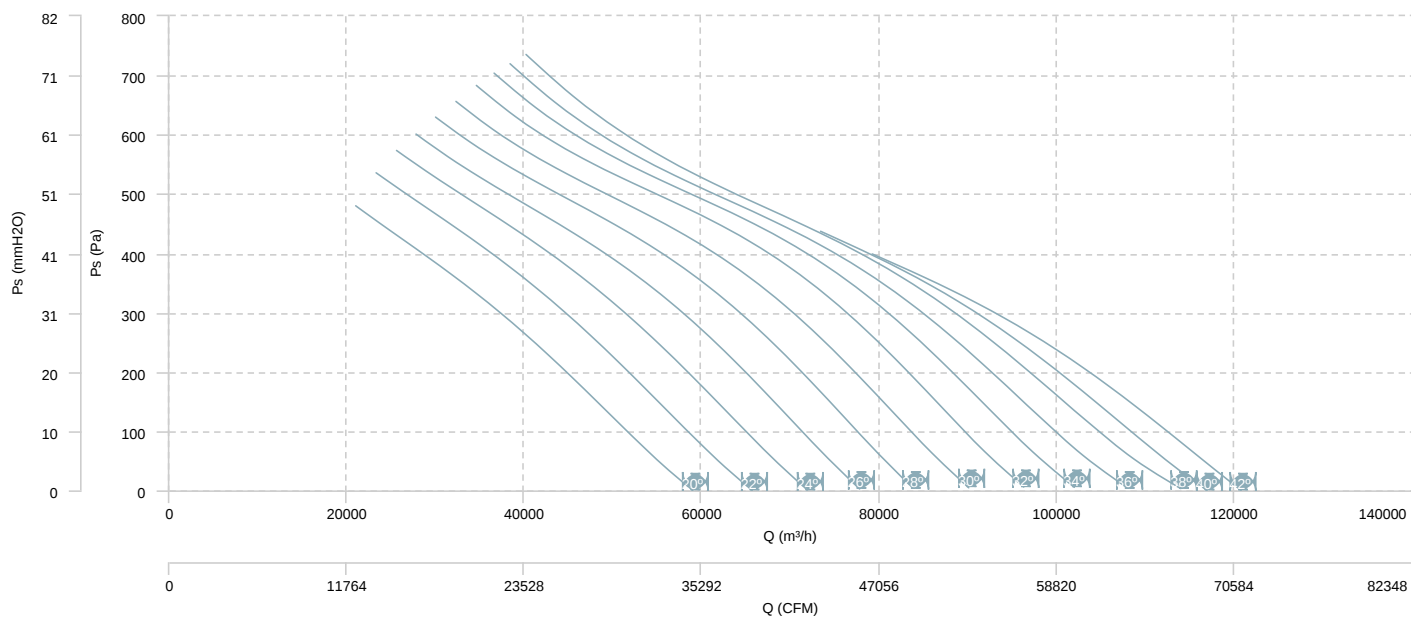


**AIR FLOW - MECHANICAL POWER (8 poles)**

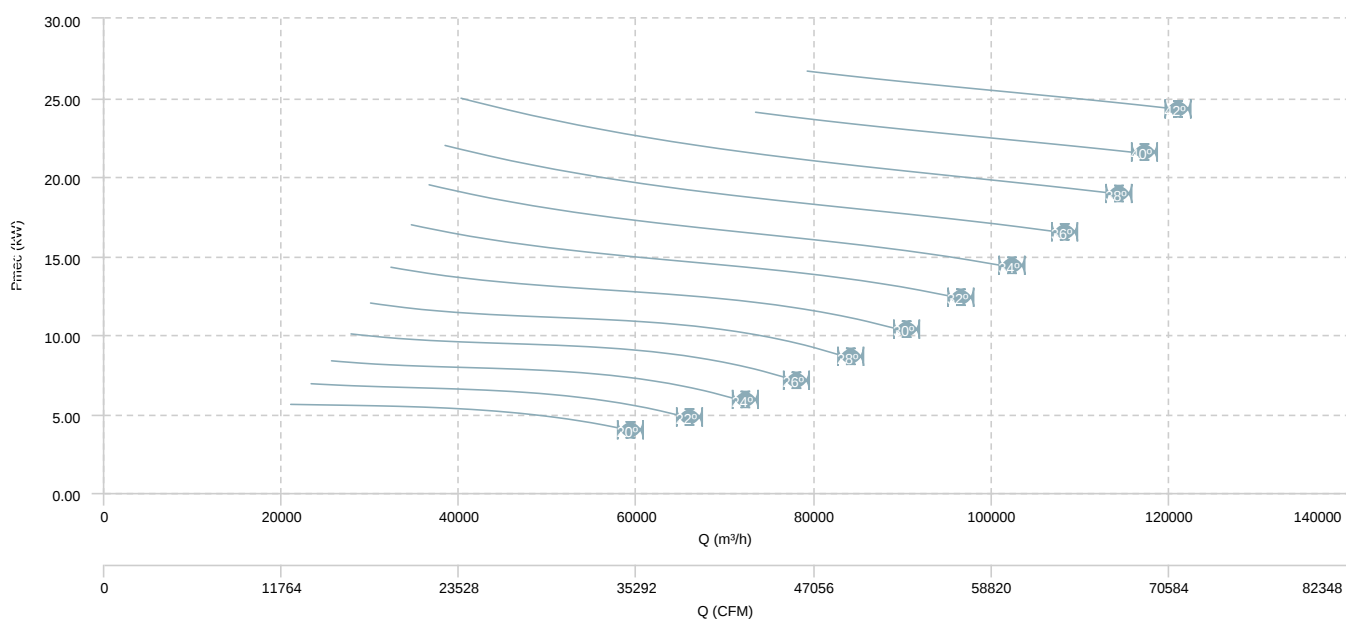


HMFx 125 T4 (A6:3) F300

## AIR FLOW - PRESSURE

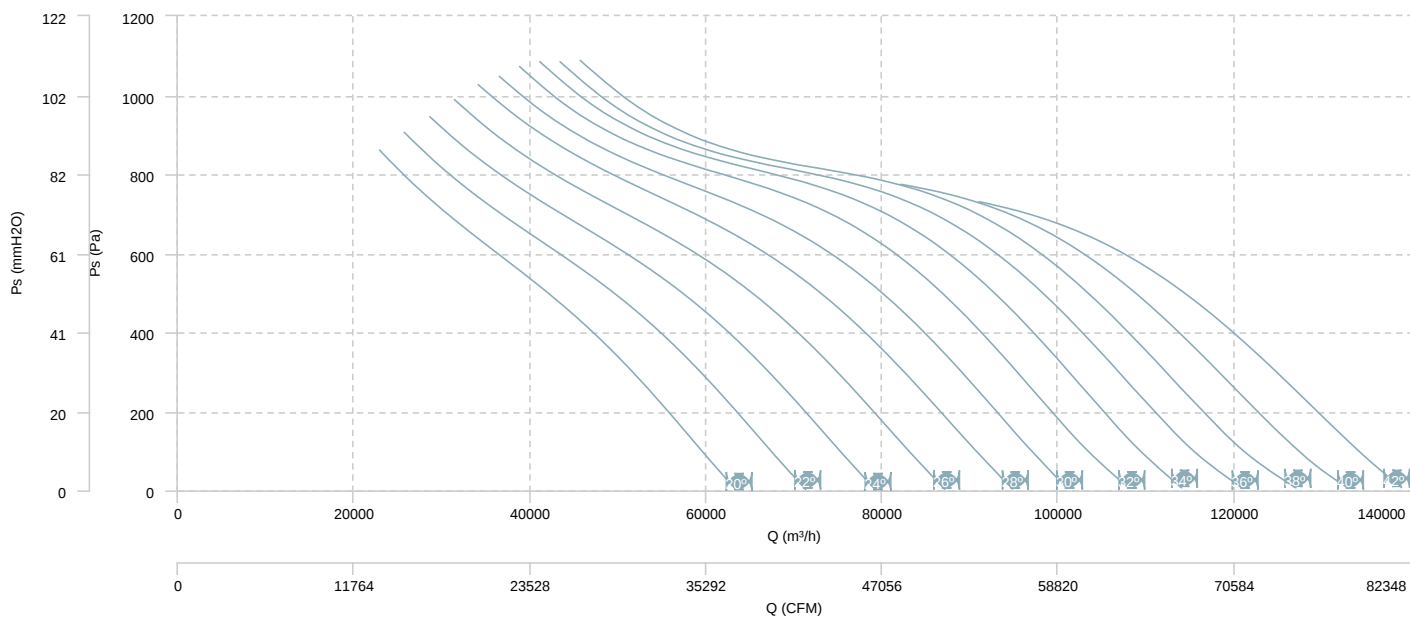


## AIR FLOW - MECHANICAL POWER

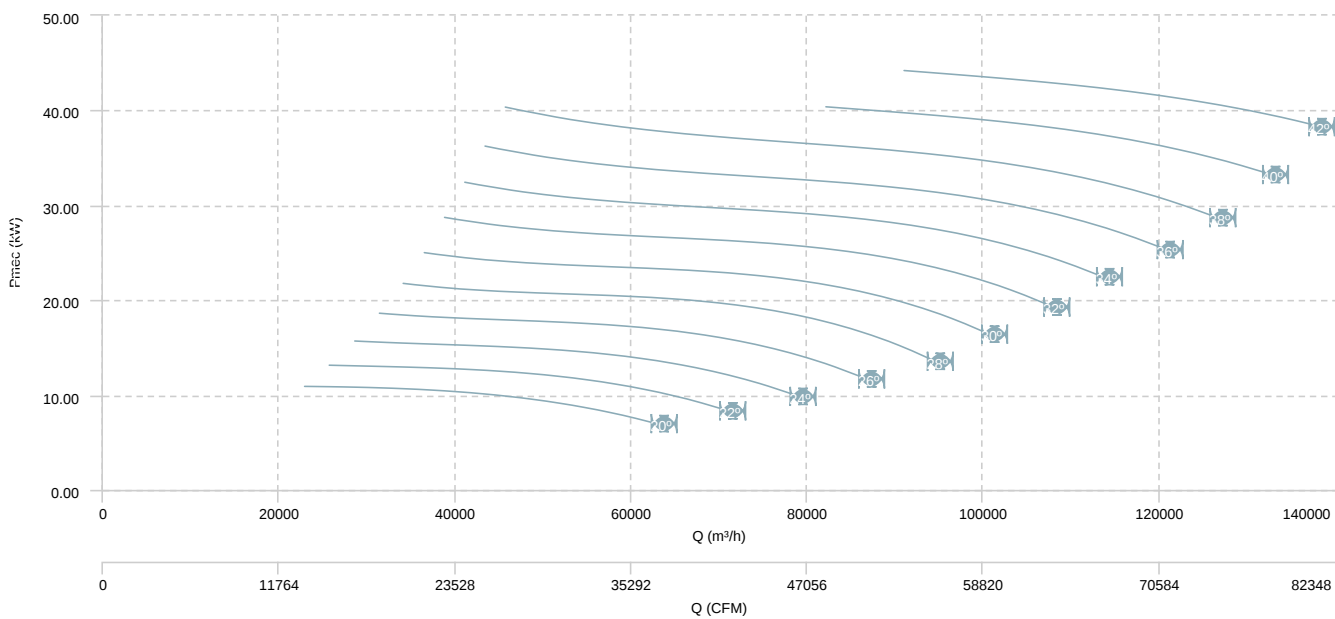


HMXF 125 T4 (A6:6) F300

## AIR FLOW - PRESSURE

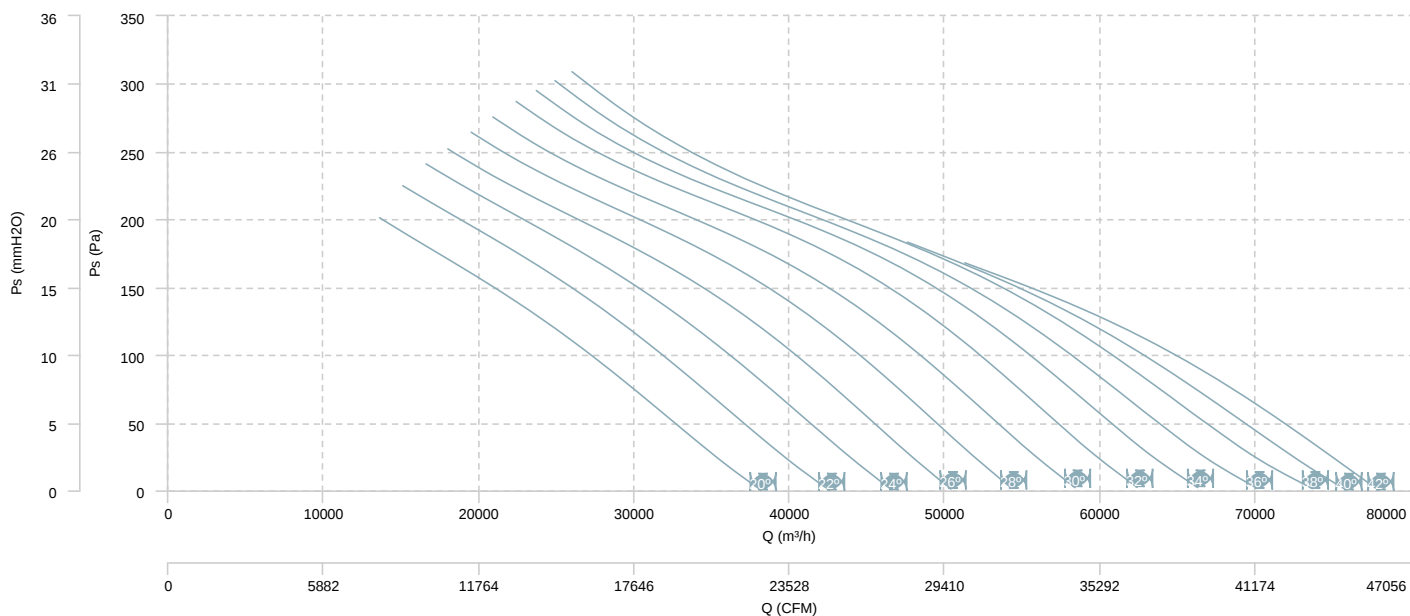


## AIR FLOW - MECHANICAL POWER

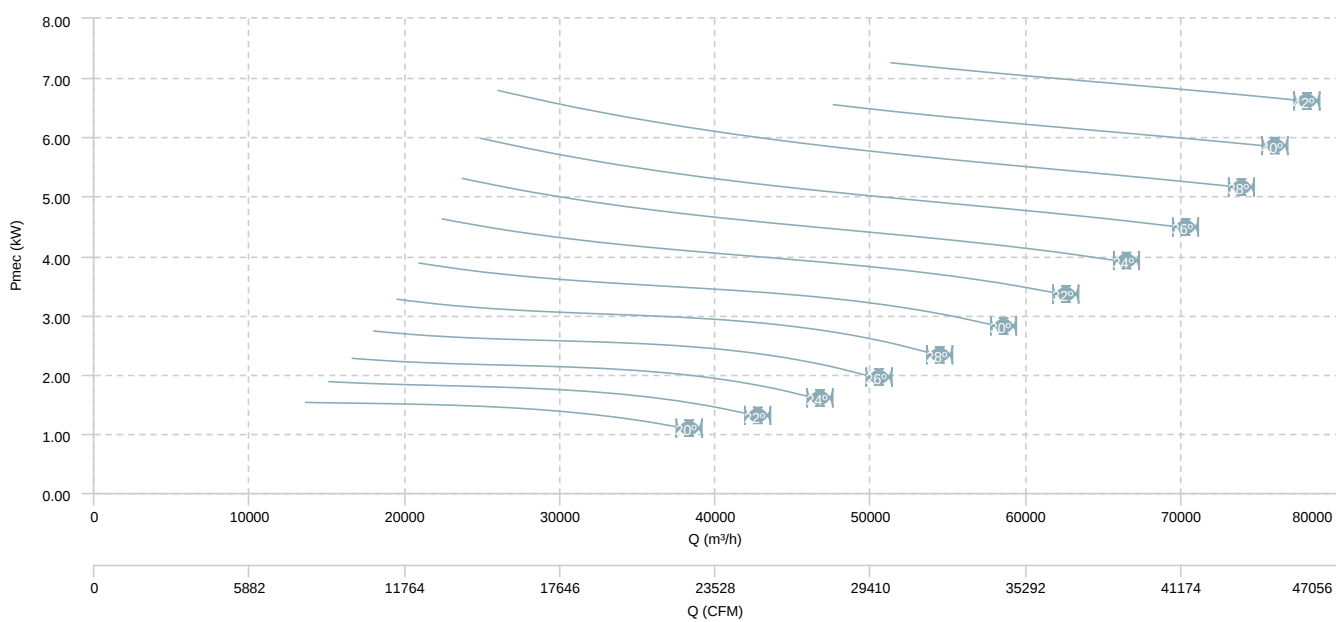


HMFx 125 T6 (A6:3) F300

## AIR FLOW - PRESSURE

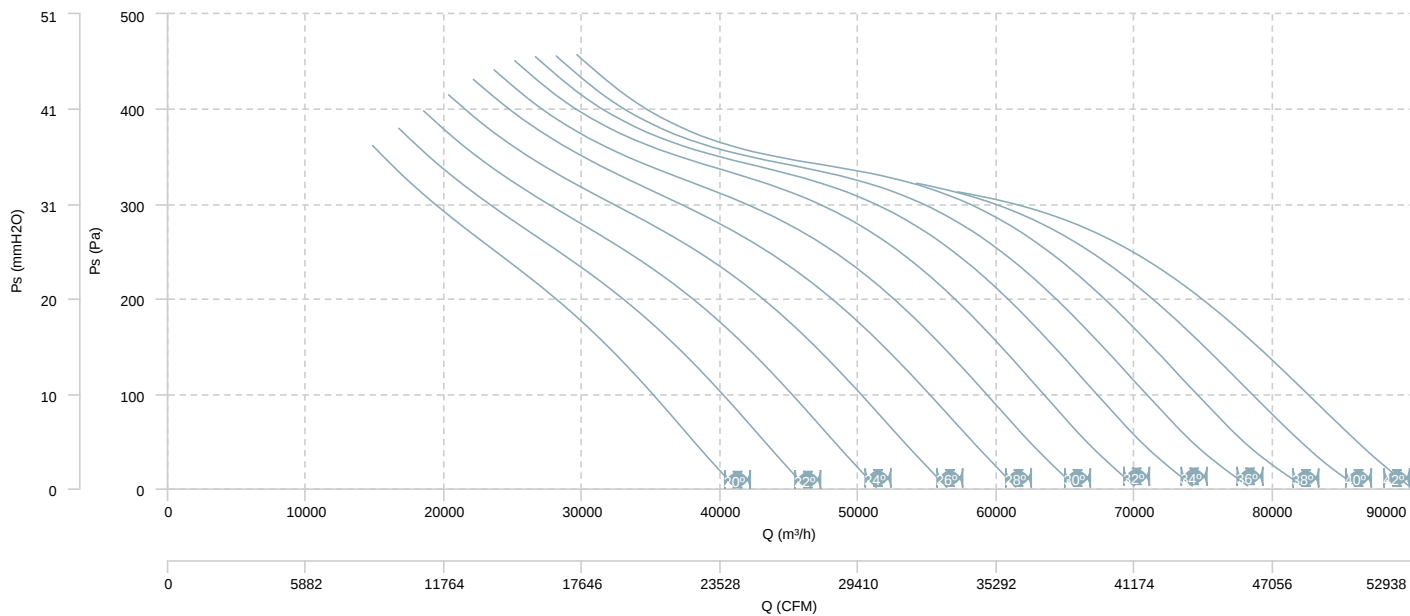


## AIR FLOW - MECHANICAL POWER



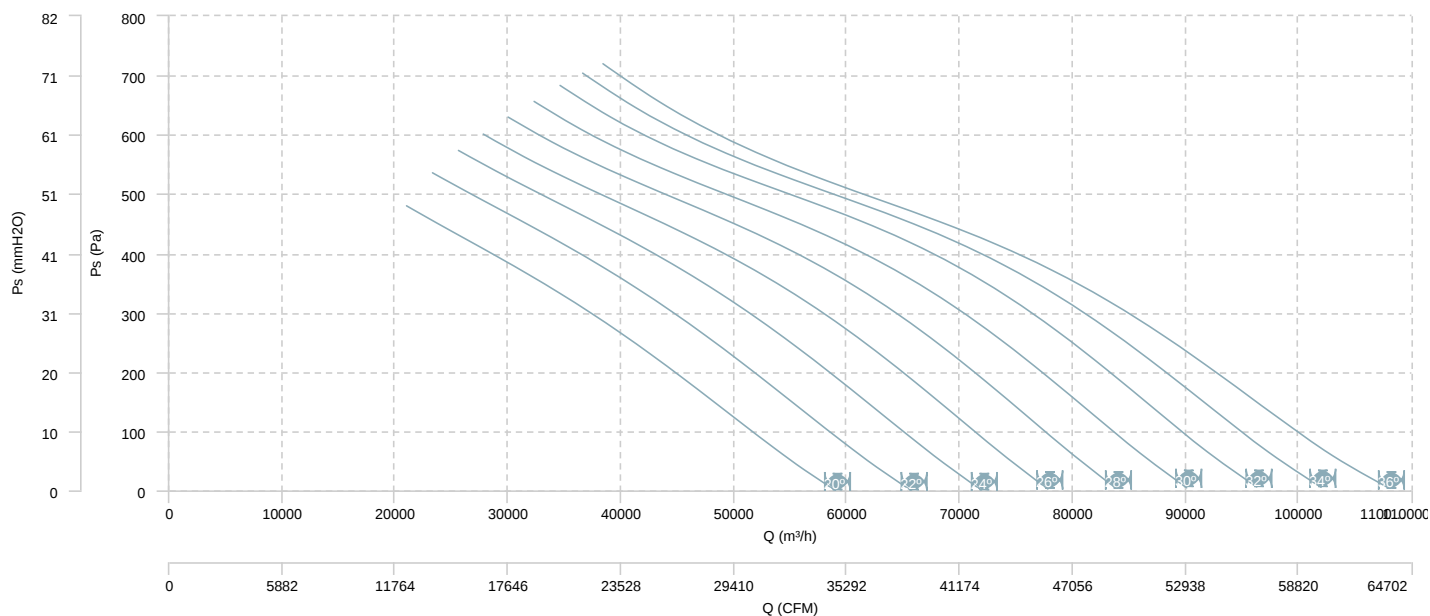
HMFX 125 T6 (A6:6) F300

**AIR FLOW - PRESSURE**

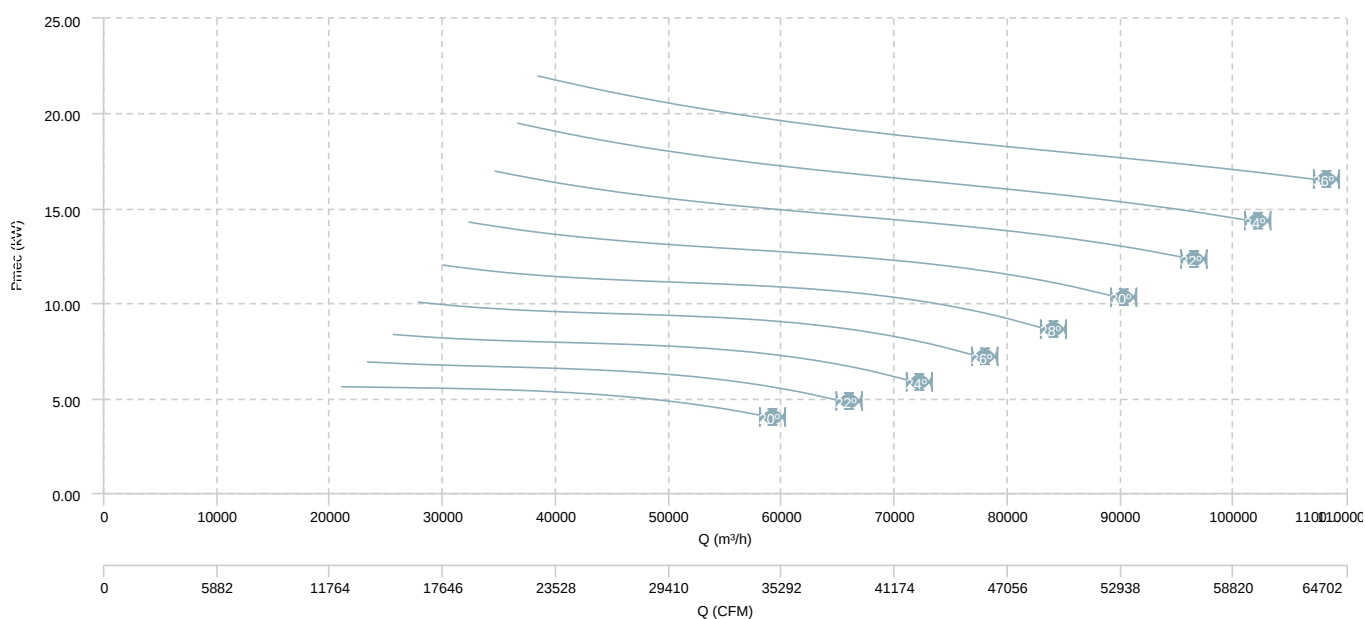


HMFx 125 T4/T6 (A6:3) F300

**AIR FLOW - PRESSURE (4 poles)**

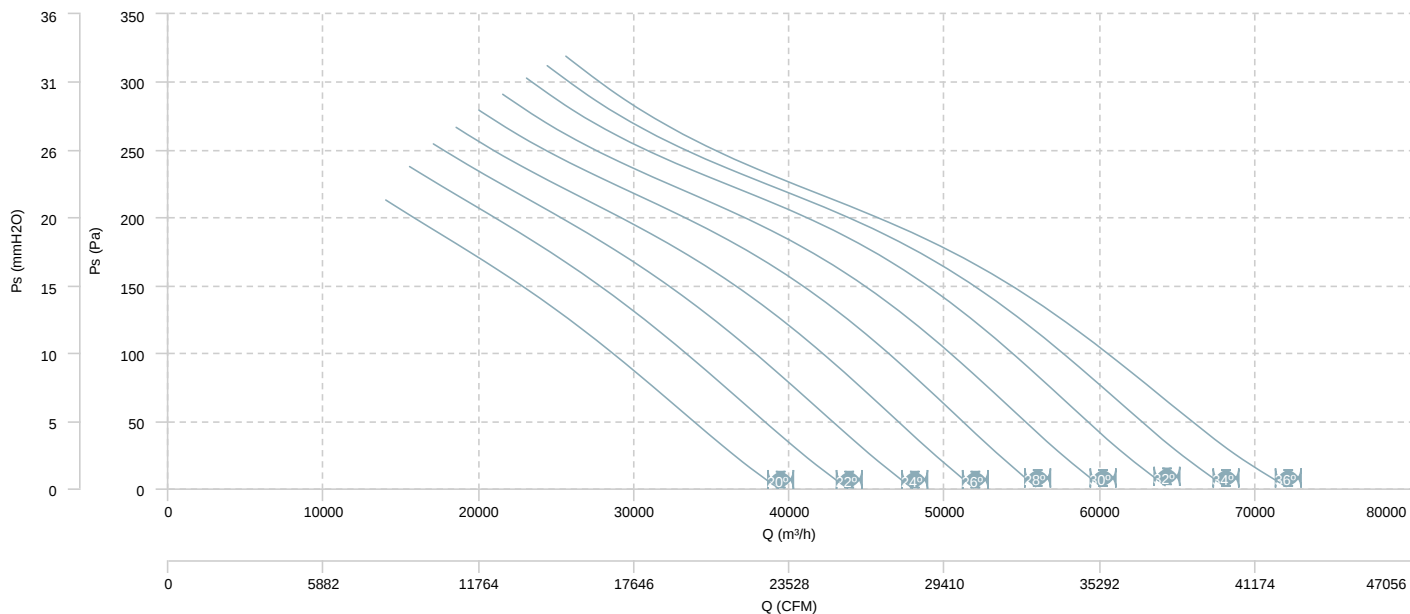


**AIR FLOW - MECHANICAL POWER (4 poles)**

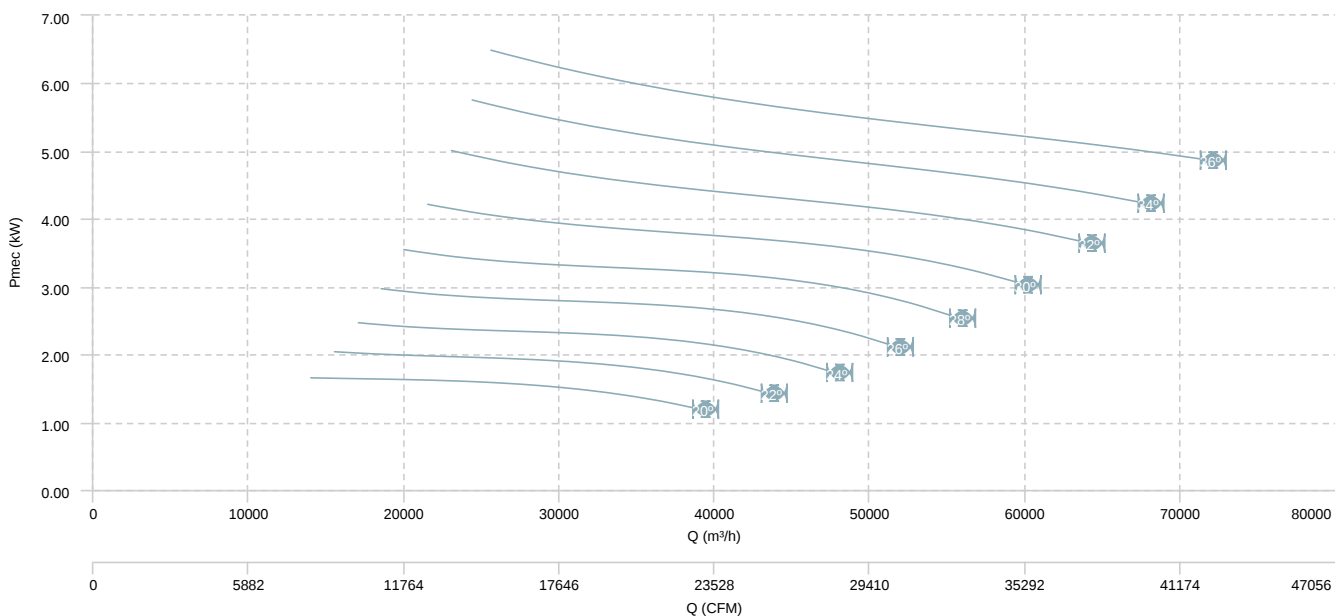


HMXF 125 T4/T6 (A6:3) F300

**AIR FLOW - PRESSURE (6 poles)**

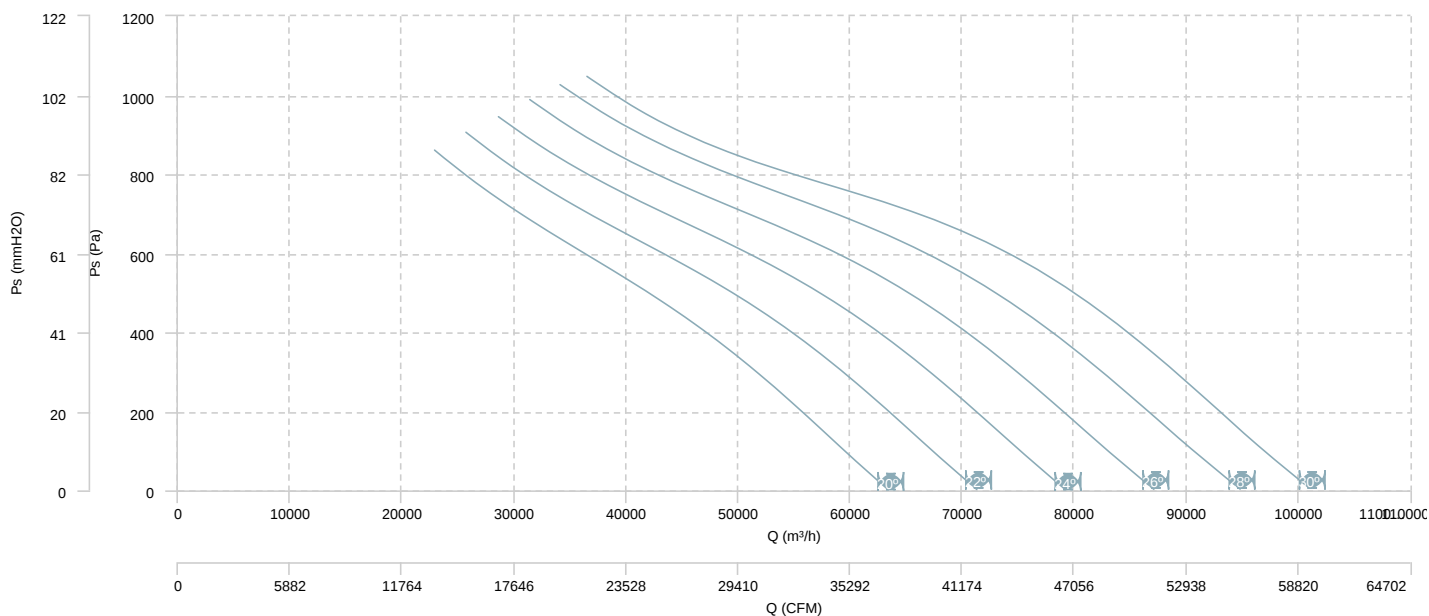


**AIR FLOW - MECHANICAL POWER (6 poles)**

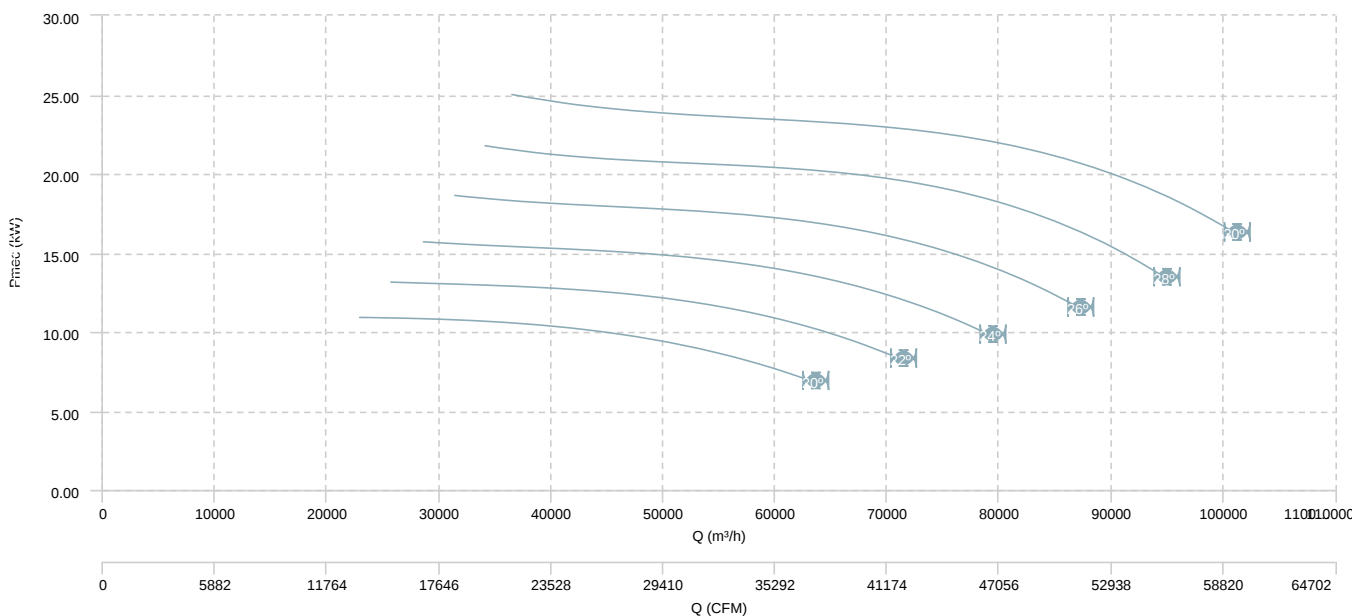


**HMXF 125 T4/T6 (A6:6) F300**

**AIR FLOW - PRESSURE (4 poles)**

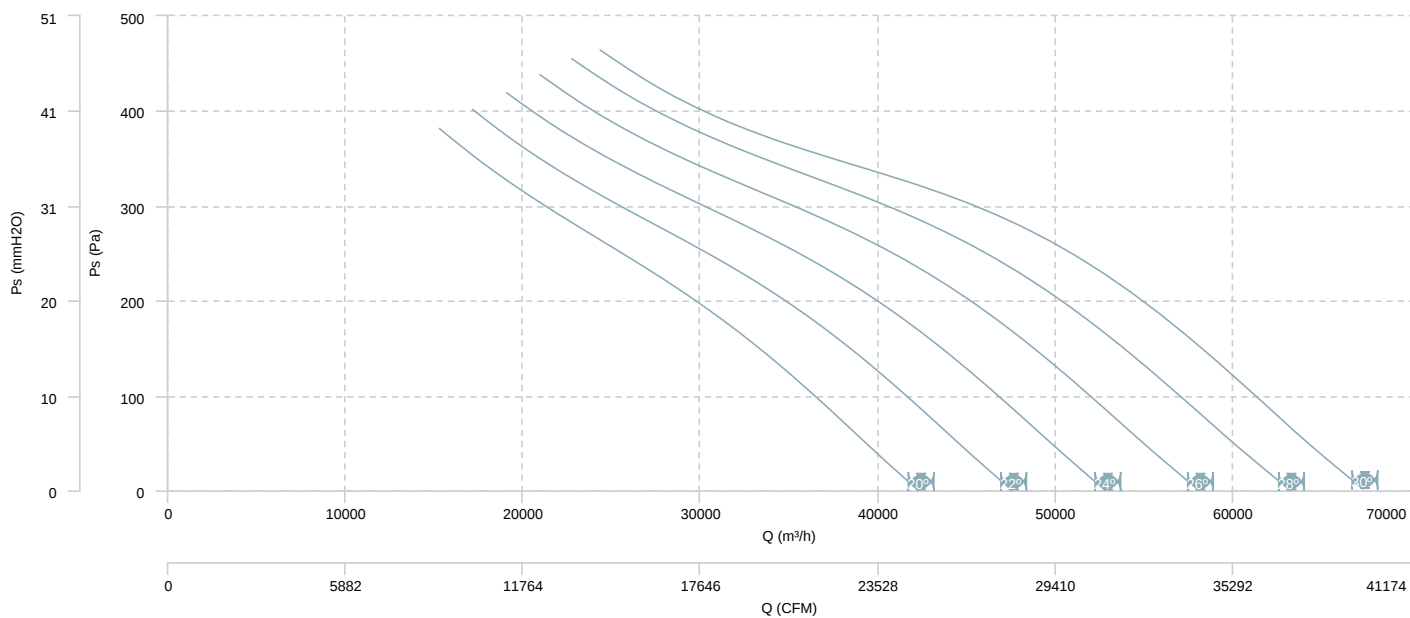


**AIR FLOW - MECHANICAL POWER (4 poles)**

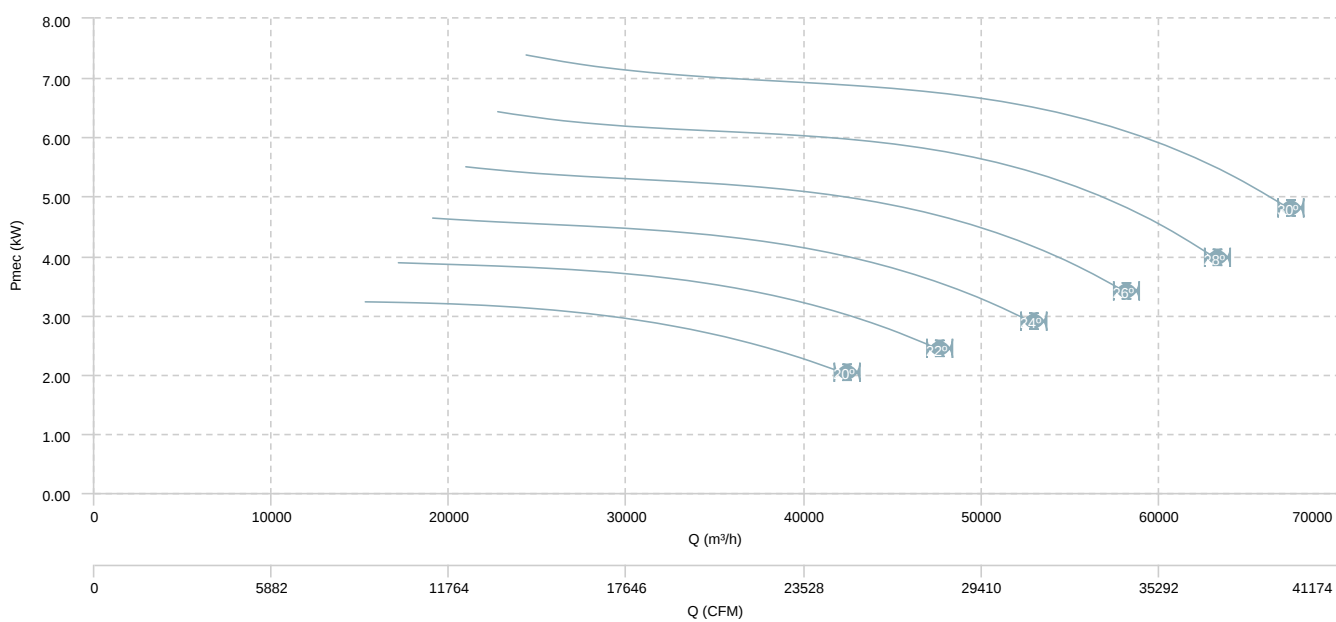


**HMXF 125 T4/T6 (A6:6) F300**

**AIR FLOW - PRESSURE (6 poles)**

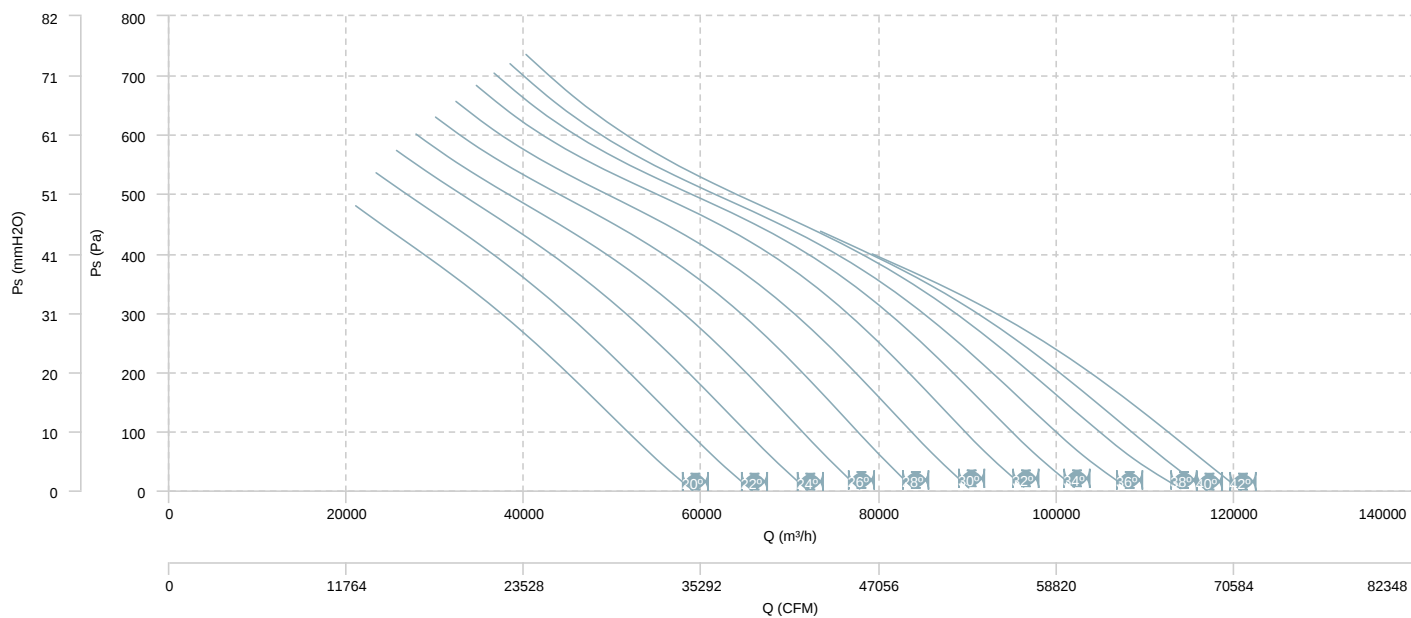


**AIR FLOW - MECHANICAL POWER (6 poles)**

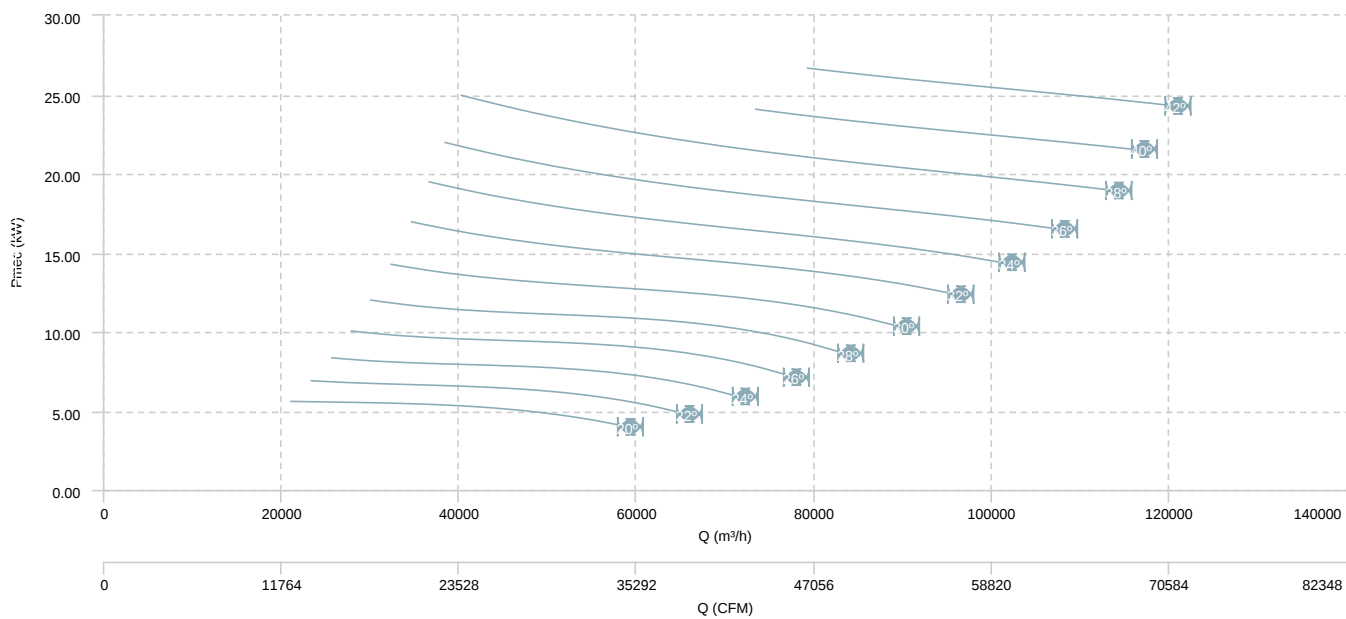


HMFx 125 T4/T8 (A6:3) F300

**AIR FLOW - PRESSURE (4 poles)**

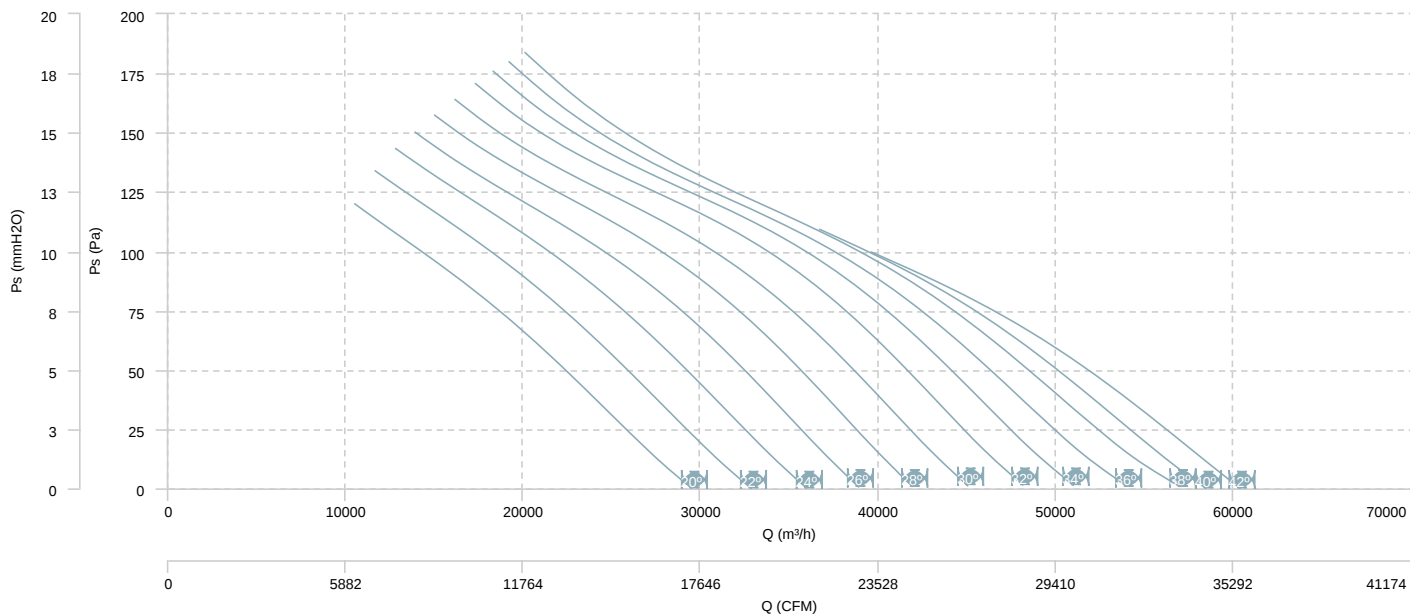


**AIR FLOW - MECHANICAL POWER (4 poles)**

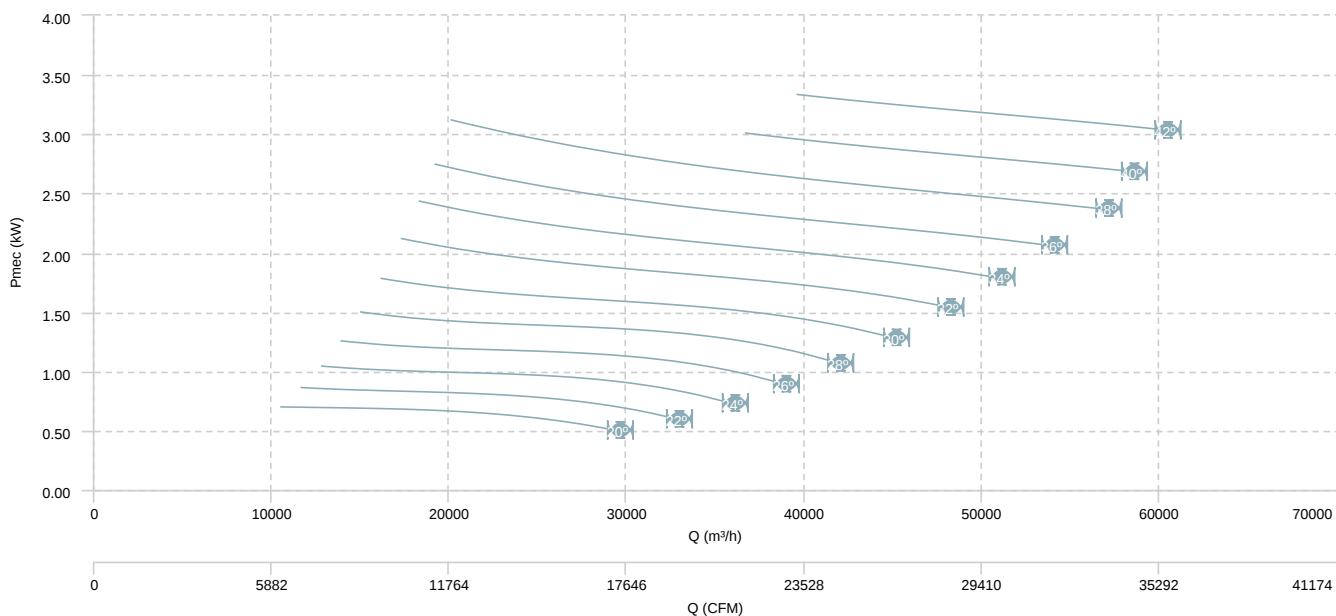


HMFx 125 T4/T8 (A6:3) F300

**AIR FLOW - PRESSURE (8 poles)**

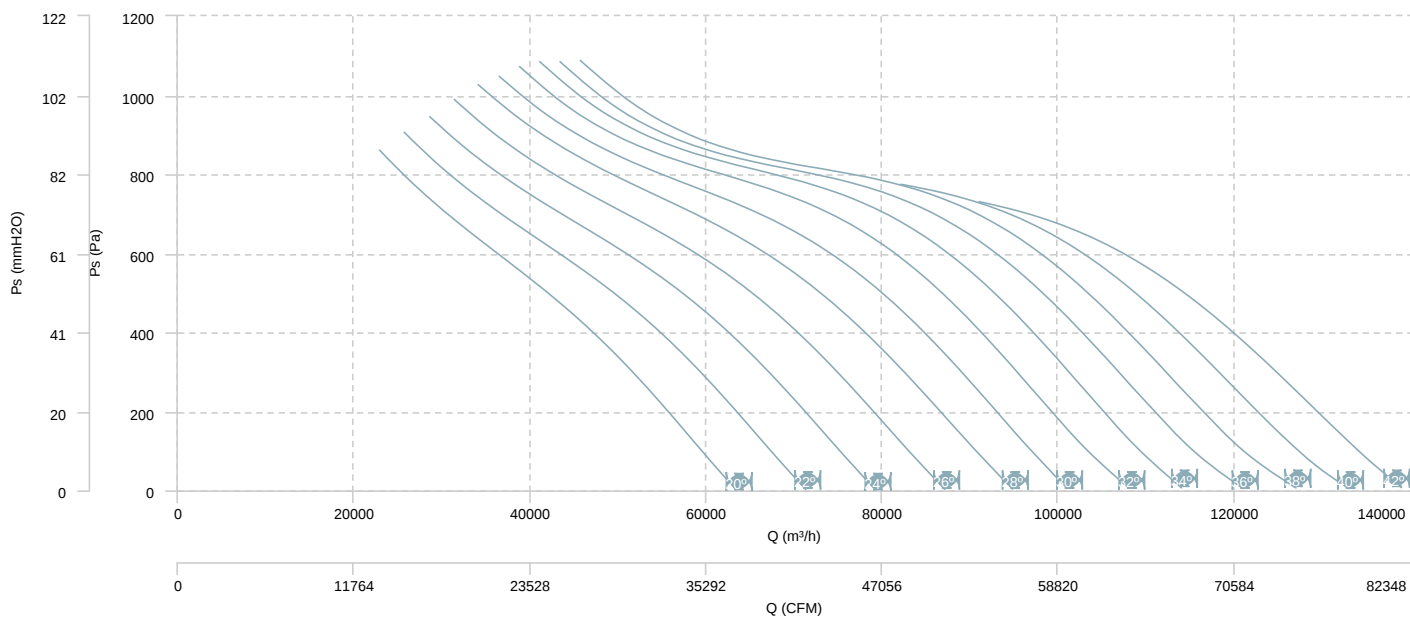


**AIR FLOW - MECHANICAL POWER (8 poles)**

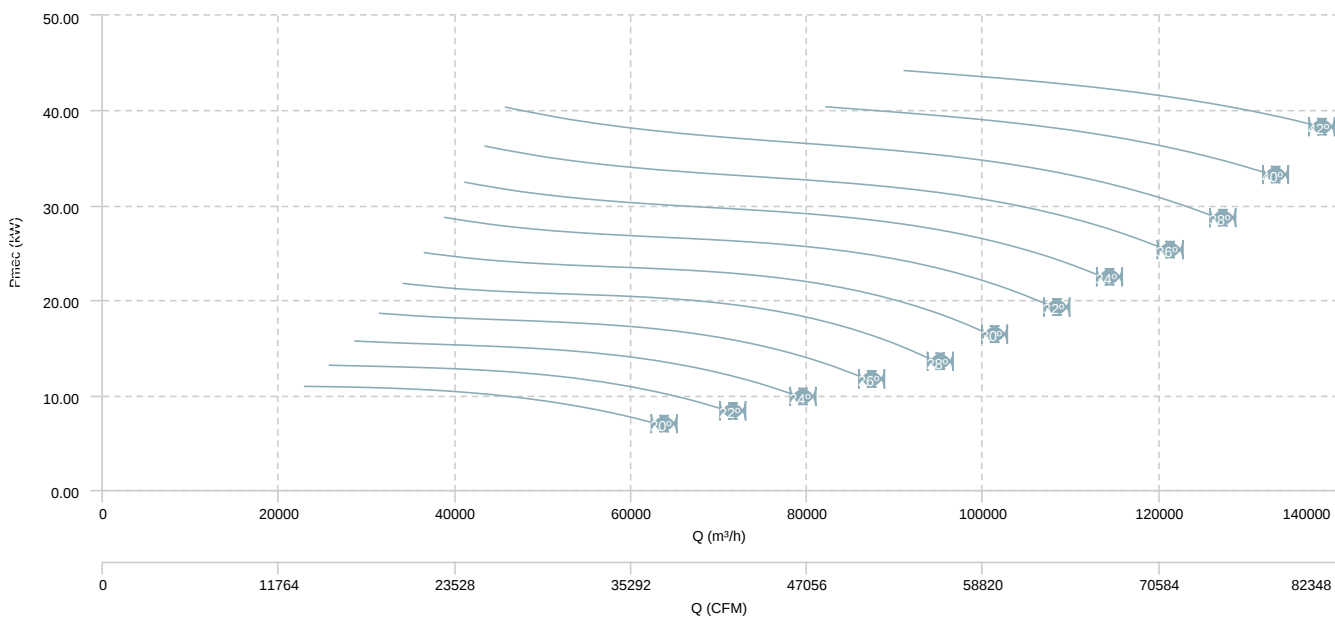


HMFx 125 T4/T8 (A6:6) F300

**AIR FLOW - PRESSURE (4 poles)**

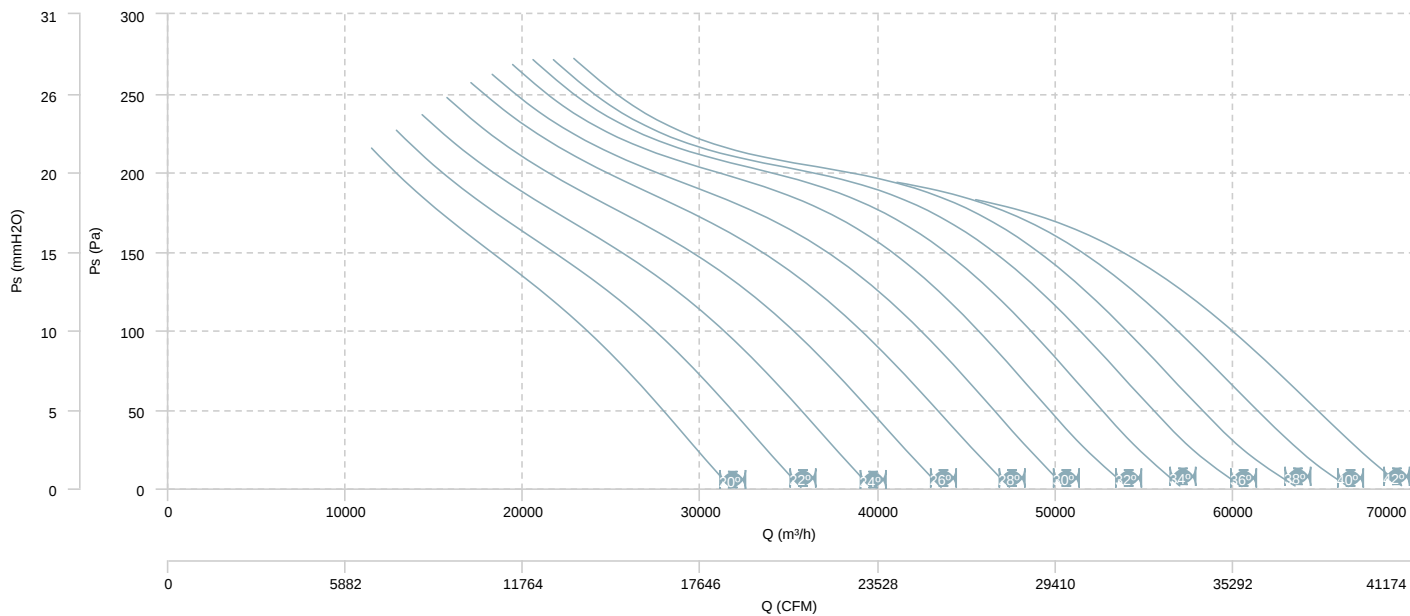


**AIR FLOW - MECHANICAL POWER (4 poles)**

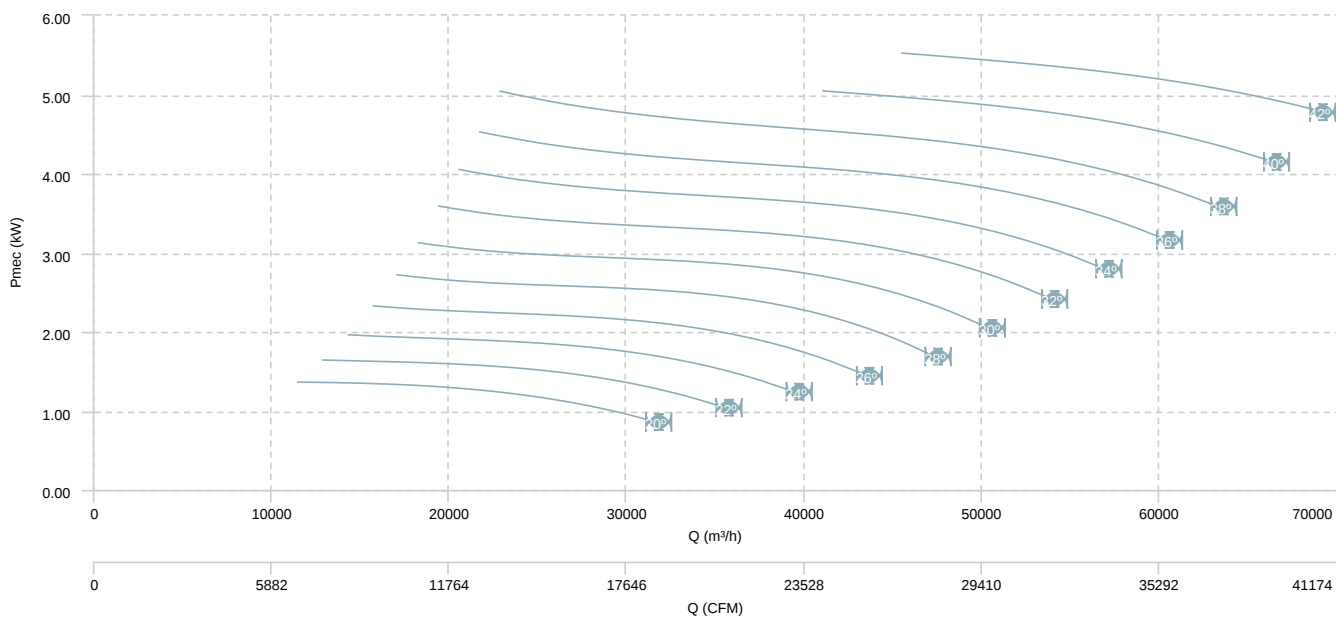


HMFx 125 T4/T8 (A6:6) F300

**AIR FLOW - PRESSURE (8 poles)**



**AIR FLOW - MECHANICAL POWER (8 poles)**



## Sound data

### Sound / 4 poles

| Sound power Lw dB (A)          |       |       |        |        |        |         |         |         |         |       |
|--------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                          |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 45 T4 (A2:6) F300 (20°)   | Inlet | 47    | 54     | 68     | 67     | 71      | 72      | 72      | 66      | 78    |
| HMFx 45 T4 (A2:6) F300 (25°)   | Inlet | 39    | 49     | 60     | 67     | 72      | 70      | 70      | 66      | 77    |
| HMFx 45 T4 (A2:6) F300 (27,5°) | Inlet | 44    | 53     | 61     | 68     | 71      | 71      | 72      | 67      | 77    |
| HMFx 45 T4 (A2:6) F300 (30°)   | Inlet | 45    | 53     | 61     | 67     | 70      | 70      | 71      | 66      | 76    |
| HMFx 45 T4 (A2:6) F300 (32,5°) | Inlet | 46    | 53     | 60     | 65     | 67      | 69      | 70      | 64      | 75    |
| HMFx 45 T4 (A2:6) F300 (35°)   | Inlet | 47    | 54     | 60     | 64     | 67      | 68      | 70      | 64      | 74    |
| HMFx 45 T4 (A2:6) F300 (37,5°) | Inlet | 47    | 54     | 59     | 64     | 66      | 68      | 69      | 63      | 74    |
| HMFx 45 T4 (A2:6) F300 (40°)   | Inlet | 47    | 54     | 60     | 64     | 67      | 68      | 69      | 63      | 74    |
| HMFx 45 T4 (A2:6) F300 (42,5°) | Inlet | 48    | 55     | 60     | 64     | 67      | 69      | 69      | 63      | 74    |
| HMFx 45 T4 (A2:6) F300 (45°)   | Inlet | 49    | 55     | 63     | 66     | 69      | 71      | 72      | 65      | 77    |
| HMFx 45 T4 (A2:9) F300 (20°)   | Inlet | 40    | 46     | 54     | 57     | 61      | 63      | 63      | 57      | 68    |
| HMFx 45 T4 (A2:9) F300 (25°)   | Inlet | 49    | 56     | 63     | 67     | 72      | 72      | 72      | 64      | 78    |
| HMFx 45 T4 (A2:9) F300 (27,5°) | Inlet | 48    | 55     | 63     | 68     | 72      | 72      | 73      | 66      | 78    |
| HMFx 45 T4 (A2:9) F300 (30°)   | Inlet | 47    | 54     | 63     | 68     | 72      | 72      | 72      | 66      | 78    |
| HMFx 45 T4 (A2:9) F300 (32,5°) | Inlet | 46    | 53     | 62     | 67     | 71      | 71      | 72      | 66      | 77    |
| HMFx 45 T4 (A2:9) F300 (35°)   | Inlet | 46    | 53     | 63     | 67     | 71      | 71      | 73      | 67      | 78    |
| HMFx 45 T4 (A2:9) F300 (37,5°) | Inlet | 46    | 53     | 63     | 67     | 72      | 72      | 73      | 68      | 78    |
| HMFx 45 T4 (A2:9) F300 (40°)   | Inlet | 46    | 53     | 64     | 67     | 70      | 71      | 73      | 67      | 77    |
| HMFx 45 T4 (A2:9) F300 (42,5°) | Inlet | 45    | 53     | 64     | 66     | 70      | 71      | 72      | 66      | 77    |
| HMFx 45 T4 (A2:9) F300 (45°)   | Inlet | 47    | 54     | 67     | 67     | 70      | 71      | 72      | 66      | 78    |
| HMFx 50 T4 (A2:6) F300 (20°)   | Inlet | 51    | 57     | 71     | 71     | 74      | 75      | 76      | 70      | 81    |
| HMFx 50 T4 (A2:6) F300 (25°)   | Inlet | 42    | 53     | 64     | 71     | 75      | 73      | 74      | 69      | 80    |
| HMFx 50 T4 (A2:6) F300 (27,5°) | Inlet | 48    | 57     | 65     | 72     | 75      | 75      | 76      | 70      | 81    |
| HMFx 50 T4 (A2:6) F300 (30°)   | Inlet | 49    | 57     | 65     | 71     | 74      | 74      | 75      | 70      | 80    |
| HMFx 50 T4 (A2:6) F300 (32,5°) | Inlet | 51    | 58     | 64     | 70     | 72      | 74      | 74      | 69      | 79    |
| HMFx 50 T4 (A2:6) F300 (35°)   | Inlet | 51    | 58     | 64     | 69     | 71      | 73      | 74      | 68      | 79    |
| HMFx 50 T4 (A2:6) F300 (37,5°) | Inlet | 51    | 58     | 64     | 68     | 71      | 72      | 73      | 67      | 78    |
| HMFx 50 T4 (A2:6) F300 (40°)   | Inlet | 51    | 58     | 64     | 68     | 71      | 73      | 73      | 67      | 78    |
| HMFx 50 T4 (A2:6) F300 (42,5°) | Inlet | 52    | 59     | 64     | 68     | 71      | 73      | 73      | 67      | 78    |
| HMFx 50 T4 (A2:6) F300 (45°)   | Inlet | 53    | 59     | 66     | 69     | 73      | 75      | 75      | 69      | 80    |
| HMFx 50 T4 (A2:9) F300 (20°)   | Inlet | 44    | 50     | 58     | 61     | 65      | 67      | 67      | 61      | 72    |
| HMFx 50 T4 (A2:9) F300 (25°)   | Inlet | 52    | 59     | 66     | 70     | 75      | 75      | 75      | 67      | 81    |
| HMFx 50 T4 (A2:9) F300 (27,5°) | Inlet | 51    | 59     | 67     | 71     | 76      | 76      | 76      | 69      | 82    |
| HMFx 50 T4 (A2:9) F300 (30°)   | Inlet | 51    | 58     | 67     | 71     | 75      | 76      | 76      | 70      | 81    |
| HMFx 50 T4 (A2:9) F300 (32,5°) | Inlet | 50    | 57     | 66     | 71     | 75      | 75      | 76      | 70      | 81    |

| Sound power Lw dB (A)          |       |       |        |        |        |         |         |         |         |       |
|--------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                          |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 50 T4 (A2:9) F300 (35°)   | Inlet | 50    | 56     | 66     | 71     | 75      | 75      | 76      | 71      | 81    |
| HMFx 50 T4 (A2:9) F300 (37,5°) | Inlet | 49    | 56     | 66     | 71     | 75      | 75      | 77      | 71      | 82    |
| HMFx 50 T4 (A2:9) F300 (40°)   | Inlet | 49    | 56     | 67     | 70     | 74      | 75      | 76      | 70      | 81    |
| HMFx 50 T4 (A2:9) F300 (42,5°) | Inlet | 49    | 56     | 68     | 70     | 73      | 74      | 76      | 70      | 81    |
| HMFx 50 T4 (A2:9) F300 (45°)   | Inlet | 50    | 57     | 70     | 70     | 74      | 75      | 76      | 70      | 81    |
| HMFx 56 T4 (A2:6) F300 (20°)   | Inlet | 54    | 60     | 72     | 74     | 77      | 78      | 78      | 73      | 84    |
| HMFx 56 T4 (A2:6) F300 (25°)   | Inlet | 46    | 55     | 65     | 74     | 76      | 76      | 77      | 72      | 82    |
| HMFx 56 T4 (A2:6) F300 (27,5°) | Inlet | 50    | 58     | 67     | 74     | 76      | 77      | 78      | 72      | 83    |
| HMFx 56 T4 (A2:6) F300 (30°)   | Inlet | 51    | 58     | 66     | 73     | 75      | 76      | 77      | 72      | 82    |
| HMFx 56 T4 (A2:6) F300 (32,5°) | Inlet | 52    | 59     | 66     | 71     | 74      | 75      | 76      | 71      | 81    |
| HMFx 56 T4 (A2:6) F300 (35°)   | Inlet | 53    | 60     | 66     | 71     | 73      | 75      | 76      | 70      | 81    |
| HMFx 56 T4 (A2:6) F300 (37,5°) | Inlet | 53    | 60     | 65     | 71     | 73      | 76      | 76      | 70      | 81    |
| HMFx 56 T4 (A2:6) F300 (40°)   | Inlet | 54    | 61     | 66     | 71     | 74      | 76      | 76      | 70      | 81    |
| HMFx 56 T4 (A2:6) F300 (42,5°) | Inlet | 54    | 62     | 67     | 72     | 74      | 76      | 77      | 70      | 82    |
| HMFx 56 T4 (A2:6) F300 (45°)   | Inlet | 56    | 61     | 69     | 72     | 75      | 77      | 77      | 71      | 82    |
| HMFx 56 T4 (A2:9) F300 (20°)   | Inlet | 47    | 51     | 60     | 63     | 66      | 68      | 68      | 62      | 73    |
| HMFx 56 T4 (A2:9) F300 (25°)   | Inlet | 54    | 59     | 68     | 74     | 77      | 77      | 77      | 69      | 83    |
| HMFx 56 T4 (A2:9) F300 (27,5°) | Inlet | 54    | 59     | 68     | 73     | 77      | 77      | 78      | 71      | 83    |
| HMFx 56 T4 (A2:9) F300 (30°)   | Inlet | 54    | 59     | 68     | 74     | 77      | 77      | 78      | 72      | 83    |
| HMFx 56 T4 (A2:9) F300 (32,5°) | Inlet | 54    | 59     | 68     | 74     | 77      | 78      | 79      | 73      | 84    |
| HMFx 56 T4 (A2:9) F300 (35°)   | Inlet | 53    | 59     | 69     | 74     | 77      | 78      | 79      | 73      | 84    |
| HMFx 56 T4 (A2:9) F300 (37,5°) | Inlet | 53    | 59     | 69     | 74     | 77      | 78      | 79      | 73      | 84    |
| HMFx 56 T4 (A2:9) F300 (40°)   | Inlet | 53    | 60     | 69     | 73     | 77      | 78      | 79      | 73      | 84    |
| HMFx 56 T4 (A2:9) F300 (42,5°) | Inlet | 53    | 60     | 70     | 73     | 77      | 77      | 78      | 73      | 83    |
| HMFx 56 T4 (A2:9) F300 (45°)   | Inlet | 54    | 60     | 71     | 73     | 77      | 78      | 78      | 73      | 84    |
| HMFx 63 T4 (A2:6) F300 (20°)   | Inlet | 58    | 65     | 70     | 76     | 79      | 81      | 81      | 76      | 86    |
| HMFx 63 T4 (A2:6) F300 (25°)   | Inlet | 49    | 52     | 65     | 74     | 74      | 74      | 76      | 71      | 81    |
| HMFx 63 T4 (A2:6) F300 (27,5°) | Inlet | 53    | 58     | 68     | 76     | 77      | 78      | 79      | 74      | 84    |
| HMFx 63 T4 (A2:6) F300 (30°)   | Inlet | 53    | 59     | 68     | 75     | 77      | 78      | 79      | 74      | 84    |
| HMFx 63 T4 (A2:6) F300 (32,5°) | Inlet | 54    | 61     | 68     | 74     | 76      | 78      | 78      | 73      | 84    |
| HMFx 63 T4 (A2:6) F300 (35°)   | Inlet | 54    | 61     | 67     | 73     | 76      | 78      | 78      | 73      | 83    |
| HMFx 63 T4 (A2:6) F300 (37,5°) | Inlet | 54    | 61     | 66     | 73     | 75      | 78      | 78      | 72      | 83    |
| HMFx 63 T4 (A2:6) F300 (40°)   | Inlet | 55    | 62     | 67     | 73     | 76      | 78      | 78      | 72      | 83    |
| HMFx 63 T4 (A2:6) F300 (42,5°) | Inlet | 56    | 62     | 69     | 74     | 76      | 78      | 78      | 72      | 84    |
| HMFx 63 T4 (A2:6) F300 (45°)   | Inlet | 58    | 63     | 70     | 75     | 78      | 79      | 79      | 73      | 84    |
| HMFx 63 T4 (A2:9) F300 (20°)   | Inlet | 49    | 53     | 62     | 65     | 69      | 70      | 69      | 63      | 75    |
| HMFx 63 T4 (A2:9) F300 (25°)   | Inlet | 57    | 60     | 72     | 77     | 79      | 78      | 80      | 74      | 85    |
| HMFx 63 T4 (A2:9) F300 (27,5°) | Inlet | 57    | 61     | 71     | 77     | 79      | 79      | 80      | 75      | 85    |
| HMFx 63 T4 (A2:9) F300 (30°)   | Inlet | 58    | 62     | 71     | 77     | 79      | 80      | 81      | 75      | 86    |

| Sound power Lw dB (A)          |       |       |        |        |        |         |         |         |         |       |
|--------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                          |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 63 T4 (A2:9) F300 (32,5°) | Inlet | 58    | 63     | 71     | 77     | 79      | 80      | 81      | 76      | 86    |
| HMFx 63 T4 (A2:9) F300 (35°)   | Inlet | 58    | 63     | 71     | 77     | 79      | 81      | 82      | 76      | 87    |
| HMFx 63 T4 (A2:9) F300 (37,5°) | Inlet | 57    | 64     | 71     | 77     | 80      | 81      | 82      | 76      | 87    |
| HMFx 63 T4 (A2:9) F300 (40°)   | Inlet | 57    | 64     | 71     | 77     | 79      | 81      | 81      | 76      | 87    |
| HMFx 63 T4 (A2:9) F300 (42,5°) | Inlet | 58    | 64     | 70     | 76     | 79      | 81      | 81      | 76      | 86    |
| HMFx 63 T4 (A2:9) F300 (45°)   | Inlet | 58    | 64     | 70     | 76     | 79      | 81      | 81      | 76      | 86    |
| HMFx 71 T4 (A2:6) F300 (20°)   | Inlet | 60    | 68     | 74     | 79     | 82      | 83      | 83      | 77      | 89    |
| HMFx 71 T4 (A2:6) F300 (25°)   | Inlet | 55    | 61     | 73     | 80     | 83      | 82      | 84      | 78      | 89    |
| HMFx 71 T4 (A2:6) F300 (27,5°) | Inlet | 57    | 63     | 72     | 79     | 82      | 82      | 84      | 78      | 89    |
| HMFx 71 T4 (A2:6) F300 (30°)   | Inlet | 57    | 64     | 72     | 79     | 81      | 82      | 83      | 78      | 88    |
| HMFx 71 T4 (A2:6) F300 (32,5°) | Inlet | 58    | 65     | 71     | 78     | 80      | 82      | 82      | 77      | 87    |
| HMFx 71 T4 (A2:6) F300 (35°)   | Inlet | 58    | 65     | 70     | 77     | 79      | 81      | 81      | 76      | 86    |
| HMFx 71 T4 (A2:6) F300 (37,5°) | Inlet | 57    | 64     | 70     | 75     | 78      | 80      | 81      | 74      | 86    |
| HMFx 71 T4 (A2:6) F300 (40°)   | Inlet | 58    | 66     | 71     | 76     | 79      | 81      | 81      | 75      | 86    |
| HMFx 71 T4 (A2:6) F300 (42,5°) | Inlet | 60    | 66     | 72     | 77     | 80      | 82      | 81      | 75      | 87    |
| HMFx 71 T4 (A2:6) F300 (45°)   | Inlet | 61    | 66     | 74     | 77     | 81      | 82      | 81      | 75      | 87    |
| HMFx 71 T4 (A2:9) F300 (20°)   | Inlet | 53    | 57     | 65     | 68     | 71      | 72      | 72      | 65      | 78    |
| HMFx 71 T4 (A2:9) F300 (25°)   | Inlet | 61    | 67     | 76     | 83     | 86      | 85      | 87      | 80      | 92    |
| HMFx 71 T4 (A2:9) F300 (27,5°) | Inlet | 61    | 67     | 75     | 81     | 84      | 84      | 86      | 79      | 91    |
| HMFx 71 T4 (A2:9) F300 (30°)   | Inlet | 61    | 67     | 74     | 81     | 83      | 84      | 85      | 79      | 90    |
| HMFx 71 T4 (A2:9) F300 (32,5°) | Inlet | 61    | 67     | 73     | 80     | 82      | 83      | 84      | 79      | 89    |
| HMFx 71 T4 (A2:9) F300 (35°)   | Inlet | 60    | 67     | 73     | 80     | 83      | 84      | 84      | 79      | 89    |
| HMFx 71 T4 (A2:9) F300 (37,5°) | Inlet | 60    | 67     | 73     | 80     | 83      | 84      | 84      | 78      | 89    |
| HMFx 71 T4 (A2:9) F300 (40°)   | Inlet | 61    | 68     | 74     | 79     | 83      | 84      | 84      | 78      | 90    |
| HMFx 71 T4 (A2:9) F300 (42,5°) | Inlet | 62    | 69     | 74     | 79     | 83      | 84      | 84      | 78      | 90    |
| HMFx 71 T4 (A2:9) F300 (45°)   | Inlet | 61    | 68     | 74     | 79     | 82      | 84      | 83      | 77      | 89    |
| HMFx 80 T4 (A2:6) F300 (20°)   | Inlet | 64    | 72     | 78     | 81     | 84      | 86      | 85      | 79      | 91    |
| HMFx 80 T4 (A2:6) F300 (25°)   | Inlet | 55    | 62     | 72     | 80     | 84      | 83      | 85      | 80      | 90    |
| HMFx 80 T4 (A2:6) F300 (27,5°) | Inlet | 58    | 65     | 73     | 80     | 83      | 84      | 85      | 79      | 90    |
| HMFx 80 T4 (A2:6) F300 (30°)   | Inlet | 59    | 66     | 73     | 80     | 83      | 84      | 85      | 79      | 90    |
| HMFx 80 T4 (A2:6) F300 (32,5°) | Inlet | 60    | 67     | 73     | 79     | 82      | 84      | 85      | 79      | 90    |
| HMFx 80 T4 (A2:6) F300 (35°)   | Inlet | 61    | 68     | 74     | 79     | 82      | 85      | 85      | 78      | 90    |
| HMFx 80 T4 (A2:6) F300 (37,5°) | Inlet | 62    | 69     | 75     | 79     | 82      | 85      | 84      | 77      | 89    |
| HMFx 80 T4 (A2:6) F300 (40°)   | Inlet | 62    | 69     | 75     | 79     | 82      | 84      | 83      | 77      | 89    |
| HMFx 80 T4 (A2:6) F300 (42,5°) | Inlet | 62    | 70     | 75     | 79     | 82      | 83      | 83      | 76      | 88    |
| HMFx 80 T4 (A2:6) F300 (45°)   | Inlet | 62    | 70     | 76     | 79     | 82      | 83      | 83      | 76      | 89    |
| HMFx 80 T4 (A2:9) F300 (20°)   | Inlet | 53    | 60     | 67     | 70     | 73      | 74      | 74      | 67      | 80    |
| HMFx 80 T4 (A2:9) F300 (25°)   | Inlet | 60    | 72     | 79     | 90     | 92      | 90      | 93      | 84      | 98    |
| HMFx 80 T4 (A2:9) F300 (27,5°) | Inlet | 62    | 72     | 77     | 87     | 89      | 89      | 90      | 83      | 95    |

| Sound power Lw dB (A)          |       |       |        |        |        |         |         |         |         |       |
|--------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                          |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 80 T4 (A2:9) F300 (30°)   | Inlet | 63    | 72     | 77     | 86     | 89      | 89      | 90      | 83      | 95    |
| HMFx 80 T4 (A2:9) F300 (32,5°) | Inlet | 64    | 71     | 76     | 84     | 87      | 88      | 89      | 83      | 94    |
| HMFx 80 T4 (A2:9) F300 (35°)   | Inlet | 63    | 70     | 76     | 83     | 87      | 88      | 88      | 82      | 93    |
| HMFx 80 T4 (A2:9) F300 (37,5°) | Inlet | 63    | 70     | 76     | 82     | 86      | 88      | 87      | 81      | 93    |
| HMFx 80 T4 (A2:9) F300 (40°)   | Inlet | 64    | 71     | 76     | 82     | 85      | 87      | 87      | 80      | 92    |
| HMFx 80 T4 (A2:9) F300 (42,5°) | Inlet | 65    | 72     | 77     | 81     | 85      | 87      | 86      | 80      | 92    |
| HMFx 80 T4 (A2:9) F300 (45°)   | Inlet | 64    | 72     | 78     | 81     | 84      | 86      | 85      | 79      | 91    |
| HMFx 90 T4 (A6:3) F300 (20°)   | Inlet | 68    | 78     | 83     | 89     | 90      | 91      | 92      | 86      | 97    |
| HMFx 90 T4 (A6:3) F300 (22°)   | Inlet | 60    | 64     | 73     | 75     | 79      | 81      | 84      | 78      | 88    |
| HMFx 90 T4 (A6:3) F300 (24°)   | Inlet | 62    | 65     | 74     | 77     | 81      | 83      | 85      | 79      | 89    |
| HMFx 90 T4 (A6:3) F300 (26°)   | Inlet | 63    | 67     | 76     | 79     | 83      | 84      | 86      | 80      | 90    |
| HMFx 90 T4 (A6:3) F300 (28°)   | Inlet | 64    | 69     | 77     | 81     | 84      | 85      | 87      | 81      | 92    |
| HMFx 90 T4 (A6:3) F300 (30°)   | Inlet | 65    | 70     | 78     | 83     | 85      | 87      | 88      | 82      | 93    |
| HMFx 90 T4 (A6:3) F300 (32°)   | Inlet | 66    | 72     | 79     | 85     | 86      | 88      | 89      | 83      | 94    |
| HMFx 90 T4 (A6:3) F300 (34°)   | Inlet | 66    | 72     | 79     | 86     | 87      | 88      | 90      | 84      | 95    |
| HMFx 90 T4 (A6:3) F300 (36°)   | Inlet | 66    | 72     | 80     | 87     | 87      | 89      | 90      | 84      | 95    |
| HMFx 90 T4 (A6:3) F300 (38°)   | Inlet | 66    | 73     | 80     | 88     | 88      | 90      | 90      | 84      | 96    |
| HMFx 90 T4 (A6:3) F300 (40°)   | Inlet | 66    | 74     | 81     | 89     | 89      | 91      | 91      | 85      | 97    |
| HMFx 90 T4 (A6:3) F300 (42°)   | Inlet | 67    | 75     | 82     | 90     | 90      | 92      | 92      | 86      | 98    |
| HMFx 90 T4 (A6:6) F300 (20°)   | Inlet | 58    | 66     | 74     | 81     | 82      | 84      | 83      | 78      | 89    |
| HMFx 90 T4 (A6:6) F300 (22°)   | Inlet | 65    | 75     | 82     | 89     | 93      | 91      | 91      | 86      | 98    |
| HMFx 90 T4 (A6:6) F300 (24°)   | Inlet | 66    | 76     | 82     | 89     | 93      | 91      | 92      | 87      | 98    |
| HMFx 90 T4 (A6:6) F300 (26°)   | Inlet | 67    | 76     | 83     | 90     | 93      | 92      | 93      | 88      | 99    |
| HMFx 90 T4 (A6:6) F300 (28°)   | Inlet | 68    | 77     | 83     | 90     | 93      | 92      | 93      | 88      | 99    |
| HMFx 90 T4 (A6:6) F300 (30°)   | Inlet | 68    | 78     | 84     | 90     | 93      | 93      | 93      | 88      | 99    |
| HMFx 90 T4 (A6:6) F300 (32°)   | Inlet | 69    | 78     | 84     | 91     | 92      | 93      | 94      | 89      | 99    |
| HMFx 90 T4 (A6:6) F300 (34°)   | Inlet | 68    | 77     | 82     | 89     | 90      | 91      | 93      | 87      | 98    |
| HMFx 90 T4 (A6:6) F300 (36°)   | Inlet | 67    | 75     | 81     | 87     | 89      | 90      | 91      | 86      | 96    |
| HMFx 90 T4 (A6:6) F300 (38°)   | Inlet | 66    | 75     | 81     | 87     | 88      | 90      | 91      | 85      | 96    |
| HMFx 90 T4 (A6:6) F300 (40°)   | Inlet | 67    | 76     | 82     | 88     | 89      | 90      | 91      | 86      | 96    |
| HMFx 90 T4 (A6:6) F300 (42°)   | Inlet | 68    | 77     | 82     | 88     | 89      | 91      | 92      | 86      | 97    |
| HMFx 100 T4 (A6:3) F300 (20°)  | Inlet | 73    | 81     | 87     | 92     | 93      | 95      | 95      | 89      | 101   |
| HMFx 100 T4 (A6:3) F300 (22°)  | Inlet | 64    | 71     | 77     | 81     | 87      | 89      | 92      | 85      | 95    |
| HMFx 100 T4 (A6:3) F300 (24°)  | Inlet | 66    | 73     | 78     | 83     | 88      | 89      | 93      | 85      | 96    |
| HMFx 100 T4 (A6:3) F300 (26°)  | Inlet | 66    | 73     | 79     | 83     | 88      | 89      | 92      | 85      | 96    |
| HMFx 100 T4 (A6:3) F300 (28°)  | Inlet | 66    | 73     | 79     | 84     | 87      | 89      | 91      | 84      | 95    |
| HMFx 100 T4 (A6:3) F300 (30°)  | Inlet | 66    | 72     | 79     | 84     | 87      | 88      | 90      | 84      | 94    |
| HMFx 100 T4 (A6:3) F300 (32°)  | Inlet | 66    | 72     | 79     | 84     | 87      | 88      | 89      | 84      | 94    |
| HMFx 100 T4 (A6:3) F300 (34°)  | Inlet | 68    | 74     | 81     | 86     | 88      | 89      | 90      | 85      | 95    |

| Sound power Lw dB (A)         |       |       |        |        |        |         |         |         |         |       |
|-------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                         |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFX 100 T4 (A6:3) F300 (36º) | Inlet | 69    | 75     | 82     | 88     | 89      | 91      | 91      | 86      | 96    |
| HMFX 100 T4 (A6:3) F300 (38º) | Inlet | 70    | 76     | 83     | 89     | 90      | 91      | 91      | 86      | 97    |
| HMFX 100 T4 (A6:3) F300 (40º) | Inlet | 70    | 77     | 83     | 89     | 91      | 92      | 92      | 87      | 98    |
| HMFX 100 T4 (A6:3) F300 (42º) | Inlet | 70    | 77     | 83     | 90     | 92      | 93      | 93      | 88      | 99    |
| HMFX 100 T4 (A6:6) F300 (20º) | Inlet | 60    | 68     | 74     | 81     | 83      | 84      | 84      | 79      | 90    |
| HMFX 100 T4 (A6:6) F300 (22º) | Inlet | 69    | 80     | 86     | 96     | 96      | 96      | 96      | 92      | 103   |
| HMFX 100 T4 (A6:6) F300 (24º) | Inlet | 70    | 81     | 86     | 95     | 96      | 96      | 96      | 92      | 102   |
| HMFX 100 T4 (A6:6) F300 (26º) | Inlet | 71    | 81     | 87     | 95     | 96      | 96      | 96      | 92      | 102   |
| HMFX 100 T4 (A6:6) F300 (28º) | Inlet | 72    | 82     | 88     | 95     | 96      | 96      | 97      | 92      | 103   |
| HMFX 100 T4 (A6:6) F300 (30º) | Inlet | 73    | 82     | 89     | 95     | 96      | 97      | 97      | 93      | 103   |
| HMFX 100 T4 (A6:6) F300 (32º) | Inlet | 74    | 82     | 89     | 95     | 96      | 97      | 98      | 93      | 103   |
| HMFX 100 T4 (A6:6) F300 (34º) | Inlet | 73    | 81     | 88     | 93     | 95      | 95      | 96      | 92      | 102   |
| HMFX 100 T4 (A6:6) F300 (36º) | Inlet | 72    | 80     | 87     | 91     | 93      | 94      | 95      | 90      | 100   |
| HMFX 100 T4 (A6:6) F300 (38º) | Inlet | 72    | 80     | 86     | 90     | 92      | 93      | 94      | 89      | 100   |
| HMFX 100 T4 (A6:6) F300 (40º) | Inlet | 72    | 81     | 87     | 91     | 93      | 94      | 95      | 89      | 100   |
| HMFX 100 T4 (A6:6) F300 (42º) | Inlet | 73    | 81     | 87     | 91     | 94      | 95      | 95      | 90      | 101   |
| HMFX 112 T4 (A6:3) F300 (20º) | Inlet | 79    | 84     | 92     | 95     | 98      | 99      | 99      | 93      | 104   |
| HMFX 112 T4 (A6:3) F300 (22º) | Inlet | 67    | 75     | 80     | 86     | 92      | 93      | 95      | 89      | 99    |
| HMFX 112 T4 (A6:3) F300 (24º) | Inlet | 69    | 76     | 81     | 87     | 92      | 94      | 95      | 90      | 100   |
| HMFX 112 T4 (A6:3) F300 (26º) | Inlet | 70    | 77     | 82     | 88     | 93      | 94      | 96      | 90      | 100   |
| HMFX 112 T4 (A6:3) F300 (28º) | Inlet | 71    | 77     | 83     | 89     | 93      | 94      | 96      | 90      | 100   |
| HMFX 112 T4 (A6:3) F300 (30º) | Inlet | 71    | 77     | 84     | 89     | 92      | 94      | 96      | 90      | 100   |
| HMFX 112 T4 (A6:3) F300 (32º) | Inlet | 71    | 77     | 84     | 89     | 92      | 93      | 95      | 90      | 99    |
| HMFX 112 T4 (A6:3) F300 (34º) | Inlet | 72    | 77     | 85     | 90     | 92      | 93      | 95      | 90      | 100   |
| HMFX 112 T4 (A6:3) F300 (36º) | Inlet | 73    | 78     | 85     | 90     | 92      | 93      | 95      | 90      | 100   |
| HMFX 112 T4 (A6:3) F300 (38º) | Inlet | 73    | 78     | 86     | 91     | 93      | 94      | 95      | 90      | 100   |
| HMFX 112 T4 (A6:3) F300 (40º) | Inlet | 73    | 79     | 86     | 91     | 93      | 94      | 95      | 90      | 100   |
| HMFX 112 T4 (A6:3) F300 (42º) | Inlet | 73    | 79     | 85     | 91     | 94      | 95      | 95      | 90      | 101   |
| HMFX 112 T4 (A6:6) F300 (20º) | Inlet | 64    | 71     | 76     | 82     | 85      | 86      | 86      | 81      | 92    |
| HMFX 112 T4 (A6:6) F300 (22º) | Inlet | 70    | 81     | 87     | 98     | 99      | 98      | 99      | 94      | 105   |
| HMFX 112 T4 (A6:6) F300 (24º) | Inlet | 71    | 81     | 87     | 97     | 98      | 98      | 99      | 93      | 104   |
| HMFX 112 T4 (A6:6) F300 (26º) | Inlet | 71    | 81     | 87     | 96     | 97      | 97      | 98      | 92      | 104   |
| HMFX 112 T4 (A6:6) F300 (28º) | Inlet | 73    | 81     | 87     | 96     | 97      | 98      | 98      | 92      | 104   |
| HMFX 112 T4 (A6:6) F300 (30º) | Inlet | 74    | 82     | 88     | 95     | 97      | 98      | 98      | 92      | 104   |
| HMFX 112 T4 (A6:6) F300 (32º) | Inlet | 75    | 82     | 87     | 94     | 96      | 98      | 98      | 91      | 103   |
| HMFX 112 T4 (A6:6) F300 (34º) | Inlet | 74    | 82     | 87     | 93     | 95      | 97      | 97      | 90      | 102   |
| HMFX 112 T4 (A6:6) F300 (36º) | Inlet | 74    | 81     | 87     | 91     | 94      | 96      | 97      | 89      | 102   |
| HMFX 112 T4 (A6:6) F300 (38º) | Inlet | 75    | 82     | 88     | 91     | 95      | 96      | 97      | 90      | 102   |
| HMFX 112 T4 (A6:6) F300 (40º) | Inlet | 77    | 83     | 90     | 93     | 96      | 98      | 98      | 91      | 103   |

| Sound power Lw dB (A)         |       |       |        |        |        |         |         |         |         |       |
|-------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                         |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFX 112 T4 (A6:6) F300 (42º) | Inlet | 79    | 85     | 92     | 95     | 98      | 99      | 100     | 93      | 105   |
| HMFX 125 T4 (A6:3) F300 (20º) | Inlet | 80    | 87     | 93     | 96     | 99      | 100     | 100     | 94      | 106   |
| HMFX 125 T4 (A6:3) F300 (22º) | Inlet | 70    | 80     | 88     | 94     | 97      | 98      | 99      | 98      | 104   |
| HMFX 125 T4 (A6:3) F300 (24º) | Inlet | 71    | 81     | 89     | 94     | 98      | 98      | 99      | 97      | 105   |
| HMFX 125 T4 (A6:3) F300 (26º) | Inlet | 73    | 81     | 89     | 94     | 98      | 98      | 100     | 97      | 105   |
| HMFX 125 T4 (A6:3) F300 (28º) | Inlet | 74    | 82     | 90     | 95     | 98      | 98      | 100     | 97      | 105   |
| HMFX 125 T4 (A6:3) F300 (30º) | Inlet | 75    | 83     | 91     | 95     | 98      | 98      | 100     | 97      | 105   |
| HMFX 125 T4 (A6:3) F300 (32º) | Inlet | 76    | 83     | 91     | 95     | 98      | 98      | 100     | 97      | 105   |
| HMFX 125 T4 (A6:3) F300 (34º) | Inlet | 76    | 83     | 91     | 95     | 98      | 98      | 100     | 96      | 105   |
| HMFX 125 T4 (A6:3) F300 (36º) | Inlet | 76    | 83     | 91     | 95     | 97      | 97      | 98      | 95      | 104   |
| HMFX 125 T4 (A6:3) F300 (38º) | Inlet | 77    | 83     | 91     | 95     | 97      | 97      | 98      | 94      | 104   |
| HMFX 125 T4 (A6:3) F300 (40º) | Inlet | 78    | 83     | 91     | 95     | 98      | 98      | 98      | 95      | 104   |
| HMFX 125 T4 (A6:3) F300 (42º) | Inlet | 78    | 84     | 91     | 95     | 98      | 99      | 99      | 95      | 105   |
| HMFX 125 T4 (A6:6) F300 (20º) | Inlet | 69    | 75     | 82     | 87     | 89      | 90      | 90      | 86      | 96    |
| HMFX 125 T4 (A6:6) F300 (22º) | Inlet | 72    | 83     | 89     | 96     | 100     | 100     | 100     | 97      | 106   |
| HMFX 125 T4 (A6:6) F300 (24º) | Inlet | 73    | 84     | 90     | 97     | 101     | 101     | 101     | 98      | 107   |
| HMFX 125 T4 (A6:6) F300 (26º) | Inlet | 75    | 85     | 91     | 97     | 101     | 102     | 102     | 98      | 108   |
| HMFX 125 T4 (A6:6) F300 (28º) | Inlet | 77    | 86     | 92     | 98     | 102     | 102     | 103     | 98      | 108   |
| HMFX 125 T4 (A6:6) F300 (30º) | Inlet | 79    | 87     | 93     | 99     | 102     | 103     | 104     | 99      | 109   |
| HMFX 125 T4 (A6:6) F300 (32º) | Inlet | 81    | 88     | 94     | 99     | 103     | 104     | 105     | 100     | 110   |
| HMFX 125 T4 (A6:6) F300 (34º) | Inlet | 79    | 86     | 92     | 97     | 100     | 102     | 102     | 97      | 108   |
| HMFX 125 T4 (A6:6) F300 (36º) | Inlet | 77    | 84     | 90     | 95     | 98      | 99      | 100     | 94      | 105   |
| HMFX 125 T4 (A6:6) F300 (38º) | Inlet | 76    | 83     | 89     | 94     | 97      | 98      | 99      | 93      | 104   |
| HMFX 125 T4 (A6:6) F300 (40º) | Inlet | 77    | 84     | 90     | 94     | 97      | 98      | 99      | 93      | 104   |
| HMFX 125 T4 (A6:6) F300 (42º) | Inlet | 79    | 86     | 92     | 95     | 98      | 99      | 100     | 93      | 105   |

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| Sound power Lw dB (A)          |       |       |        |        |        |         |         |         |         |       |
|--------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                          |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFX 45 T6 (A2:6) F300 (20º)   | Inlet | 38    | 45     | 59     | 58     | 61      | 62      | 63      | 57      | 68    |
| HMFX 45 T6 (A2:6) F300 (25º)   | Inlet | 30    | 40     | 51     | 58     | 62      | 60      | 61      | 57      | 67    |
| HMFX 45 T6 (A2:6) F300 (27,5º) | Inlet | 35    | 43     | 52     | 58     | 61      | 61      | 62      | 57      | 68    |
| HMFX 45 T6 (A2:6) F300 (30º)   | Inlet | 35    | 43     | 51     | 57     | 60      | 61      | 62      | 56      | 67    |
| HMFX 45 T6 (A2:6) F300 (32,5º) | Inlet | 37    | 44     | 50     | 56     | 58      | 60      | 60      | 55      | 65    |
| HMFX 45 T6 (A2:6) F300 (35º)   | Inlet | 37    | 45     | 50     | 55     | 57      | 59      | 60      | 54      | 65    |
| HMFX 45 T6 (A2:6) F300 (37,5º) | Inlet | 37    | 44     | 50     | 54     | 57      | 59      | 60      | 53      | 64    |
| HMFX 45 T6 (A2:6) F300 (40º)   | Inlet | 38    | 45     | 50     | 54     | 57      | 59      | 60      | 53      | 65    |

| Sound power Lw dB (A)          |       |       |        |        |        |         |         |         |         |       |
|--------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                          |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 45 T6 (A2:6) F300 (42,5°) | Inlet | 38    | 45     | 51     | 54     | 57      | 60      | 60      | 53      | 65    |
| HMFx 45 T6 (A2:6) F300 (45°)   | Inlet | 40    | 46     | 53     | 56     | 60      | 62      | 62      | 56      | 67    |
| HMFx 45 T6 (A2:9) F300 (20°)   | Inlet | 53    | 59     | 67     | 70     | 74      | 76      | 76      | 70      | 81    |
| HMFx 45 T6 (A2:9) F300 (25°)   | Inlet | 39    | 46     | 53     | 58     | 62      | 63      | 63      | 55      | 68    |
| HMFx 45 T6 (A2:9) F300 (27,5°) | Inlet | 38    | 45     | 53     | 58     | 62      | 63      | 63      | 56      | 69    |
| HMFx 45 T6 (A2:9) F300 (30°)   | Inlet | 38    | 45     | 53     | 58     | 62      | 62      | 63      | 56      | 68    |
| HMFx 45 T6 (A2:9) F300 (32,5°) | Inlet | 37    | 43     | 53     | 58     | 62      | 62      | 63      | 57      | 68    |
| HMFx 45 T6 (A2:9) F300 (35°)   | Inlet | 37    | 43     | 53     | 58     | 62      | 62      | 63      | 58      | 68    |
| HMFx 45 T6 (A2:9) F300 (37,5°) | Inlet | 36    | 43     | 53     | 58     | 62      | 62      | 64      | 59      | 69    |
| HMFx 45 T6 (A2:9) F300 (40°)   | Inlet | 36    | 43     | 54     | 57     | 61      | 62      | 63      | 57      | 68    |
| HMFx 45 T6 (A2:9) F300 (42,5°) | Inlet | 36    | 43     | 55     | 57     | 60      | 61      | 63      | 56      | 67    |
| HMFx 45 T6 (A2:9) F300 (45°)   | Inlet | 37    | 44     | 58     | 58     | 61      | 62      | 63      | 57      | 68    |
| HMFx 50 T6 (A2:6) F300 (20°)   | Inlet | 41    | 48     | 62     | 61     | 65      | 65      | 66      | 60      | 72    |
| HMFx 50 T6 (A2:6) F300 (25°)   | Inlet | 33    | 43     | 54     | 61     | 66      | 64      | 64      | 60      | 71    |
| HMFx 50 T6 (A2:6) F300 (27,5°) | Inlet | 39    | 47     | 56     | 62     | 65      | 65      | 66      | 61      | 72    |
| HMFx 50 T6 (A2:6) F300 (30°)   | Inlet | 39    | 48     | 56     | 62     | 65      | 65      | 66      | 60      | 71    |
| HMFx 50 T6 (A2:6) F300 (32,5°) | Inlet | 41    | 49     | 55     | 60     | 63      | 64      | 65      | 59      | 70    |
| HMFx 50 T6 (A2:6) F300 (35°)   | Inlet | 42    | 49     | 54     | 59     | 62      | 63      | 65      | 59      | 69    |
| HMFx 50 T6 (A2:6) F300 (37,5°) | Inlet | 42    | 49     | 54     | 59     | 61      | 63      | 64      | 58      | 69    |
| HMFx 50 T6 (A2:6) F300 (40°)   | Inlet | 42    | 49     | 54     | 58     | 61      | 63      | 64      | 57      | 69    |
| HMFx 50 T6 (A2:6) F300 (42,5°) | Inlet | 42    | 49     | 55     | 58     | 61      | 63      | 63      | 57      | 69    |
| HMFx 50 T6 (A2:6) F300 (45°)   | Inlet | 43    | 50     | 57     | 60     | 64      | 66      | 66      | 60      | 71    |
| HMFx 50 T6 (A2:9) F300 (20°)   | Inlet | 57    | 61     | 69     | 72     | 76      | 78      | 77      | 71      | 83    |
| HMFx 50 T6 (A2:9) F300 (25°)   | Inlet | 42    | 50     | 56     | 61     | 65      | 66      | 66      | 58      | 71    |
| HMFx 50 T6 (A2:9) F300 (27,5°) | Inlet | 42    | 49     | 57     | 62     | 66      | 67      | 67      | 60      | 72    |
| HMFx 50 T6 (A2:9) F300 (30°)   | Inlet | 42    | 49     | 57     | 62     | 66      | 66      | 67      | 60      | 72    |
| HMFx 50 T6 (A2:9) F300 (32,5°) | Inlet | 40    | 47     | 57     | 62     | 65      | 65      | 66      | 61      | 72    |
| HMFx 50 T6 (A2:9) F300 (35°)   | Inlet | 40    | 47     | 57     | 61     | 65      | 66      | 67      | 61      | 72    |
| HMFx 50 T6 (A2:9) F300 (37,5°) | Inlet | 40    | 47     | 57     | 61     | 66      | 66      | 67      | 62      | 72    |
| HMFx 50 T6 (A2:9) F300 (40°)   | Inlet | 40    | 47     | 58     | 61     | 65      | 65      | 67      | 61      | 72    |
| HMFx 50 T6 (A2:9) F300 (42,5°) | Inlet | 40    | 47     | 59     | 60     | 64      | 65      | 66      | 60      | 71    |
| HMFx 50 T6 (A2:9) F300 (45°)   | Inlet | 41    | 48     | 61     | 61     | 64      | 65      | 66      | 60      | 71    |
| HMFx 56 T6 (A2:6) F300 (20°)   | Inlet | 44    | 51     | 63     | 64     | 67      | 69      | 69      | 64      | 74    |
| HMFx 56 T6 (A2:6) F300 (25°)   | Inlet | 37    | 45     | 56     | 64     | 66      | 66      | 67      | 63      | 73    |
| HMFx 56 T6 (A2:6) F300 (27,5°) | Inlet | 41    | 49     | 57     | 64     | 66      | 67      | 68      | 63      | 73    |
| HMFx 56 T6 (A2:6) F300 (30°)   | Inlet | 41    | 49     | 57     | 64     | 66      | 67      | 68      | 62      | 73    |
| HMFx 56 T6 (A2:6) F300 (32,5°) | Inlet | 43    | 50     | 57     | 62     | 64      | 66      | 67      | 61      | 72    |
| HMFx 56 T6 (A2:6) F300 (35°)   | Inlet | 44    | 51     | 56     | 62     | 64      | 66      | 67      | 61      | 72    |
| HMFx 56 T6 (A2:6) F300 (37,5°) | Inlet | 43    | 50     | 56     | 62     | 64      | 66      | 67      | 61      | 72    |

| Sound power Lw dB (A)          |       |       |        |        |        |         |         |         |         |       |
|--------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                          |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 56 T6 (A2:6) F300 (40º)   | Inlet | 44    | 51     | 57     | 62     | 64      | 66      | 67      | 61      | 72    |
| HMFx 56 T6 (A2:6) F300 (42,5º) | Inlet | 45    | 52     | 58     | 62     | 65      | 67      | 67      | 61      | 72    |
| HMFx 56 T6 (A2:6) F300 (45º)   | Inlet | 46    | 51     | 59     | 63     | 66      | 68      | 68      | 61      | 73    |
| HMFx 56 T6 (A2:9) F300 (20º)   | Inlet | 59    | 63     | 71     | 75     | 78      | 79      | 79      | 73      | 85    |
| HMFx 56 T6 (A2:9) F300 (25º)   | Inlet | 45    | 50     | 58     | 64     | 67      | 68      | 68      | 60      | 73    |
| HMFx 56 T6 (A2:9) F300 (27,5º) | Inlet | 44    | 50     | 58     | 64     | 67      | 68      | 68      | 62      | 74    |
| HMFx 56 T6 (A2:9) F300 (30º)   | Inlet | 44    | 50     | 59     | 64     | 67      | 68      | 69      | 62      | 74    |
| HMFx 56 T6 (A2:9) F300 (32,5º) | Inlet | 45    | 50     | 59     | 64     | 68      | 68      | 69      | 64      | 74    |
| HMFx 56 T6 (A2:9) F300 (35º)   | Inlet | 44    | 50     | 59     | 64     | 68      | 68      | 70      | 64      | 74    |
| HMFx 56 T6 (A2:9) F300 (37,5º) | Inlet | 43    | 50     | 59     | 64     | 68      | 68      | 70      | 64      | 75    |
| HMFx 56 T6 (A2:9) F300 (40º)   | Inlet | 44    | 50     | 60     | 64     | 67      | 68      | 69      | 64      | 74    |
| HMFx 56 T6 (A2:9) F300 (42,5º) | Inlet | 44    | 51     | 60     | 64     | 67      | 68      | 69      | 63      | 74    |
| HMFx 56 T6 (A2:9) F300 (45º)   | Inlet | 44    | 51     | 62     | 64     | 67      | 68      | 69      | 63      | 74    |
| HMFx 63 T6 (A2:6) F300 (20º)   | Inlet | 48    | 55     | 61     | 67     | 70      | 71      | 72      | 66      | 77    |
| HMFx 63 T6 (A2:6) F300 (25º)   | Inlet | 40    | 43     | 56     | 65     | 65      | 65      | 67      | 61      | 72    |
| HMFx 63 T6 (A2:6) F300 (27,5º) | Inlet | 44    | 49     | 59     | 66     | 68      | 69      | 69      | 64      | 75    |
| HMFx 63 T6 (A2:6) F300 (30º)   | Inlet | 44    | 50     | 58     | 66     | 67      | 69      | 69      | 64      | 75    |
| HMFx 63 T6 (A2:6) F300 (32,5º) | Inlet | 44    | 51     | 58     | 65     | 67      | 69      | 69      | 64      | 74    |
| HMFx 63 T6 (A2:6) F300 (35º)   | Inlet | 44    | 52     | 57     | 64     | 66      | 68      | 69      | 63      | 74    |
| HMFx 63 T6 (A2:6) F300 (37,5º) | Inlet | 44    | 51     | 57     | 63     | 66      | 68      | 68      | 63      | 73    |
| HMFx 63 T6 (A2:6) F300 (40º)   | Inlet | 45    | 52     | 58     | 64     | 66      | 69      | 69      | 63      | 74    |
| HMFx 63 T6 (A2:6) F300 (42,5º) | Inlet | 47    | 53     | 59     | 64     | 67      | 69      | 69      | 63      | 74    |
| HMFx 63 T6 (A2:6) F300 (45º)   | Inlet | 48    | 53     | 61     | 65     | 68      | 70      | 69      | 63      | 75    |
| HMFx 63 T6 (A2:9) F300 (20º)   | Inlet | 62    | 66     | 75     | 78     | 81      | 82      | 81      | 75      | 87    |
| HMFx 63 T6 (A2:9) F300 (25º)   | Inlet | 48    | 51     | 62     | 68     | 70      | 69      | 70      | 65      | 76    |
| HMFx 63 T6 (A2:9) F300 (27,5º) | Inlet | 48    | 52     | 61     | 67     | 69      | 70      | 71      | 65      | 76    |
| HMFx 63 T6 (A2:9) F300 (30º)   | Inlet | 48    | 52     | 61     | 67     | 69      | 70      | 71      | 66      | 76    |
| HMFx 63 T6 (A2:9) F300 (32,5º) | Inlet | 49    | 54     | 61     | 67     | 70      | 71      | 72      | 67      | 77    |
| HMFx 63 T6 (A2:9) F300 (35º)   | Inlet | 48    | 54     | 62     | 68     | 70      | 71      | 72      | 67      | 77    |
| HMFx 63 T6 (A2:9) F300 (37,5º) | Inlet | 48    | 54     | 62     | 68     | 70      | 72      | 72      | 67      | 77    |
| HMFx 63 T6 (A2:9) F300 (40º)   | Inlet | 48    | 54     | 61     | 67     | 70      | 71      | 72      | 67      | 77    |
| HMFx 63 T6 (A2:9) F300 (42,5º) | Inlet | 48    | 54     | 61     | 67     | 70      | 71      | 72      | 67      | 77    |
| HMFx 63 T6 (A2:9) F300 (45º)   | Inlet | 48    | 55     | 61     | 67     | 70      | 71      | 72      | 66      | 77    |
| HMFx 71 T6 (A2:6) F300 (20º)   | Inlet | 51    | 59     | 64     | 69     | 72      | 74      | 74      | 67      | 79    |
| HMFx 71 T6 (A2:6) F300 (25º)   | Inlet | 46    | 51     | 63     | 70     | 74      | 73      | 75      | 68      | 80    |
| HMFx 71 T6 (A2:6) F300 (27,5º) | Inlet | 48    | 54     | 63     | 70     | 72      | 73      | 74      | 69      | 79    |
| HMFx 71 T6 (A2:6) F300 (30º)   | Inlet | 48    | 54     | 62     | 69     | 72      | 73      | 74      | 68      | 79    |
| HMFx 71 T6 (A2:6) F300 (32,5º) | Inlet | 49    | 55     | 62     | 69     | 70      | 72      | 73      | 68      | 78    |
| HMFx 71 T6 (A2:6) F300 (35º)   | Inlet | 48    | 55     | 61     | 67     | 69      | 72      | 72      | 66      | 77    |

| Sound power Lw dB (A)          |       |       |        |        |        |         |         |         |         |       |
|--------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                          |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 71 T6 (A2:6) F300 (37,5°) | Inlet | 48    | 55     | 60     | 66     | 68      | 71      | 71      | 65      | 76    |
| HMFx 71 T6 (A2:6) F300 (40°)   | Inlet | 49    | 56     | 62     | 67     | 70      | 72      | 71      | 65      | 77    |
| HMFx 71 T6 (A2:6) F300 (42,5°) | Inlet | 50    | 57     | 63     | 68     | 71      | 72      | 72      | 66      | 77    |
| HMFx 71 T6 (A2:6) F300 (45°)   | Inlet | 52    | 57     | 64     | 68     | 71      | 72      | 72      | 65      | 78    |
| HMFx 71 T6 (A2:9) F300 (20°)   | Inlet | 63    | 70     | 77     | 80     | 83      | 83      | 83      | 76      | 89    |
| HMFx 71 T6 (A2:9) F300 (25°)   | Inlet | 51    | 57     | 67     | 74     | 76      | 76      | 77      | 70      | 82    |
| HMFx 71 T6 (A2:9) F300 (27,5°) | Inlet | 51    | 57     | 65     | 72     | 74      | 75      | 76      | 70      | 81    |
| HMFx 71 T6 (A2:9) F300 (30°)   | Inlet | 51    | 57     | 65     | 71     | 74      | 75      | 76      | 70      | 81    |
| HMFx 71 T6 (A2:9) F300 (32,5°) | Inlet | 51    | 58     | 64     | 70     | 73      | 74      | 75      | 69      | 80    |
| HMFx 71 T6 (A2:9) F300 (35°)   | Inlet | 51    | 58     | 64     | 70     | 73      | 74      | 75      | 69      | 80    |
| HMFx 71 T6 (A2:9) F300 (37,5°) | Inlet | 51    | 58     | 63     | 70     | 73      | 75      | 74      | 69      | 80    |
| HMFx 71 T6 (A2:9) F300 (40°)   | Inlet | 52    | 59     | 64     | 70     | 73      | 75      | 75      | 69      | 80    |
| HMFx 71 T6 (A2:9) F300 (42,5°) | Inlet | 52    | 59     | 65     | 70     | 74      | 75      | 75      | 69      | 80    |
| HMFx 71 T6 (A2:9) F300 (45°)   | Inlet | 51    | 59     | 64     | 69     | 73      | 74      | 74      | 68      | 79    |
| HMFx 80 T6 (A2:6) F300 (20°)   | Inlet | 55    | 62     | 69     | 72     | 75      | 76      | 75      | 69      | 81    |
| HMFx 80 T6 (A2:6) F300 (25°)   | Inlet | 45    | 52     | 63     | 70     | 74      | 74      | 76      | 70      | 80    |
| HMFx 80 T6 (A2:6) F300 (27,5°) | Inlet | 49    | 56     | 63     | 70     | 74      | 75      | 76      | 70      | 81    |
| HMFx 80 T6 (A2:6) F300 (30°)   | Inlet | 49    | 56     | 63     | 70     | 74      | 75      | 76      | 70      | 81    |
| HMFx 80 T6 (A2:6) F300 (32,5°) | Inlet | 51    | 58     | 63     | 70     | 73      | 75      | 75      | 69      | 80    |
| HMFx 80 T6 (A2:6) F300 (35°)   | Inlet | 52    | 59     | 64     | 70     | 73      | 75      | 75      | 69      | 80    |
| HMFx 80 T6 (A2:6) F300 (37,5°) | Inlet | 53    | 60     | 65     | 69     | 73      | 75      | 75      | 68      | 80    |
| HMFx 80 T6 (A2:6) F300 (40°)   | Inlet | 53    | 60     | 66     | 69     | 72      | 74      | 74      | 67      | 79    |
| HMFx 80 T6 (A2:6) F300 (42,5°) | Inlet | 53    | 60     | 66     | 69     | 72      | 74      | 73      | 67      | 79    |
| HMFx 80 T6 (A2:6) F300 (45°)   | Inlet | 53    | 60     | 67     | 70     | 73      | 74      | 74      | 67      | 79    |
| HMFx 80 T6 (A2:9) F300 (20°)   | Inlet | 67    | 76     | 83     | 91     | 92      | 93      | 93      | 87      | 99    |
| HMFx 80 T6 (A2:9) F300 (25°)   | Inlet | 51    | 63     | 69     | 80     | 82      | 81      | 83      | 75      | 88    |
| HMFx 80 T6 (A2:9) F300 (27,5°) | Inlet | 53    | 62     | 68     | 77     | 80      | 80      | 81      | 74      | 86    |
| HMFx 80 T6 (A2:9) F300 (30°)   | Inlet | 54    | 62     | 68     | 77     | 79      | 80      | 80      | 74      | 86    |
| HMFx 80 T6 (A2:9) F300 (32,5°) | Inlet | 54    | 62     | 67     | 75     | 78      | 79      | 79      | 73      | 85    |
| HMFx 80 T6 (A2:9) F300 (35°)   | Inlet | 54    | 61     | 67     | 74     | 77      | 79      | 78      | 72      | 84    |
| HMFx 80 T6 (A2:9) F300 (37,5°) | Inlet | 54    | 61     | 66     | 72     | 77      | 78      | 78      | 71      | 83    |
| HMFx 80 T6 (A2:9) F300 (40°)   | Inlet | 54    | 61     | 67     | 72     | 76      | 78      | 77      | 71      | 83    |
| HMFx 80 T6 (A2:9) F300 (42,5°) | Inlet | 55    | 62     | 68     | 72     | 76      | 78      | 77      | 71      | 82    |
| HMFx 80 T6 (A2:9) F300 (45°)   | Inlet | 55    | 63     | 68     | 72     | 75      | 77      | 76      | 70      | 82    |
| HMFx 90 T6 (A6:3) F300 (20°)   | Inlet | 59    | 68     | 74     | 79     | 81      | 82      | 83      | 77      | 88    |
| HMFx 90 T6 (A6:3) F300 (22°)   | Inlet | 51    | 54     | 63     | 65     | 70      | 72      | 74      | 69      | 78    |
| HMFx 90 T6 (A6:3) F300 (24°)   | Inlet | 52    | 56     | 65     | 68     | 72      | 73      | 76      | 70      | 80    |
| HMFx 90 T6 (A6:3) F300 (26°)   | Inlet | 54    | 58     | 66     | 70     | 73      | 75      | 77      | 71      | 81    |
| HMFx 90 T6 (A6:3) F300 (28°)   | Inlet | 55    | 59     | 67     | 72     | 74      | 76      | 78      | 72      | 82    |

| Sound power Lw dB (A)         |       |       |        |        |        |         |         |         |         |       |
|-------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                         |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 90 T6 (A6:3) F300 (30º)  | Inlet | 56    | 61     | 69     | 74     | 76      | 77      | 79      | 73      | 83    |
| HMFx 90 T6 (A6:3) F300 (32º)  | Inlet | 57    | 62     | 70     | 76     | 77      | 78      | 80      | 74      | 85    |
| HMFx 90 T6 (A6:3) F300 (34º)  | Inlet | 57    | 63     | 70     | 77     | 78      | 79      | 80      | 74      | 85    |
| HMFx 90 T6 (A6:3) F300 (36º)  | Inlet | 57    | 63     | 70     | 78     | 78      | 80      | 80      | 74      | 86    |
| HMFx 90 T6 (A6:3) F300 (38º)  | Inlet | 57    | 64     | 71     | 79     | 79      | 80      | 81      | 75      | 86    |
| HMFx 90 T6 (A6:3) F300 (40º)  | Inlet | 57    | 65     | 72     | 80     | 80      | 82      | 82      | 76      | 87    |
| HMFx 90 T6 (A6:3) F300 (42º)  | Inlet | 57    | 65     | 73     | 81     | 81      | 83      | 83      | 77      | 88    |
| HMFx 90 T6 (A6:6) F300 (20º)  | Inlet | 70    | 78     | 84     | 91     | 93      | 94      | 93      | 88      | 99    |
| HMFx 90 T6 (A6:6) F300 (22º)  | Inlet | 56    | 66     | 72     | 79     | 84      | 82      | 82      | 77      | 88    |
| HMFx 90 T6 (A6:6) F300 (24º)  | Inlet | 57    | 66     | 73     | 80     | 84      | 82      | 83      | 77      | 89    |
| HMFx 90 T6 (A6:6) F300 (26º)  | Inlet | 58    | 67     | 73     | 80     | 84      | 83      | 83      | 78      | 89    |
| HMFx 90 T6 (A6:6) F300 (28º)  | Inlet | 58    | 68     | 74     | 81     | 83      | 83      | 84      | 79      | 89    |
| HMFx 90 T6 (A6:6) F300 (30º)  | Inlet | 59    | 68     | 74     | 81     | 83      | 83      | 84      | 79      | 90    |
| HMFx 90 T6 (A6:6) F300 (32º)  | Inlet | 60    | 69     | 74     | 81     | 83      | 83      | 84      | 79      | 90    |
| HMFx 90 T6 (A6:6) F300 (34º)  | Inlet | 58    | 67     | 73     | 80     | 81      | 82      | 83      | 78      | 88    |
| HMFx 90 T6 (A6:6) F300 (36º)  | Inlet | 57    | 66     | 71     | 78     | 79      | 81      | 82      | 76      | 87    |
| HMFx 90 T6 (A6:6) F300 (38º)  | Inlet | 57    | 66     | 71     | 77     | 79      | 80      | 81      | 76      | 86    |
| HMFx 90 T6 (A6:6) F300 (40º)  | Inlet | 58    | 67     | 72     | 78     | 79      | 81      | 82      | 76      | 87    |
| HMFx 90 T6 (A6:6) F300 (42º)  | Inlet | 59    | 67     | 73     | 79     | 80      | 81      | 82      | 76      | 87    |
| HMFx 100 T6 (A6:3) F300 (20º) | Inlet | 63    | 71     | 78     | 82     | 84      | 85      | 86      | 80      | 91    |
| HMFx 100 T6 (A6:3) F300 (22º) | Inlet | 55    | 62     | 68     | 72     | 78      | 79      | 83      | 75      | 86    |
| HMFx 100 T6 (A6:3) F300 (24º) | Inlet | 56    | 63     | 69     | 73     | 78      | 80      | 83      | 76      | 86    |
| HMFx 100 T6 (A6:3) F300 (26º) | Inlet | 57    | 63     | 69     | 74     | 78      | 80      | 83      | 76      | 86    |
| HMFx 100 T6 (A6:3) F300 (28º) | Inlet | 56    | 63     | 69     | 74     | 78      | 79      | 82      | 75      | 86    |
| HMFx 100 T6 (A6:3) F300 (30º) | Inlet | 56    | 63     | 69     | 74     | 77      | 79      | 81      | 74      | 85    |
| HMFx 100 T6 (A6:3) F300 (32º) | Inlet | 57    | 63     | 69     | 75     | 77      | 79      | 80      | 74      | 85    |
| HMFx 100 T6 (A6:3) F300 (34º) | Inlet | 59    | 64     | 71     | 76     | 79      | 80      | 81      | 75      | 86    |
| HMFx 100 T6 (A6:3) F300 (36º) | Inlet | 60    | 66     | 73     | 78     | 80      | 81      | 81      | 76      | 87    |
| HMFx 100 T6 (A6:3) F300 (38º) | Inlet | 60    | 67     | 74     | 79     | 81      | 82      | 82      | 77      | 88    |
| HMFx 100 T6 (A6:3) F300 (40º) | Inlet | 60    | 67     | 74     | 80     | 82      | 83      | 83      | 77      | 88    |
| HMFx 100 T6 (A6:3) F300 (42º) | Inlet | 60    | 68     | 74     | 81     | 82      | 83      | 83      | 78      | 89    |
| HMFx 100 T6 (A6:6) F300 (20º) | Inlet | 73    | 80     | 86     | 92     | 94      | 95      | 95      | 91      | 101   |
| HMFx 100 T6 (A6:6) F300 (22º) | Inlet | 60    | 71     | 76     | 86     | 87      | 87      | 86      | 82      | 93    |
| HMFx 100 T6 (A6:6) F300 (24º) | Inlet | 60    | 71     | 77     | 86     | 87      | 86      | 86      | 82      | 93    |
| HMFx 100 T6 (A6:6) F300 (26º) | Inlet | 61    | 71     | 77     | 85     | 86      | 86      | 87      | 82      | 93    |
| HMFx 100 T6 (A6:6) F300 (28º) | Inlet | 63    | 72     | 78     | 86     | 87      | 87      | 87      | 83      | 93    |
| HMFx 100 T6 (A6:6) F300 (30º) | Inlet | 64    | 73     | 79     | 86     | 87      | 87      | 88      | 84      | 94    |
| HMFx 100 T6 (A6:6) F300 (32º) | Inlet | 65    | 73     | 80     | 86     | 87      | 87      | 88      | 84      | 94    |
| HMFx 100 T6 (A6:6) F300 (34º) | Inlet | 64    | 72     | 79     | 83     | 85      | 86      | 87      | 82      | 92    |

| Sound power Lw dB (A)         |       |       |        |        |        |         |         |         |         |       |
|-------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                         |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 100 T6 (A6:6) F300 (36º) | Inlet | 63    | 71     | 77     | 81     | 84      | 84      | 86      | 81      | 91    |
| HMFx 100 T6 (A6:6) F300 (38º) | Inlet | 62    | 71     | 77     | 80     | 83      | 84      | 85      | 80      | 90    |
| HMFx 100 T6 (A6:6) F300 (40º) | Inlet | 63    | 71     | 77     | 81     | 84      | 84      | 85      | 80      | 91    |
| HMFx 100 T6 (A6:6) F300 (42º) | Inlet | 63    | 72     | 78     | 82     | 84      | 85      | 86      | 80      | 91    |
| HMFx 112 T6 (A6:3) F300 (20º) | Inlet | 69    | 75     | 82     | 85     | 88      | 89      | 90      | 83      | 95    |
| HMFx 112 T6 (A6:3) F300 (22º) | Inlet | 58    | 65     | 71     | 77     | 82      | 84      | 86      | 80      | 90    |
| HMFx 112 T6 (A6:3) F300 (24º) | Inlet | 59    | 66     | 72     | 78     | 83      | 84      | 86      | 80      | 90    |
| HMFx 112 T6 (A6:3) F300 (26º) | Inlet | 60    | 67     | 73     | 79     | 83      | 84      | 86      | 81      | 91    |
| HMFx 112 T6 (A6:3) F300 (28º) | Inlet | 61    | 68     | 74     | 80     | 83      | 84      | 87      | 81      | 91    |
| HMFx 112 T6 (A6:3) F300 (30º) | Inlet | 62    | 68     | 74     | 80     | 83      | 84      | 86      | 81      | 91    |
| HMFx 112 T6 (A6:3) F300 (32º) | Inlet | 62    | 67     | 74     | 80     | 82      | 83      | 86      | 80      | 90    |
| HMFx 112 T6 (A6:3) F300 (34º) | Inlet | 63    | 68     | 75     | 80     | 83      | 84      | 85      | 80      | 90    |
| HMFx 112 T6 (A6:3) F300 (36º) | Inlet | 63    | 68     | 76     | 81     | 83      | 84      | 85      | 81      | 90    |
| HMFx 112 T6 (A6:3) F300 (38º) | Inlet | 64    | 69     | 76     | 81     | 83      | 84      | 85      | 81      | 91    |
| HMFx 112 T6 (A6:3) F300 (40º) | Inlet | 64    | 69     | 76     | 82     | 84      | 85      | 86      | 81      | 91    |
| HMFx 112 T6 (A6:3) F300 (42º) | Inlet | 63    | 70     | 76     | 82     | 84      | 85      | 85      | 81      | 91    |
| HMFx 112 T6 (A6:6) F300 (20º) | Inlet | 78    | 84     | 91     | 96     | 99      | 100     | 99      | 95      | 105   |
| HMFx 112 T6 (A6:6) F300 (22º) | Inlet | 60    | 71     | 78     | 89     | 90      | 88      | 89      | 84      | 96    |
| HMFx 112 T6 (A6:6) F300 (24º) | Inlet | 61    | 72     | 78     | 88     | 89      | 88      | 89      | 84      | 95    |
| HMFx 112 T6 (A6:6) F300 (26º) | Inlet | 62    | 71     | 77     | 87     | 88      | 88      | 88      | 83      | 94    |
| HMFx 112 T6 (A6:6) F300 (28º) | Inlet | 63    | 72     | 78     | 86     | 88      | 88      | 89      | 82      | 94    |
| HMFx 112 T6 (A6:6) F300 (30º) | Inlet | 65    | 72     | 78     | 86     | 88      | 88      | 89      | 82      | 94    |
| HMFx 112 T6 (A6:6) F300 (32º) | Inlet | 65    | 72     | 78     | 85     | 87      | 88      | 89      | 82      | 94    |
| HMFx 112 T6 (A6:6) F300 (34º) | Inlet | 65    | 72     | 78     | 83     | 86      | 87      | 88      | 81      | 93    |
| HMFx 112 T6 (A6:6) F300 (36º) | Inlet | 65    | 72     | 78     | 82     | 85      | 87      | 87      | 80      | 92    |
| HMFx 112 T6 (A6:6) F300 (38º) | Inlet | 66    | 73     | 79     | 82     | 85      | 87      | 88      | 80      | 92    |
| HMFx 112 T6 (A6:6) F300 (40º) | Inlet | 68    | 74     | 81     | 84     | 87      | 88      | 89      | 82      | 94    |
| HMFx 112 T6 (A6:6) F300 (42º) | Inlet | 70    | 76     | 82     | 85     | 89      | 90      | 90      | 83      | 95    |
| HMFx 125 T6 (A6:3) F300 (20º) | Inlet | 71    | 78     | 83     | 87     | 90      | 90      | 91      | 84      | 96    |
| HMFx 125 T6 (A6:3) F300 (22º) | Inlet | 60    | 70     | 79     | 84     | 88      | 88      | 90      | 88      | 95    |
| HMFx 125 T6 (A6:3) F300 (24º) | Inlet | 62    | 71     | 79     | 85     | 88      | 88      | 90      | 88      | 95    |
| HMFx 125 T6 (A6:3) F300 (26º) | Inlet | 63    | 72     | 80     | 85     | 88      | 89      | 90      | 88      | 96    |
| HMFx 125 T6 (A6:3) F300 (28º) | Inlet | 64    | 73     | 81     | 85     | 89      | 89      | 90      | 88      | 96    |
| HMFx 125 T6 (A6:3) F300 (30º) | Inlet | 66    | 73     | 81     | 86     | 89      | 89      | 91      | 88      | 96    |
| HMFx 125 T6 (A6:3) F300 (32º) | Inlet | 67    | 74     | 82     | 86     | 89      | 89      | 91      | 87      | 96    |
| HMFx 125 T6 (A6:3) F300 (34º) | Inlet | 67    | 74     | 82     | 86     | 89      | 89      | 90      | 87      | 95    |
| HMFx 125 T6 (A6:3) F300 (36º) | Inlet | 67    | 74     | 81     | 85     | 88      | 88      | 89      | 86      | 95    |
| HMFx 125 T6 (A6:3) F300 (38º) | Inlet | 68    | 74     | 81     | 85     | 88      | 88      | 89      | 85      | 94    |
| HMFx 125 T6 (A6:3) F300 (40º) | Inlet | 69    | 74     | 81     | 86     | 88      | 89      | 89      | 85      | 95    |

| Sound power Lw dB (A)         |       |       |        |        |        |         |         |         |         |       |
|-------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                         |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 125 T6 (A6:3) F300 (42º) | Inlet | 69    | 75     | 81     | 86     | 89      | 89      | 89      | 85      | 95    |
| HMFx 125 T6 (A6:6) F300 (20º) | Inlet | 50    | 56     | 63     | 67     | 71      | 72      | 73      | 66      | 78    |
| HMFx 125 T6 (A6:6) F300 (22º) | Inlet | 62    | 74     | 79     | 87     | 91      | 91      | 91      | 87      | 97    |
| HMFx 125 T6 (A6:6) F300 (24º) | Inlet | 64    | 75     | 81     | 88     | 92      | 92      | 92      | 88      | 98    |
| HMFx 125 T6 (A6:6) F300 (26º) | Inlet | 66    | 76     | 81     | 88     | 92      | 92      | 93      | 89      | 98    |
| HMFx 125 T6 (A6:6) F300 (28º) | Inlet | 68    | 77     | 82     | 89     | 93      | 93      | 94      | 89      | 99    |
| HMFx 125 T6 (A6:6) F300 (30º) | Inlet | 70    | 78     | 83     | 89     | 93      | 93      | 95      | 90      | 100   |
| HMFx 125 T6 (A6:6) F300 (32º) | Inlet | 72    | 79     | 84     | 90     | 94      | 94      | 96      | 91      | 101   |
| HMFx 125 T6 (A6:6) F300 (34º) | Inlet | 70    | 77     | 82     | 88     | 91      | 92      | 94      | 88      | 98    |
| HMFx 125 T6 (A6:6) F300 (36º) | Inlet | 68    | 75     | 80     | 85     | 89      | 89      | 91      | 85      | 96    |
| HMFx 125 T6 (A6:6) F300 (38º) | Inlet | 67    | 74     | 80     | 84     | 87      | 88      | 90      | 83      | 94    |
| HMFx 125 T6 (A6:6) F300 (40º) | Inlet | 68    | 75     | 81     | 85     | 88      | 89      | 90      | 83      | 95    |
| HMFx 125 T6 (A6:6) F300 (42º) | Inlet | 69    | 77     | 82     | 86     | 89      | 90      | 90      | 84      | 96    |

## Sound / 4/6 poles

| Sound power Lw dB (A)                  |       |       |        |        |        |         |         |         |         |       |
|----------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                  |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 50 T4/T6 (A2:6) F300 (6p - 20º)   | Inlet | 41    | 48     | 62     | 61     | 65      | 65      | 66      | 60      | 72    |
| HMFx 50 T4/T6 (A2:6) F300 (6p - 25º)   | Inlet | 33    | 43     | 54     | 62     | 66      | 64      | 65      | 60      | 71    |
| HMFx 50 T4/T6 (A2:6) F300 (6p - 27,5º) | Inlet | 39    | 47     | 56     | 62     | 66      | 65      | 66      | 61      | 72    |
| HMFx 50 T4/T6 (A2:6) F300 (6p - 30º)   | Inlet | 40    | 48     | 56     | 62     | 65      | 65      | 66      | 61      | 71    |
| HMFx 50 T4/T6 (A2:6) F300 (6p - 32,5º) | Inlet | 42    | 49     | 55     | 60     | 63      | 64      | 65      | 60      | 70    |
| HMFx 50 T4/T6 (A2:6) F300 (6p - 35º)   | Inlet | 42    | 49     | 55     | 60     | 62      | 64      | 65      | 59      | 69    |
| HMFx 50 T4/T6 (A2:6) F300 (6p - 37,5º) | Inlet | 42    | 49     | 54     | 59     | 61      | 63      | 64      | 58      | 69    |
| HMFx 50 T4/T6 (A2:6) F300 (6p - 40º)   | Inlet | 42    | 49     | 55     | 59     | 61      | 63      | 64      | 58      | 69    |
| HMFx 50 T4/T6 (A2:6) F300 (6p - 42,5º) | Inlet | 42    | 49     | 55     | 58     | 62      | 64      | 64      | 57      | 69    |
| HMFx 50 T4/T6 (A2:6) F300 (6p - 45º)   | Inlet | 44    | 50     | 57     | 60     | 64      | 66      | 66      | 60      | 71    |
| HMFx 50 T4/T6 (A2:6) F300 (4p - 20º)   | Inlet | 51    | 57     | 71     | 71     | 74      | 75      | 76      | 70      | 81    |

| Sound power Lw dB (A)                  |       |       |        |        |        |         |         |         |         |       |
|----------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                  |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFX 50 T4/T6 (A2:6) F300 (4p - 25°)   | Inlet | 42    | 53     | 64     | 71     | 75      | 73      | 74      | 69      | 80    |
| HMFX 50 T4/T6 (A2:6) F300 (4p - 27,5°) | Inlet | 48    | 57     | 65     | 72     | 75      | 75      | 76      | 70      | 81    |
| HMFX 50 T4/T6 (A2:6) F300 (4p - 30°)   | Inlet | 49    | 57     | 65     | 71     | 74      | 74      | 75      | 70      | 80    |
| HMFX 50 T4/T6 (A2:6) F300 (4p - 32,5°) | Inlet | 51    | 58     | 64     | 70     | 72      | 74      | 74      | 69      | 79    |
| HMFX 50 T4/T6 (A2:6) F300 (4p - 35°)   | Inlet | 51    | 58     | 64     | 69     | 71      | 73      | 74      | 68      | 79    |
| HMFX 50 T4/T6 (A2:6) F300 (4p - 37,5°) | Inlet | 51    | 58     | 64     | 68     | 71      | 72      | 73      | 67      | 78    |
| HMFX 50 T4/T6 (A2:6) F300 (4p - 40°)   | Inlet | 51    | 58     | 64     | 68     | 71      | 73      | 73      | 67      | 78    |
| HMFX 50 T4/T6 (A2:6) F300 (4p - 42,5°) | Inlet | 52    | 59     | 64     | 68     | 71      | 73      | 73      | 67      | 78    |
| HMFX 50 T4/T6 (A2:6) F300 (4p - 45°)   | Inlet | 53    | 59     | 66     | 69     | 73      | 75      | 75      | 69      | 80    |
| HMFX 50 T4/T6 (A2:9) F300 (6p - 20°)   | Inlet | 47    | 51     | 60     | 63     | 66      | 68      | 68      | 62      | 73    |
| HMFX 50 T4/T6 (A2:9) F300 (6p - 25°)   | Inlet | 42    | 50     | 56     | 61     | 66      | 66      | 66      | 58      | 71    |
| HMFX 50 T4/T6 (A2:9) F300 (6p - 27,5°) | Inlet | 42    | 49     | 57     | 62     | 66      | 67      | 67      | 60      | 72    |
| HMFX 50 T4/T6 (A2:9) F300 (6p - 30°)   | Inlet | 42    | 49     | 57     | 62     | 66      | 66      | 67      | 60      | 72    |
| HMFX 50 T4/T6 (A2:9) F300 (6p - 32,5°) | Inlet | 41    | 47     | 57     | 62     | 66      | 66      | 67      | 61      | 72    |
| HMFX 50 T4/T6 (A2:9) F300 (6p - 35°)   | Inlet | 40    | 47     | 57     | 62     | 66      | 66      | 67      | 62      | 72    |
| HMFX 50 T4/T6 (A2:9) F300 (6p - 37,5°) | Inlet | 40    | 47     | 57     | 62     | 66      | 66      | 68      | 62      | 72    |
| HMFX 50 T4/T6 (A2:9) F300 (6p - 40°)   | Inlet | 40    | 47     | 58     | 61     | 65      | 65      | 67      | 61      | 72    |
| HMFX 50 T4/T6 (A2:9) F300 (6p - 42,5°) | Inlet | 40    | 47     | 59     | 61     | 64      | 65      | 67      | 60      | 71    |
| HMFX 50 T4/T6 (A2:9) F300 (6p - 45°)   | Inlet | 41    | 48     | 61     | 61     | 65      | 65      | 66      | 60      | 72    |
| HMFX 50 T4/T6 (A2:9) F300 (4p - 20°)   | Inlet | 57    | 61     | 69     | 72     | 76      | 78      | 77      | 71      | 83    |
| HMFX 50 T4/T6 (A2:9) F300 (4p - 25°)   | Inlet | 52    | 59     | 66     | 70     | 75      | 75      | 75      | 67      | 81    |
| HMFX 50 T4/T6 (A2:9) F300 (4p - 27,5°) | Inlet | 51    | 59     | 67     | 71     | 76      | 76      | 76      | 69      | 82    |

| Sound power Lw dB (A)                  |       |       |        |        |        |         |         |         |         |       |
|----------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                  |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 50 T4/T6 (A2:9) F300 (4p - 30°)   | Inlet | 51    | 58     | 67     | 71     | 75      | 76      | 76      | 70      | 81    |
| HMFx 50 T4/T6 (A2:9) F300 (4p - 32,5°) | Inlet | 50    | 57     | 66     | 71     | 75      | 75      | 76      | 70      | 81    |
| HMFx 50 T4/T6 (A2:9) F300 (4p - 35°)   | Inlet | 50    | 56     | 66     | 71     | 75      | 75      | 76      | 71      | 81    |
| HMFx 50 T4/T6 (A2:9) F300 (4p - 37,5°) | Inlet | 49    | 56     | 66     | 71     | 75      | 75      | 77      | 71      | 82    |
| HMFx 50 T4/T6 (A2:9) F300 (4p - 40°)   | Inlet | 49    | 56     | 67     | 70     | 74      | 75      | 76      | 70      | 81    |
| HMFx 50 T4/T6 (A2:9) F300 (4p - 42,5°) | Inlet | 49    | 56     | 68     | 70     | 73      | 74      | 76      | 70      | 81    |
| HMFx 50 T4/T6 (A2:9) F300 (4p - 45°)   | Inlet | 50    | 57     | 70     | 70     | 74      | 75      | 76      | 70      | 81    |
| HMFx 56 T4/T6 (A2:6) F300 (6p - 20°)   | Inlet | 45    | 51     | 63     | 64     | 67      | 69      | 69      | 64      | 75    |
| HMFx 56 T4/T6 (A2:6) F300 (6p - 25°)   | Inlet | 37    | 46     | 56     | 65     | 67      | 67      | 68      | 63      | 73    |
| HMFx 56 T4/T6 (A2:6) F300 (6p - 27,5°) | Inlet | 41    | 49     | 57     | 64     | 67      | 67      | 68      | 63      | 73    |
| HMFx 56 T4/T6 (A2:6) F300 (6p - 30°)   | Inlet | 42    | 49     | 57     | 64     | 66      | 67      | 68      | 63      | 73    |
| HMFx 56 T4/T6 (A2:6) F300 (6p - 32,5°) | Inlet | 43    | 50     | 57     | 62     | 65      | 66      | 67      | 61      | 72    |
| HMFx 56 T4/T6 (A2:6) F300 (6p - 35°)   | Inlet | 44    | 51     | 56     | 62     | 64      | 66      | 67      | 61      | 72    |
| HMFx 56 T4/T6 (A2:6) F300 (6p - 37,5°) | Inlet | 44    | 51     | 56     | 62     | 64      | 66      | 67      | 61      | 72    |
| HMFx 56 T4/T6 (A2:6) F300 (6p - 40°)   | Inlet | 44    | 51     | 57     | 62     | 64      | 67      | 67      | 61      | 72    |
| HMFx 56 T4/T6 (A2:6) F300 (6p - 42,5°) | Inlet | 45    | 52     | 58     | 62     | 65      | 67      | 67      | 61      | 72    |
| HMFx 56 T4/T6 (A2:6) F300 (6p - 45°)   | Inlet | 47    | 52     | 59     | 63     | 66      | 68      | 68      | 62      | 73    |
| HMFx 56 T4/T6 (A2:6) F300 (4p - 20°)   | Inlet | 54    | 60     | 72     | 74     | 77      | 78      | 78      | 73      | 84    |
| HMFx 56 T4/T6 (A2:6) F300 (4p - 25°)   | Inlet | 46    | 55     | 65     | 74     | 76      | 76      | 77      | 72      | 82    |
| HMFx 56 T4/T6 (A2:6) F300 (4p - 27,5°) | Inlet | 50    | 58     | 67     | 74     | 76      | 77      | 78      | 72      | 83    |
| HMFx 56 T4/T6 (A2:6) F300 (4p - 30°)   | Inlet | 51    | 58     | 66     | 73     | 75      | 76      | 77      | 72      | 82    |
| HMFx 56 T4/T6 (A2:6) F300 (4p - 32,5°) | Inlet | 52    | 59     | 66     | 71     | 74      | 75      | 76      | 71      | 81    |

| Sound power Lw dB (A)                  |       |       |        |        |        |         |         |         |         |       |
|----------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                  |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 56 T4/T6 (A2:6) F300 (4p - 35°)   | Inlet | 53    | 60     | 66     | 71     | 73      | 75      | 76      | 70      | 81    |
| HMFx 56 T4/T6 (A2:6) F300 (4p - 37,5°) | Inlet | 53    | 60     | 65     | 71     | 73      | 76      | 76      | 70      | 81    |
| HMFx 56 T4/T6 (A2:6) F300 (4p - 40°)   | Inlet | 54    | 61     | 66     | 71     | 74      | 76      | 76      | 70      | 81    |
| HMFx 56 T4/T6 (A2:6) F300 (4p - 42,5°) | Inlet | 54    | 62     | 67     | 72     | 74      | 76      | 77      | 70      | 82    |
| HMFx 56 T4/T6 (A2:6) F300 (4p - 45°)   | Inlet | 56    | 61     | 69     | 72     | 75      | 77      | 77      | 71      | 82    |
| HMFx 56 T4/T6 (A2:9) F300 (6p - 20°)   | Inlet | 50    | 54     | 62     | 66     | 69      | 70      | 70      | 64      | 75    |
| HMFx 56 T4/T6 (A2:9) F300 (6p - 25°)   | Inlet | 45    | 50     | 59     | 64     | 68      | 68      | 68      | 60      | 74    |
| HMFx 56 T4/T6 (A2:9) F300 (6p - 27,5°) | Inlet | 45    | 50     | 59     | 64     | 68      | 68      | 69      | 62      | 74    |
| HMFx 56 T4/T6 (A2:9) F300 (6p - 30°)   | Inlet | 45    | 50     | 59     | 64     | 68      | 68      | 69      | 63      | 74    |
| HMFx 56 T4/T6 (A2:9) F300 (6p - 32,5°) | Inlet | 45    | 50     | 59     | 64     | 68      | 69      | 70      | 64      | 75    |
| HMFx 56 T4/T6 (A2:9) F300 (6p - 35°)   | Inlet | 44    | 50     | 59     | 64     | 68      | 69      | 70      | 64      | 75    |
| HMFx 56 T4/T6 (A2:9) F300 (6p - 37,5°) | Inlet | 44    | 50     | 60     | 64     | 68      | 69      | 70      | 64      | 75    |
| HMFx 56 T4/T6 (A2:9) F300 (6p - 40°)   | Inlet | 44    | 50     | 60     | 64     | 68      | 68      | 70      | 64      | 74    |
| HMFx 56 T4/T6 (A2:9) F300 (6p - 42,5°) | Inlet | 44    | 51     | 60     | 64     | 68      | 68      | 69      | 63      | 74    |
| HMFx 56 T4/T6 (A2:9) F300 (6p - 45°)   | Inlet | 44    | 51     | 62     | 64     | 67      | 69      | 69      | 64      | 74    |
| HMFx 56 T4/T6 (A2:9) F300 (4p - 20°)   | Inlet | 59    | 63     | 71     | 75     | 78      | 79      | 79      | 73      | 85    |
| HMFx 56 T4/T6 (A2:9) F300 (4p - 25°)   | Inlet | 54    | 59     | 68     | 74     | 77      | 77      | 77      | 69      | 83    |
| HMFx 56 T4/T6 (A2:9) F300 (4p - 27,5°) | Inlet | 54    | 59     | 68     | 73     | 77      | 77      | 78      | 71      | 83    |
| HMFx 56 T4/T6 (A2:9) F300 (4p - 30°)   | Inlet | 54    | 59     | 68     | 74     | 77      | 77      | 78      | 72      | 83    |
| HMFx 56 T4/T6 (A2:9) F300 (4p - 32,5°) | Inlet | 54    | 59     | 68     | 74     | 77      | 78      | 79      | 73      | 84    |
| HMFx 56 T4/T6 (A2:9) F300 (4p - 35°)   | Inlet | 53    | 59     | 69     | 74     | 77      | 78      | 79      | 73      | 84    |
| HMFx 56 T4/T6 (A2:9) F300 (4p - 37,5°) | Inlet | 53    | 59     | 69     | 74     | 77      | 78      | 79      | 73      | 84    |

| Sound power Lw dB (A)                  |       |       |        |        |        |         |         |         |         |       |
|----------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                  |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 56 T4/T6 (A2:9) F300 (4p - 40°)   | Inlet | 53    | 60     | 69     | 73     | 77      | 78      | 79      | 73      | 84    |
| HMFx 56 T4/T6 (A2:9) F300 (4p - 42,5°) | Inlet | 53    | 60     | 70     | 73     | 77      | 77      | 78      | 73      | 83    |
| HMFx 56 T4/T6 (A2:9) F300 (4p - 45°)   | Inlet | 54    | 60     | 71     | 73     | 77      | 78      | 78      | 73      | 84    |
| HMFx 63 T4/T6 (A2:6) F300 (6p - 20°)   | Inlet | 48    | 55     | 61     | 67     | 70      | 71      | 72      | 66      | 77    |
| HMFx 63 T4/T6 (A2:6) F300 (6p - 25°)   | Inlet | 40    | 43     | 56     | 65     | 65      | 65      | 67      | 61      | 72    |
| HMFx 63 T4/T6 (A2:6) F300 (6p - 27,5°) | Inlet | 44    | 49     | 59     | 67     | 68      | 69      | 70      | 65      | 75    |
| HMFx 63 T4/T6 (A2:6) F300 (6p - 30°)   | Inlet | 44    | 50     | 59     | 66     | 67      | 69      | 70      | 64      | 75    |
| HMFx 63 T4/T6 (A2:6) F300 (6p - 32,5°) | Inlet | 44    | 51     | 58     | 65     | 67      | 69      | 69      | 64      | 74    |
| HMFx 63 T4/T6 (A2:6) F300 (6p - 35°)   | Inlet | 45    | 52     | 58     | 64     | 66      | 69      | 69      | 64      | 74    |
| HMFx 63 T4/T6 (A2:6) F300 (6p - 37,5°) | Inlet | 44    | 51     | 57     | 64     | 66      | 68      | 69      | 63      | 74    |
| HMFx 63 T4/T6 (A2:6) F300 (6p - 40°)   | Inlet | 46    | 53     | 58     | 64     | 66      | 69      | 69      | 63      | 74    |
| HMFx 63 T4/T6 (A2:6) F300 (6p - 42,5°) | Inlet | 47    | 53     | 59     | 65     | 67      | 69      | 69      | 63      | 74    |
| HMFx 63 T4/T6 (A2:6) F300 (6p - 45°)   | Inlet | 49    | 53     | 61     | 65     | 69      | 70      | 69      | 64      | 75    |
| HMFx 63 T4/T6 (A2:6) F300 (4p - 20°)   | Inlet | 58    | 65     | 70     | 76     | 79      | 81      | 81      | 76      | 86    |
| HMFx 63 T4/T6 (A2:6) F300 (4p - 25°)   | Inlet | 49    | 52     | 65     | 74     | 74      | 74      | 76      | 71      | 81    |
| HMFx 63 T4/T6 (A2:6) F300 (4p - 27,5°) | Inlet | 53    | 58     | 68     | 76     | 77      | 78      | 79      | 74      | 84    |
| HMFx 63 T4/T6 (A2:6) F300 (4p - 30°)   | Inlet | 53    | 59     | 68     | 75     | 77      | 78      | 79      | 74      | 84    |
| HMFx 63 T4/T6 (A2:6) F300 (4p - 32,5°) | Inlet | 54    | 61     | 68     | 74     | 76      | 78      | 78      | 73      | 84    |
| HMFx 63 T4/T6 (A2:6) F300 (4p - 35°)   | Inlet | 54    | 61     | 67     | 73     | 76      | 78      | 78      | 73      | 83    |
| HMFx 63 T4/T6 (A2:6) F300 (4p - 37,5°) | Inlet | 54    | 61     | 66     | 73     | 75      | 78      | 78      | 72      | 83    |
| HMFx 63 T4/T6 (A2:6) F300 (4p - 40°)   | Inlet | 55    | 62     | 67     | 73     | 76      | 78      | 78      | 72      | 83    |
| HMFx 63 T4/T6 (A2:6) F300 (4p - 42,5°) | Inlet | 56    | 62     | 69     | 74     | 76      | 78      | 78      | 72      | 84    |

| Sound power Lw dB (A)                  |       |       |        |        |        |         |         |         |         |       |
|----------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                  |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 63 T4/T6 (A2:6) F300 (4p - 45°)   | Inlet | 58    | 63     | 70     | 75     | 78      | 79      | 79      | 73      | 84    |
| HMFx 63 T4/T6 (A2:9) F300 (6p - 20°)   | Inlet | 53    | 57     | 65     | 68     | 72      | 72      | 72      | 65      | 78    |
| HMFx 63 T4/T6 (A2:9) F300 (6p - 25°)   | Inlet | 48    | 51     | 62     | 68     | 70      | 69      | 71      | 65      | 76    |
| HMFx 63 T4/T6 (A2:9) F300 (6p - 27,5°) | Inlet | 48    | 52     | 62     | 67     | 69      | 70      | 71      | 66      | 76    |
| HMFx 63 T4/T6 (A2:9) F300 (6p - 30°)   | Inlet | 48    | 53     | 62     | 67     | 70      | 70      | 71      | 66      | 76    |
| HMFx 63 T4/T6 (A2:9) F300 (6p - 32,5°) | Inlet | 49    | 54     | 62     | 68     | 70      | 71      | 72      | 67      | 77    |
| HMFx 63 T4/T6 (A2:9) F300 (6p - 35°)   | Inlet | 48    | 54     | 62     | 68     | 70      | 71      | 72      | 67      | 77    |
| HMFx 63 T4/T6 (A2:9) F300 (6p - 37,5°) | Inlet | 48    | 54     | 62     | 68     | 70      | 72      | 73      | 67      | 78    |
| HMFx 63 T4/T6 (A2:9) F300 (6p - 40°)   | Inlet | 48    | 54     | 61     | 67     | 70      | 72      | 72      | 67      | 77    |
| HMFx 63 T4/T6 (A2:9) F300 (6p - 42,5°) | Inlet | 48    | 55     | 61     | 67     | 70      | 71      | 72      | 67      | 77    |
| HMFx 63 T4/T6 (A2:9) F300 (6p - 45°)   | Inlet | 48    | 55     | 61     | 67     | 70      | 71      | 72      | 67      | 77    |
| HMFx 63 T4/T6 (A2:9) F300 (4p - 20°)   | Inlet | 62    | 66     | 75     | 78     | 81      | 82      | 81      | 75      | 87    |
| HMFx 63 T4/T6 (A2:9) F300 (4p - 25°)   | Inlet | 57    | 60     | 72     | 77     | 79      | 78      | 80      | 74      | 85    |
| HMFx 63 T4/T6 (A2:9) F300 (4p - 27,5°) | Inlet | 57    | 61     | 71     | 77     | 79      | 79      | 80      | 75      | 85    |
| HMFx 63 T4/T6 (A2:9) F300 (4p - 30°)   | Inlet | 58    | 62     | 71     | 77     | 79      | 80      | 81      | 75      | 86    |
| HMFx 63 T4/T6 (A2:9) F300 (4p - 32,5°) | Inlet | 58    | 63     | 71     | 77     | 79      | 80      | 81      | 76      | 86    |
| HMFx 63 T4/T6 (A2:9) F300 (4p - 35°)   | Inlet | 58    | 63     | 71     | 77     | 79      | 81      | 82      | 76      | 87    |
| HMFx 63 T4/T6 (A2:9) F300 (4p - 37,5°) | Inlet | 57    | 64     | 71     | 77     | 80      | 81      | 82      | 76      | 87    |
| HMFx 63 T4/T6 (A2:9) F300 (4p - 40°)   | Inlet | 57    | 64     | 71     | 77     | 79      | 81      | 81      | 76      | 87    |
| HMFx 63 T4/T6 (A2:9) F300 (4p - 42,5°) | Inlet | 58    | 64     | 70     | 76     | 79      | 81      | 81      | 76      | 86    |
| HMFx 63 T4/T6 (A2:9) F300 (4p - 45°)   | Inlet | 58    | 64     | 70     | 76     | 79      | 81      | 81      | 76      | 86    |
| HMFx 71 T4/T6 (A2:6) F300 (6p - 20°)   | Inlet | 51    | 59     | 64     | 70     | 73      | 74      | 74      | 68      | 79    |

| Sound power Lw dB (A)                  |       |       |        |        |        |         |         |         |         |       |
|----------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                  |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFX 71 T4/T6 (A2:6) F300 (6p - 25°)   | Inlet | 46    | 52     | 63     | 71     | 74      | 73      | 75      | 69      | 80    |
| HMFX 71 T4/T6 (A2:6) F300 (6p - 27,5°) | Inlet | 48    | 54     | 63     | 70     | 72      | 73      | 74      | 69      | 79    |
| HMFX 71 T4/T6 (A2:6) F300 (6p - 30°)   | Inlet | 48    | 54     | 63     | 70     | 72      | 73      | 74      | 69      | 79    |
| HMFX 71 T4/T6 (A2:6) F300 (6p - 32,5°) | Inlet | 49    | 55     | 62     | 69     | 70      | 73      | 73      | 68      | 78    |
| HMFX 71 T4/T6 (A2:6) F300 (6p - 35°)   | Inlet | 49    | 56     | 61     | 67     | 69      | 72      | 72      | 67      | 77    |
| HMFX 71 T4/T6 (A2:6) F300 (6p - 37,5°) | Inlet | 48    | 55     | 60     | 66     | 69      | 71      | 71      | 65      | 76    |
| HMFX 71 T4/T6 (A2:6) F300 (6p - 40°)   | Inlet | 49    | 56     | 62     | 67     | 70      | 72      | 72      | 65      | 77    |
| HMFX 71 T4/T6 (A2:6) F300 (6p - 42,5°) | Inlet | 50    | 57     | 63     | 68     | 71      | 72      | 72      | 66      | 78    |
| HMFX 71 T4/T6 (A2:6) F300 (6p - 45°)   | Inlet | 52    | 57     | 65     | 68     | 71      | 72      | 72      | 66      | 78    |
| HMFX 71 T4/T6 (A2:6) F300 (4p - 20°)   | Inlet | 60    | 68     | 74     | 79     | 82      | 83      | 83      | 77      | 89    |
| HMFX 71 T4/T6 (A2:6) F300 (4p - 25°)   | Inlet | 55    | 61     | 73     | 80     | 83      | 82      | 84      | 78      | 89    |
| HMFX 71 T4/T6 (A2:6) F300 (4p - 27,5°) | Inlet | 57    | 63     | 72     | 79     | 82      | 82      | 84      | 78      | 89    |
| HMFX 71 T4/T6 (A2:6) F300 (4p - 30°)   | Inlet | 57    | 64     | 72     | 79     | 81      | 82      | 83      | 78      | 88    |
| HMFX 71 T4/T6 (A2:6) F300 (4p - 32,5°) | Inlet | 58    | 65     | 71     | 78     | 80      | 82      | 82      | 77      | 87    |
| HMFX 71 T4/T6 (A2:6) F300 (4p - 35°)   | Inlet | 58    | 65     | 70     | 77     | 79      | 81      | 81      | 76      | 86    |
| HMFX 71 T4/T6 (A2:6) F300 (4p - 37,5°) | Inlet | 57    | 64     | 70     | 75     | 78      | 80      | 81      | 74      | 86    |
| HMFX 71 T4/T6 (A2:6) F300 (4p - 40°)   | Inlet | 58    | 66     | 71     | 76     | 79      | 81      | 81      | 75      | 86    |
| HMFX 71 T4/T6 (A2:6) F300 (4p - 42,5°) | Inlet | 60    | 66     | 72     | 77     | 80      | 82      | 81      | 75      | 87    |
| HMFX 71 T4/T6 (A2:6) F300 (4p - 45°)   | Inlet | 61    | 66     | 74     | 77     | 81      | 82      | 81      | 75      | 87    |
| HMFX 71 T4/T6 (A2:9) F300 (6p - 20°)   | Inlet | 53    | 61     | 67     | 70     | 74      | 74      | 74      | 67      | 80    |
| HMFX 71 T4/T6 (A2:9) F300 (6p - 25°)   | Inlet | 51    | 57     | 67     | 74     | 76      | 76      | 78      | 71      | 83    |
| HMFX 71 T4/T6 (A2:9) F300 (6p - 27,5°) | Inlet | 51    | 58     | 65     | 72     | 75      | 75      | 76      | 70      | 81    |

| Sound power Lw dB (A)                  |       |       |        |        |        |         |         |         |         |       |
|----------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                  |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 71 T4/T6 (A2:9) F300 (6p - 30°)   | Inlet | 51    | 58     | 65     | 72     | 74      | 75      | 76      | 70      | 81    |
| HMFx 71 T4/T6 (A2:9) F300 (6p - 32,5°) | Inlet | 51    | 58     | 64     | 71     | 73      | 74      | 75      | 70      | 80    |
| HMFx 71 T4/T6 (A2:9) F300 (6p - 35°)   | Inlet | 51    | 58     | 64     | 70     | 73      | 75      | 75      | 69      | 80    |
| HMFx 71 T4/T6 (A2:9) F300 (6p - 37,5°) | Inlet | 51    | 58     | 63     | 70     | 74      | 75      | 75      | 69      | 80    |
| HMFx 71 T4/T6 (A2:9) F300 (6p - 40°)   | Inlet | 52    | 59     | 64     | 70     | 74      | 75      | 75      | 69      | 80    |
| HMFx 71 T4/T6 (A2:9) F300 (6p - 42,5°) | Inlet | 53    | 59     | 65     | 70     | 74      | 75      | 75      | 69      | 80    |
| HMFx 71 T4/T6 (A2:9) F300 (6p - 45°)   | Inlet | 52    | 59     | 65     | 70     | 73      | 74      | 74      | 68      | 80    |
| HMFx 71 T4/T6 (A2:9) F300 (4p - 20°)   | Inlet | 63    | 70     | 77     | 80     | 83      | 83      | 83      | 76      | 89    |
| HMFx 71 T4/T6 (A2:9) F300 (4p - 25°)   | Inlet | 61    | 67     | 76     | 83     | 86      | 85      | 87      | 80      | 92    |
| HMFx 71 T4/T6 (A2:9) F300 (4p - 27,5°) | Inlet | 61    | 67     | 75     | 81     | 84      | 84      | 86      | 79      | 91    |
| HMFx 71 T4/T6 (A2:9) F300 (4p - 30°)   | Inlet | 61    | 67     | 74     | 81     | 83      | 84      | 85      | 79      | 90    |
| HMFx 71 T4/T6 (A2:9) F300 (4p - 32,5°) | Inlet | 61    | 67     | 73     | 80     | 82      | 83      | 84      | 79      | 89    |
| HMFx 71 T4/T6 (A2:9) F300 (4p - 35°)   | Inlet | 60    | 67     | 73     | 80     | 83      | 84      | 84      | 79      | 89    |
| HMFx 71 T4/T6 (A2:9) F300 (4p - 37,5°) | Inlet | 60    | 67     | 73     | 80     | 83      | 84      | 84      | 78      | 89    |
| HMFx 71 T4/T6 (A2:9) F300 (4p - 40°)   | Inlet | 61    | 68     | 74     | 79     | 83      | 84      | 84      | 78      | 90    |
| HMFx 71 T4/T6 (A2:9) F300 (4p - 42,5°) | Inlet | 62    | 69     | 74     | 79     | 83      | 84      | 84      | 78      | 90    |
| HMFx 71 T4/T6 (A2:9) F300 (4p - 45°)   | Inlet | 61    | 68     | 74     | 79     | 82      | 84      | 83      | 77      | 89    |
| HMFx 80 T4/T6 (A2:6) F300 (6p - 20°)   | Inlet | 55    | 62     | 69     | 72     | 75      | 77      | 76      | 70      | 82    |
| HMFx 80 T4/T6 (A2:6) F300 (6p - 25°)   | Inlet | 45    | 52     | 63     | 71     | 74      | 74      | 76      | 71      | 81    |
| HMFx 80 T4/T6 (A2:6) F300 (6p - 27,5°) | Inlet | 49    | 56     | 64     | 71     | 74      | 75      | 76      | 70      | 81    |
| HMFx 80 T4/T6 (A2:6) F300 (6p - 30°)   | Inlet | 50    | 57     | 64     | 70     | 74      | 75      | 76      | 70      | 81    |
| HMFx 80 T4/T6 (A2:6) F300 (6p - 32,5°) | Inlet | 51    | 58     | 63     | 70     | 73      | 75      | 76      | 69      | 80    |

| Sound power Lw dB (A)                  |       |       |        |        |        |         |         |         |         |       |
|----------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                  |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 80 T4/T6 (A2:6) F300 (6p - 35°)   | Inlet | 52    | 59     | 64     | 70     | 73      | 75      | 75      | 69      | 80    |
| HMFx 80 T4/T6 (A2:6) F300 (6p - 37,5°) | Inlet | 53    | 60     | 65     | 70     | 73      | 75      | 75      | 68      | 80    |
| HMFx 80 T4/T6 (A2:6) F300 (6p - 40°)   | Inlet | 53    | 60     | 66     | 70     | 73      | 75      | 74      | 67      | 80    |
| HMFx 80 T4/T6 (A2:6) F300 (6p - 42,5°) | Inlet | 53    | 60     | 66     | 69     | 73      | 74      | 73      | 67      | 79    |
| HMFx 80 T4/T6 (A2:6) F300 (6p - 45°)   | Inlet | 53    | 61     | 67     | 70     | 73      | 74      | 74      | 67      | 80    |
| HMFx 80 T4/T6 (A2:6) F300 (4p - 20°)   | Inlet | 64    | 72     | 78     | 81     | 84      | 86      | 85      | 79      | 91    |
| HMFx 80 T4/T6 (A2:6) F300 (4p - 25°)   | Inlet | 55    | 62     | 72     | 80     | 84      | 83      | 85      | 80      | 90    |
| HMFx 80 T4/T6 (A2:6) F300 (4p - 27,5°) | Inlet | 58    | 65     | 73     | 80     | 83      | 84      | 85      | 79      | 90    |
| HMFx 80 T4/T6 (A2:6) F300 (4p - 30°)   | Inlet | 59    | 66     | 73     | 80     | 83      | 84      | 85      | 79      | 90    |
| HMFx 80 T4/T6 (A2:6) F300 (4p - 32,5°) | Inlet | 60    | 67     | 73     | 79     | 82      | 84      | 85      | 79      | 90    |
| HMFx 80 T4/T6 (A2:6) F300 (4p - 35°)   | Inlet | 61    | 68     | 74     | 79     | 82      | 85      | 85      | 78      | 90    |
| HMFx 80 T4/T6 (A2:6) F300 (4p - 37,5°) | Inlet | 62    | 69     | 75     | 79     | 82      | 85      | 84      | 77      | 89    |
| HMFx 80 T4/T6 (A2:6) F300 (4p - 40°)   | Inlet | 62    | 69     | 75     | 79     | 82      | 84      | 83      | 77      | 89    |
| HMFx 80 T4/T6 (A2:6) F300 (4p - 42,5°) | Inlet | 62    | 70     | 75     | 79     | 82      | 83      | 83      | 76      | 88    |
| HMFx 80 T4/T6 (A2:6) F300 (4p - 45°)   | Inlet | 62    | 70     | 76     | 79     | 82      | 83      | 83      | 76      | 89    |
| HMFx 80 T4/T6 (A2:9) F300 (6p - 20°)   | Inlet | 58    | 66     | 74     | 81     | 83      | 84      | 83      | 78      | 89    |
| HMFx 80 T4/T6 (A2:9) F300 (6p - 25°)   | Inlet | 51    | 63     | 69     | 81     | 83      | 81      | 83      | 75      | 88    |
| HMFx 80 T4/T6 (A2:9) F300 (6p - 27,5°) | Inlet | 53    | 62     | 68     | 78     | 80      | 80      | 81      | 74      | 86    |
| HMFx 80 T4/T6 (A2:9) F300 (6p - 30°)   | Inlet | 54    | 62     | 68     | 77     | 80      | 80      | 81      | 74      | 86    |
| HMFx 80 T4/T6 (A2:9) F300 (6p - 32,5°) | Inlet | 55    | 62     | 67     | 75     | 78      | 79      | 79      | 74      | 85    |
| HMFx 80 T4/T6 (A2:9) F300 (6p - 35°)   | Inlet | 54    | 61     | 67     | 74     | 77      | 79      | 79      | 72      | 84    |
| HMFx 80 T4/T6 (A2:9) F300 (6p - 37,5°) | Inlet | 54    | 61     | 66     | 73     | 77      | 79      | 78      | 71      | 83    |

| Sound power Lw dB (A)                  |       |       |        |        |        |         |         |         |         |       |
|----------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                  |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 80 T4/T6 (A2:9) F300 (6p - 40°)   | Inlet | 55    | 62     | 67     | 72     | 76      | 78      | 77      | 71      | 83    |
| HMFx 80 T4/T6 (A2:9) F300 (6p - 42,5°) | Inlet | 55    | 62     | 68     | 72     | 76      | 78      | 77      | 71      | 83    |
| HMFx 80 T4/T6 (A2:9) F300 (6p - 45°)   | Inlet | 55    | 63     | 68     | 72     | 75      | 77      | 76      | 70      | 82    |
| HMFx 80 T4/T6 (A2:9) F300 (4p - 20°)   | Inlet | 67    | 76     | 83     | 91     | 92      | 93      | 93      | 87      | 99    |
| HMFx 80 T4/T6 (A2:9) F300 (4p - 25°)   | Inlet | 60    | 72     | 79     | 90     | 92      | 90      | 93      | 84      | 98    |
| HMFx 80 T4/T6 (A2:9) F300 (4p - 27,5°) | Inlet | 62    | 72     | 77     | 87     | 89      | 89      | 90      | 83      | 95    |
| HMFx 80 T4/T6 (A2:9) F300 (4p - 30°)   | Inlet | 63    | 72     | 77     | 86     | 89      | 89      | 90      | 83      | 95    |
| HMFx 80 T4/T6 (A2:9) F300 (4p - 32,5°) | Inlet | 64    | 71     | 76     | 84     | 87      | 88      | 89      | 83      | 94    |
| HMFx 80 T4/T6 (A2:9) F300 (4p - 35°)   | Inlet | 63    | 70     | 76     | 83     | 87      | 88      | 88      | 82      | 93    |
| HMFx 80 T4/T6 (A2:9) F300 (4p - 37,5°) | Inlet | 63    | 70     | 76     | 82     | 86      | 88      | 87      | 81      | 93    |
| HMFx 80 T4/T6 (A2:9) F300 (4p - 40°)   | Inlet | 64    | 71     | 76     | 82     | 85      | 87      | 87      | 80      | 92    |
| HMFx 80 T4/T6 (A2:9) F300 (4p - 42,5°) | Inlet | 65    | 72     | 77     | 81     | 85      | 87      | 86      | 80      | 92    |
| HMFx 80 T4/T6 (A2:9) F300 (4p - 45°)   | Inlet | 64    | 72     | 78     | 81     | 84      | 86      | 85      | 79      | 91    |
| HMFx 90 T4/T6 (A6:3) F300 (6p - 20°)   | Inlet | 59    | 68     | 74     | 79     | 81      | 82      | 83      | 77      | 88    |
| HMFx 90 T4/T6 (A6:3) F300 (6p - 22°)   | Inlet | 51    | 54     | 64     | 66     | 70      | 72      | 75      | 69      | 78    |
| HMFx 90 T4/T6 (A6:3) F300 (6p - 24°)   | Inlet | 53    | 56     | 65     | 68     | 72      | 73      | 76      | 70      | 80    |
| HMFx 90 T4/T6 (A6:3) F300 (6p - 26°)   | Inlet | 54    | 58     | 66     | 70     | 73      | 75      | 77      | 71      | 81    |
| HMFx 90 T4/T6 (A6:3) F300 (6p - 28°)   | Inlet | 55    | 59     | 68     | 72     | 75      | 76      | 78      | 72      | 82    |
| HMFx 90 T4/T6 (A6:3) F300 (6p - 30°)   | Inlet | 56    | 61     | 69     | 74     | 76      | 77      | 79      | 73      | 84    |
| HMFx 90 T4/T6 (A6:3) F300 (6p - 32°)   | Inlet | 57    | 62     | 70     | 76     | 77      | 78      | 80      | 74      | 85    |
| HMFx 90 T4/T6 (A6:3) F300 (6p - 34°)   | Inlet | 57    | 63     | 70     | 77     | 78      | 79      | 80      | 74      | 85    |
| HMFx 90 T4/T6 (A6:3) F300 (6p - 36°)   | Inlet | 57    | 63     | 70     | 78     | 78      | 80      | 80      | 75      | 86    |

| Sound power Lw dB (A)                |       |       |        |        |        |         |         |         |         |       |
|--------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFX 90 T4/T6 (A6:3) F300 (6p - 38°) | Inlet | 57    | 64     | 71     | 79     | 79      | 81      | 81      | 75      | 87    |
| HMFX 90 T4/T6 (A6:3) F300 (6p - 40°) | Inlet | 57    | 65     | 72     | 80     | 80      | 82      | 82      | 76      | 88    |
| HMFX 90 T4/T6 (A6:3) F300 (6p - 42°) | Inlet | 57    | 66     | 73     | 81     | 81      | 83      | 83      | 77      | 89    |
| HMFX 90 T4/T6 (A6:3) F300 (4p - 20°) | Inlet | 68    | 78     | 83     | 89     | 90      | 91      | 92      | 86      | 97    |
| HMFX 90 T4/T6 (A6:3) F300 (4p - 22°) | Inlet | 60    | 64     | 73     | 75     | 79      | 81      | 84      | 78      | 88    |
| HMFX 90 T4/T6 (A6:3) F300 (4p - 24°) | Inlet | 62    | 65     | 74     | 77     | 81      | 83      | 85      | 79      | 89    |
| HMFX 90 T4/T6 (A6:3) F300 (4p - 26°) | Inlet | 63    | 67     | 76     | 79     | 83      | 84      | 86      | 80      | 90    |
| HMFX 90 T4/T6 (A6:3) F300 (4p - 28°) | Inlet | 64    | 69     | 77     | 81     | 84      | 85      | 87      | 81      | 92    |
| HMFX 90 T4/T6 (A6:3) F300 (4p - 30°) | Inlet | 65    | 70     | 78     | 83     | 85      | 87      | 88      | 82      | 93    |
| HMFX 90 T4/T6 (A6:3) F300 (4p - 32°) | Inlet | 66    | 72     | 79     | 85     | 86      | 88      | 89      | 83      | 94    |
| HMFX 90 T4/T6 (A6:3) F300 (4p - 34°) | Inlet | 66    | 72     | 79     | 86     | 87      | 88      | 90      | 84      | 95    |
| HMFX 90 T4/T6 (A6:3) F300 (4p - 36°) | Inlet | 66    | 72     | 80     | 87     | 87      | 89      | 90      | 84      | 95    |
| HMFX 90 T4/T6 (A6:3) F300 (4p - 38°) | Inlet | 66    | 73     | 80     | 88     | 88      | 90      | 90      | 84      | 96    |
| HMFX 90 T4/T6 (A6:3) F300 (4p - 40°) | Inlet | 66    | 74     | 81     | 89     | 89      | 91      | 91      | 85      | 97    |
| HMFX 90 T4/T6 (A6:3) F300 (4p - 42°) | Inlet | 67    | 75     | 82     | 90     | 90      | 92      | 92      | 86      | 98    |
| HMFX 90 T4/T6 (A6:6) F300 (6p - 20°) | Inlet | 60    | 69     | 75     | 81     | 84      | 84      | 84      | 79      | 90    |
| HMFX 90 T4/T6 (A6:6) F300 (6p - 22°) | Inlet | 56    | 66     | 73     | 79     | 84      | 82      | 82      | 77      | 89    |
| HMFX 90 T4/T6 (A6:6) F300 (6p - 24°) | Inlet | 57    | 66     | 73     | 80     | 84      | 82      | 83      | 78      | 89    |
| HMFX 90 T4/T6 (A6:6) F300 (6p - 26°) | Inlet | 58    | 67     | 74     | 80     | 84      | 83      | 83      | 78      | 89    |
| HMFX 90 T4/T6 (A6:6) F300 (6p - 28°) | Inlet | 59    | 68     | 74     | 81     | 84      | 83      | 84      | 79      | 90    |
| HMFX 90 T4/T6 (A6:6) F300 (6p - 30°) | Inlet | 59    | 68     | 74     | 81     | 83      | 83      | 84      | 79      | 90    |
| HMFX 90 T4/T6 (A6:6) F300 (6p - 32°) | Inlet | 60    | 69     | 75     | 82     | 83      | 83      | 85      | 80      | 90    |

| Sound power Lw dB (A)                 |       |       |        |        |        |         |         |         |         |       |
|---------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                 |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFX 90 T4/T6 (A6:6) F300 (6p - 34°)  | Inlet | 59    | 68     | 73     | 80     | 81      | 82      | 83      | 78      | 88    |
| HMFX 90 T4/T6 (A6:6) F300 (4p - 20°)  | Inlet | 70    | 78     | 84     | 91     | 93      | 94      | 93      | 88      | 99    |
| HMFX 90 T4/T6 (A6:6) F300 (4p - 22°)  | Inlet | 65    | 75     | 82     | 89     | 93      | 91      | 91      | 86      | 98    |
| HMFX 90 T4/T6 (A6:6) F300 (4p - 24°)  | Inlet | 66    | 76     | 82     | 89     | 93      | 91      | 92      | 87      | 98    |
| HMFX 90 T4/T6 (A6:6) F300 (4p - 26°)  | Inlet | 67    | 76     | 83     | 90     | 93      | 92      | 93      | 88      | 99    |
| HMFX 90 T4/T6 (A6:6) F300 (4p - 28°)  | Inlet | 68    | 77     | 83     | 90     | 93      | 92      | 93      | 88      | 99    |
| HMFX 90 T4/T6 (A6:6) F300 (4p - 30°)  | Inlet | 68    | 78     | 84     | 90     | 93      | 93      | 93      | 88      | 99    |
| HMFX 90 T4/T6 (A6:6) F300 (4p - 32°)  | Inlet | 69    | 78     | 84     | 91     | 92      | 93      | 94      | 89      | 99    |
| HMFX 90 T4/T6 (A6:6) F300 (4p - 34°)  | Inlet | 68    | 77     | 82     | 89     | 90      | 91      | 93      | 87      | 98    |
| HMFX 100 T4/T6 (A6:3) F300 (6p - 20°) | Inlet | 63    | 72     | 78     | 82     | 84      | 85      | 86      | 80      | 91    |
| HMFX 100 T4/T6 (A6:3) F300 (6p - 22°) | Inlet | 55    | 62     | 68     | 72     | 78      | 79      | 83      | 75      | 86    |
| HMFX 100 T4/T6 (A6:3) F300 (6p - 24°) | Inlet | 56    | 63     | 69     | 74     | 79      | 80      | 83      | 76      | 87    |
| HMFX 100 T4/T6 (A6:3) F300 (6p - 26°) | Inlet | 57    | 63     | 69     | 74     | 79      | 80      | 83      | 76      | 86    |
| HMFX 100 T4/T6 (A6:3) F300 (6p - 28°) | Inlet | 57    | 63     | 69     | 74     | 78      | 79      | 82      | 75      | 86    |
| HMFX 100 T4/T6 (A6:3) F300 (6p - 30°) | Inlet | 57    | 63     | 69     | 75     | 78      | 79      | 81      | 75      | 85    |
| HMFX 100 T4/T6 (A6:3) F300 (6p - 32°) | Inlet | 57    | 63     | 69     | 75     | 78      | 79      | 80      | 74      | 85    |
| HMFX 100 T4/T6 (A6:3) F300 (6p - 34°) | Inlet | 59    | 65     | 71     | 77     | 79      | 80      | 81      | 75      | 86    |
| HMFX 100 T4/T6 (A6:3) F300 (4p - 20°) | Inlet | 73    | 81     | 87     | 92     | 93      | 95      | 95      | 89      | 101   |
| HMFX 100 T4/T6 (A6:3) F300 (4p - 22°) | Inlet | 64    | 71     | 77     | 81     | 87      | 89      | 92      | 85      | 95    |
| HMFX 100 T4/T6 (A6:3) F300 (4p - 24°) | Inlet | 66    | 73     | 78     | 83     | 88      | 89      | 93      | 85      | 96    |
| HMFX 100 T4/T6 (A6:3) F300 (4p - 26°) | Inlet | 66    | 73     | 79     | 83     | 88      | 89      | 92      | 85      | 96    |
| HMFX 100 T4/T6 (A6:3) F300 (4p - 28°) | Inlet | 66    | 73     | 79     | 84     | 87      | 89      | 91      | 84      | 95    |

| Sound power Lw dB (A)                 |       |       |        |        |        |         |         |         |         |       |
|---------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                 |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 100 T4/T6 (A6:3) F300 (4p - 30°) | Inlet | 66    | 72     | 79     | 84     | 87      | 88      | 90      | 84      | 94    |
| HMFx 100 T4/T6 (A6:3) F300 (4p - 32°) | Inlet | 66    | 72     | 79     | 84     | 87      | 88      | 89      | 84      | 94    |
| HMFx 100 T4/T6 (A6:3) F300 (4p - 34°) | Inlet | 68    | 74     | 81     | 86     | 88      | 89      | 90      | 85      | 95    |
| HMFx 100 T4/T6 (A6:6) F300 (6p - 20°) | Inlet | 64    | 71     | 76     | 83     | 85      | 86      | 86      | 82      | 92    |
| HMFx 100 T4/T6 (A6:6) F300 (6p - 22°) | Inlet | 60    | 71     | 77     | 86     | 87      | 87      | 87      | 83      | 93    |
| HMFx 100 T4/T6 (A6:6) F300 (6p - 24°) | Inlet | 61    | 71     | 77     | 86     | 87      | 87      | 87      | 82      | 93    |
| HMFx 100 T4/T6 (A6:6) F300 (6p - 26°) | Inlet | 61    | 72     | 77     | 86     | 87      | 86      | 87      | 82      | 93    |
| HMFx 100 T4/T6 (A6:6) F300 (6p - 28°) | Inlet | 63    | 72     | 78     | 86     | 87      | 87      | 88      | 83      | 93    |
| HMFx 100 T4/T6 (A6:6) F300 (6p - 30°) | Inlet | 64    | 73     | 79     | 86     | 87      | 87      | 88      | 84      | 94    |
| HMFx 100 T4/T6 (A6:6) F300 (6p - 32°) | Inlet | 65    | 73     | 80     | 86     | 87      | 87      | 88      | 84      | 94    |
| HMFx 100 T4/T6 (A6:6) F300 (6p - 34°) | Inlet | 64    | 72     | 79     | 84     | 85      | 86      | 87      | 82      | 92    |
| HMFx 100 T4/T6 (A6:6) F300 (6p - 36°) | Inlet | 63    | 71     | 78     | 81     | 84      | 84      | 86      | 81      | 91    |
| HMFx 100 T4/T6 (A6:6) F300 (6p - 38°) | Inlet | 62    | 71     | 77     | 81     | 83      | 84      | 85      | 80      | 90    |
| HMFx 100 T4/T6 (A6:6) F300 (6p - 40°) | Inlet | 63    | 71     | 77     | 81     | 84      | 85      | 86      | 80      | 91    |
| HMFx 100 T4/T6 (A6:6) F300 (6p - 42°) | Inlet | 64    | 72     | 78     | 82     | 84      | 85      | 86      | 81      | 91    |
| HMFx 100 T4/T6 (A6:6) F300 (4p - 20°) | Inlet | 73    | 80     | 86     | 92     | 94      | 95      | 95      | 91      | 101   |
| HMFx 100 T4/T6 (A6:6) F300 (4p - 22°) | Inlet | 69    | 80     | 86     | 96     | 96      | 96      | 96      | 92      | 103   |
| HMFx 100 T4/T6 (A6:6) F300 (4p - 24°) | Inlet | 70    | 81     | 86     | 95     | 96      | 96      | 96      | 92      | 102   |
| HMFx 100 T4/T6 (A6:6) F300 (4p - 26°) | Inlet | 71    | 81     | 87     | 95     | 96      | 96      | 96      | 92      | 102   |
| HMFx 100 T4/T6 (A6:6) F300 (4p - 28°) | Inlet | 72    | 82     | 88     | 95     | 96      | 96      | 97      | 92      | 103   |
| HMFx 100 T4/T6 (A6:6) F300 (4p - 30°) | Inlet | 73    | 82     | 89     | 95     | 96      | 97      | 97      | 93      | 103   |
| HMFx 100 T4/T6 (A6:6) F300 (4p - 32°) | Inlet | 74    | 82     | 89     | 95     | 96      | 97      | 98      | 93      | 103   |

| Sound power Lw dB (A)                 |       |       |        |        |        |         |         |         |         |       |
|---------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                 |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 100 T4/T6 (A6:6) F300 (4p - 34°) | Inlet | 73    | 81     | 88     | 93     | 95      | 95      | 96      | 92      | 102   |
| HMFx 100 T4/T6 (A6:6) F300 (4p - 36°) | Inlet | 72    | 80     | 87     | 91     | 93      | 94      | 95      | 90      | 100   |
| HMFx 100 T4/T6 (A6:6) F300 (4p - 38°) | Inlet | 72    | 80     | 86     | 90     | 92      | 93      | 94      | 89      | 100   |
| HMFx 100 T4/T6 (A6:6) F300 (4p - 40°) | Inlet | 72    | 81     | 87     | 91     | 93      | 94      | 95      | 89      | 100   |
| HMFx 100 T4/T6 (A6:6) F300 (4p - 42°) | Inlet | 73    | 81     | 87     | 91     | 94      | 95      | 95      | 90      | 101   |
| HMFx 112 T4/T6 (A6:3) F300 (6p - 20°) | Inlet | 70    | 75     | 83     | 85     | 88      | 90      | 90      | 83      | 95    |
| HMFx 112 T4/T6 (A6:3) F300 (6p - 22°) | Inlet | 58    | 65     | 71     | 77     | 82      | 84      | 86      | 80      | 90    |
| HMFx 112 T4/T6 (A6:3) F300 (6p - 24°) | Inlet | 59    | 66     | 72     | 78     | 83      | 84      | 86      | 81      | 90    |
| HMFx 112 T4/T6 (A6:3) F300 (6p - 26°) | Inlet | 61    | 68     | 73     | 79     | 83      | 85      | 87      | 81      | 91    |
| HMFx 112 T4/T6 (A6:3) F300 (6p - 28°) | Inlet | 61    | 68     | 74     | 80     | 83      | 85      | 87      | 81      | 91    |
| HMFx 112 T4/T6 (A6:3) F300 (6p - 30°) | Inlet | 62    | 68     | 75     | 80     | 83      | 84      | 87      | 81      | 91    |
| HMFx 112 T4/T6 (A6:3) F300 (6p - 32°) | Inlet | 62    | 67     | 75     | 80     | 83      | 84      | 86      | 80      | 90    |
| HMFx 112 T4/T6 (A6:3) F300 (6p - 34°) | Inlet | 63    | 68     | 75     | 80     | 83      | 84      | 86      | 81      | 90    |
| HMFx 112 T4/T6 (A6:3) F300 (6p - 36°) | Inlet | 64    | 68     | 76     | 81     | 83      | 84      | 85      | 81      | 90    |
| HMFx 112 T4/T6 (A6:3) F300 (6p - 38°) | Inlet | 64    | 69     | 76     | 81     | 84      | 84      | 85      | 81      | 91    |
| HMFx 112 T4/T6 (A6:3) F300 (6p - 40°) | Inlet | 64    | 70     | 76     | 82     | 84      | 85      | 86      | 81      | 91    |
| HMFx 112 T4/T6 (A6:3) F300 (6p - 42°) | Inlet | 64    | 70     | 76     | 82     | 84      | 85      | 86      | 81      | 91    |
| HMFx 112 T4/T6 (A6:3) F300 (4p - 20°) | Inlet | 79    | 84     | 92     | 95     | 98      | 99      | 99      | 93      | 104   |
| HMFx 112 T4/T6 (A6:3) F300 (4p - 22°) | Inlet | 67    | 75     | 80     | 86     | 92      | 93      | 95      | 89      | 99    |
| HMFx 112 T4/T6 (A6:3) F300 (4p - 24°) | Inlet | 69    | 76     | 81     | 87     | 92      | 94      | 95      | 90      | 100   |
| HMFx 112 T4/T6 (A6:3) F300 (4p - 26°) | Inlet | 70    | 77     | 82     | 88     | 93      | 94      | 96      | 90      | 100   |
| HMFx 112 T4/T6 (A6:3) F300 (4p - 28°) | Inlet | 71    | 77     | 83     | 89     | 93      | 94      | 96      | 90      | 100   |

| Sound power Lw dB (A)                 |       |       |        |        |        |         |         |         |         |       |
|---------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                 |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 112 T4/T6 (A6:3) F300 (4p - 30°) | Inlet | 71    | 77     | 84     | 89     | 92      | 94      | 96      | 90      | 100   |
| HMFx 112 T4/T6 (A6:3) F300 (4p - 32°) | Inlet | 71    | 77     | 84     | 89     | 92      | 93      | 95      | 90      | 99    |
| HMFx 112 T4/T6 (A6:3) F300 (4p - 34°) | Inlet | 72    | 77     | 85     | 90     | 92      | 93      | 95      | 90      | 100   |
| HMFx 112 T4/T6 (A6:3) F300 (4p - 36°) | Inlet | 73    | 78     | 85     | 90     | 92      | 93      | 95      | 90      | 100   |
| HMFx 112 T4/T6 (A6:3) F300 (4p - 38°) | Inlet | 73    | 78     | 86     | 91     | 93      | 94      | 95      | 90      | 100   |
| HMFx 112 T4/T6 (A6:3) F300 (4p - 40°) | Inlet | 73    | 79     | 86     | 91     | 93      | 94      | 95      | 90      | 100   |
| HMFx 112 T4/T6 (A6:3) F300 (4p - 42°) | Inlet | 73    | 79     | 85     | 91     | 94      | 95      | 95      | 90      | 101   |
| HMFx 112 T4/T6 (A6:6) F300 (6p - 20°) | Inlet | 69    | 75     | 82     | 87     | 89      | 90      | 90      | 86      | 96    |
| HMFx 112 T4/T6 (A6:6) F300 (6p - 22°) | Inlet | 61    | 72     | 78     | 89     | 90      | 88      | 90      | 84      | 96    |
| HMFx 112 T4/T6 (A6:6) F300 (6p - 24°) | Inlet | 61    | 72     | 78     | 88     | 89      | 88      | 89      | 84      | 95    |
| HMFx 112 T4/T6 (A6:6) F300 (6p - 26°) | Inlet | 62    | 71     | 77     | 87     | 88      | 88      | 89      | 83      | 94    |
| HMFx 112 T4/T6 (A6:6) F300 (6p - 28°) | Inlet | 64    | 72     | 78     | 87     | 88      | 88      | 89      | 83      | 94    |
| HMFx 112 T4/T6 (A6:6) F300 (6p - 30°) | Inlet | 65    | 73     | 78     | 86     | 88      | 89      | 89      | 83      | 95    |
| HMFx 112 T4/T6 (A6:6) F300 (6p - 32°) | Inlet | 66    | 73     | 78     | 85     | 87      | 88      | 89      | 82      | 94    |
| HMFx 112 T4/T6 (A6:6) F300 (6p - 34°) | Inlet | 65    | 72     | 78     | 84     | 86      | 88      | 88      | 81      | 93    |
| HMFx 112 T4/T6 (A6:6) F300 (6p - 36°) | Inlet | 65    | 72     | 78     | 82     | 85      | 87      | 87      | 80      | 92    |
| HMFx 112 T4/T6 (A6:6) F300 (4p - 20°) | Inlet | 78    | 84     | 91     | 96     | 99      | 100     | 99      | 95      | 105   |
| HMFx 112 T4/T6 (A6:6) F300 (4p - 22°) | Inlet | 70    | 81     | 87     | 98     | 99      | 98      | 99      | 94      | 105   |
| HMFx 112 T4/T6 (A6:6) F300 (4p - 24°) | Inlet | 71    | 81     | 87     | 97     | 98      | 98      | 99      | 93      | 104   |
| HMFx 112 T4/T6 (A6:6) F300 (4p - 26°) | Inlet | 71    | 81     | 87     | 96     | 97      | 97      | 98      | 92      | 104   |
| HMFx 112 T4/T6 (A6:6) F300 (4p - 28°) | Inlet | 73    | 81     | 87     | 96     | 97      | 98      | 98      | 92      | 104   |
| HMFx 112 T4/T6 (A6:6) F300 (4p - 30°) | Inlet | 74    | 82     | 88     | 95     | 97      | 98      | 98      | 92      | 104   |

| Sound power Lw dB (A)                 |       |       |        |        |        |         |         |         |         |       |
|---------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                 |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 112 T4/T6 (A6:6) F300 (4p - 32°) | Inlet | 75    | 82     | 87     | 94     | 96      | 98      | 98      | 91      | 103   |
| HMFx 112 T4/T6 (A6:6) F300 (4p - 34°) | Inlet | 74    | 82     | 87     | 93     | 95      | 97      | 97      | 90      | 102   |
| HMFx 112 T4/T6 (A6:6) F300 (4p - 36°) | Inlet | 74    | 81     | 87     | 91     | 94      | 96      | 97      | 89      | 102   |
| HMFx 125 T4/T6 (A6:3) F300 (6p - 20°) | Inlet | 71    | 78     | 84     | 87     | 90      | 91      | 91      | 85      | 96    |
| HMFx 125 T4/T6 (A6:3) F300 (6p - 22°) | Inlet | 61    | 70     | 79     | 85     | 88      | 88      | 90      | 88      | 95    |
| HMFx 125 T4/T6 (A6:3) F300 (6p - 24°) | Inlet | 62    | 71     | 79     | 85     | 88      | 89      | 90      | 88      | 95    |
| HMFx 125 T4/T6 (A6:3) F300 (6p - 26°) | Inlet | 63    | 72     | 80     | 85     | 89      | 89      | 90      | 88      | 96    |
| HMFx 125 T4/T6 (A6:3) F300 (6p - 28°) | Inlet | 65    | 73     | 81     | 86     | 89      | 89      | 91      | 88      | 96    |
| HMFx 125 T4/T6 (A6:3) F300 (6p - 30°) | Inlet | 66    | 74     | 81     | 86     | 89      | 89      | 91      | 88      | 96    |
| HMFx 125 T4/T6 (A6:3) F300 (6p - 32°) | Inlet | 67    | 74     | 82     | 86     | 89      | 89      | 91      | 88      | 96    |
| HMFx 125 T4/T6 (A6:3) F300 (6p - 34°) | Inlet | 67    | 74     | 82     | 86     | 89      | 89      | 90      | 87      | 96    |
| HMFx 125 T4/T6 (A6:3) F300 (6p - 36°) | Inlet | 67    | 74     | 81     | 85     | 88      | 88      | 89      | 86      | 95    |
| HMFx 125 T4/T6 (A6:3) F300 (4p - 20°) | Inlet | 80    | 87     | 93     | 96     | 99      | 100     | 100     | 94      | 106   |
| HMFx 125 T4/T6 (A6:3) F300 (4p - 22°) | Inlet | 70    | 80     | 88     | 94     | 97      | 98      | 99      | 98      | 104   |
| HMFx 125 T4/T6 (A6:3) F300 (4p - 24°) | Inlet | 71    | 81     | 89     | 94     | 98      | 98      | 99      | 97      | 105   |
| HMFx 125 T4/T6 (A6:3) F300 (4p - 26°) | Inlet | 73    | 81     | 89     | 94     | 98      | 98      | 100     | 97      | 105   |
| HMFx 125 T4/T6 (A6:3) F300 (4p - 28°) | Inlet | 74    | 82     | 90     | 95     | 98      | 98      | 100     | 97      | 105   |
| HMFx 125 T4/T6 (A6:3) F300 (4p - 30°) | Inlet | 75    | 83     | 91     | 95     | 98      | 98      | 100     | 97      | 105   |
| HMFx 125 T4/T6 (A6:3) F300 (4p - 32°) | Inlet | 76    | 83     | 91     | 95     | 98      | 98      | 100     | 97      | 105   |
| HMFx 125 T4/T6 (A6:3) F300 (4p - 34°) | Inlet | 76    | 83     | 91     | 95     | 98      | 98      | 100     | 96      | 105   |
| HMFx 125 T4/T6 (A6:3) F300 (4p - 36°) | Inlet | 76    | 83     | 91     | 95     | 97      | 97      | 98      | 95      | 104   |
| HMFx 125 T4/T6 (A6:6) F300 (6p - 20°) | Inlet | 65    | 73     | 78     | 82     | 85      | 88      | 88      | 81      | 93    |

| Sound power Lw dB (A)                 |       |       |        |        |        |         |         |         |         |       |
|---------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                 |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFX 125 T4/T6 (A6:6) F300 (6p - 22°) | Inlet | 62    | 74     | 80     | 87     | 91      | 91      | 91      | 88      | 97    |
| HMFX 125 T4/T6 (A6:6) F300 (6p - 24°) | Inlet | 64    | 75     | 81     | 88     | 92      | 91      | 92      | 89      | 98    |
| HMFX 125 T4/T6 (A6:6) F300 (6p - 26°) | Inlet | 66    | 76     | 81     | 88     | 92      | 92      | 93      | 89      | 99    |
| HMFX 125 T4/T6 (A6:6) F300 (6p - 28°) | Inlet | 68    | 77     | 83     | 89     | 93      | 92      | 94      | 89      | 99    |
| HMFX 125 T4/T6 (A6:6) F300 (6p - 30°) | Inlet | 70    | 78     | 84     | 90     | 93      | 93      | 95      | 90      | 100   |
| HMFX 125 T4/T6 (A6:6) F300 (4p - 20°) | Inlet | 34    | 40     | 48     | 51     | 55      | 57      | 57      | 51      | 62    |
| HMFX 125 T4/T6 (A6:6) F300 (4p - 22°) | Inlet | 72    | 83     | 89     | 96     | 100     | 100     | 100     | 97      | 106   |
| HMFX 125 T4/T6 (A6:6) F300 (4p - 24°) | Inlet | 73    | 84     | 90     | 97     | 101     | 101     | 101     | 98      | 107   |
| HMFX 125 T4/T6 (A6:6) F300 (4p - 26°) | Inlet | 75    | 85     | 91     | 97     | 101     | 102     | 102     | 98      | 108   |
| HMFX 125 T4/T6 (A6:6) F300 (4p - 28°) | Inlet | 77    | 86     | 92     | 98     | 102     | 102     | 103     | 98      | 108   |
| HMFX 125 T4/T6 (A6:6) F300 (4p - 30°) | Inlet | 79    | 87     | 93     | 99     | 102     | 103     | 104     | 99      | 109   |

## Sound / 4/8 poles

| Sound power Lw dB (A)                  |       |       |        |        |        |         |         |         |         |       |
|----------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                  |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFX 45 T4/T8 (A2:6) F300 (8p - 20°)   | Inlet | 32    | 38     | 52     | 52     | 55      | 56      | 57      | 51      | 62    |
| HMFX 45 T4/T8 (A2:6) F300 (8p - 25°)   | Inlet | 23    | 33     | 44     | 52     | 56      | 54      | 55      | 50      | 61    |
| HMFX 45 T4/T8 (A2:6) F300 (8p - 27,5°) | Inlet | 28    | 37     | 46     | 52     | 55      | 55      | 56      | 51      | 61    |
| HMFX 45 T4/T8 (A2:6) F300 (8p - 30°)   | Inlet | 29    | 37     | 45     | 51     | 54      | 54      | 55      | 50      | 61    |
| HMFX 45 T4/T8 (A2:6) F300 (8p - 32,5°) | Inlet | 30    | 38     | 44     | 49     | 52      | 53      | 54      | 48      | 59    |
| HMFX 45 T4/T8 (A2:6) F300 (8p - 35°)   | Inlet | 31    | 38     | 44     | 49     | 51      | 53      | 54      | 48      | 59    |
| HMFX 45 T4/T8 (A2:6) F300 (8p - 37,5°) | Inlet | 31    | 38     | 44     | 48     | 51      | 52      | 53      | 47      | 58    |
| HMFX 45 T4/T8 (A2:6) F300 (8p - 40°)   | Inlet | 31    | 39     | 44     | 48     | 51      | 53      | 53      | 47      | 58    |

| Sound power Lw dB (A)                  |       |       |        |        |        |         |         |         |         |       |
|----------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                  |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 45 T4/T8 (A2:6) F300 (8p - 42,5°) | Inlet | 32    | 39     | 44     | 48     | 51      | 53      | 53      | 47      | 58    |
| HMFx 45 T4/T8 (A2:6) F300 (8p - 45°)   | Inlet | 34    | 40     | 47     | 50     | 54      | 56      | 56      | 50      | 61    |
| HMFx 45 T4/T8 (A2:6) F300 (4p - 20°)   | Inlet | 47    | 54     | 68     | 67     | 71      | 72      | 72      | 66      | 78    |
| HMFx 45 T4/T8 (A2:6) F300 (4p - 25°)   | Inlet | 39    | 49     | 60     | 67     | 72      | 70      | 70      | 66      | 77    |
| HMFx 45 T4/T8 (A2:6) F300 (4p - 27,5°) | Inlet | 44    | 53     | 61     | 68     | 71      | 71      | 72      | 67      | 77    |
| HMFx 45 T4/T8 (A2:6) F300 (4p - 30°)   | Inlet | 45    | 53     | 61     | 67     | 70      | 70      | 71      | 66      | 76    |
| HMFx 45 T4/T8 (A2:6) F300 (4p - 32,5°) | Inlet | 46    | 53     | 60     | 65     | 67      | 69      | 70      | 64      | 75    |
| HMFx 45 T4/T8 (A2:6) F300 (4p - 35°)   | Inlet | 47    | 54     | 60     | 64     | 67      | 68      | 70      | 64      | 74    |
| HMFx 45 T4/T8 (A2:6) F300 (4p - 37,5°) | Inlet | 47    | 54     | 59     | 64     | 66      | 68      | 69      | 63      | 74    |
| HMFx 45 T4/T8 (A2:6) F300 (4p - 40°)   | Inlet | 47    | 54     | 60     | 64     | 67      | 68      | 69      | 63      | 74    |
| HMFx 45 T4/T8 (A2:6) F300 (4p - 42,5°) | Inlet | 48    | 55     | 60     | 64     | 67      | 69      | 69      | 63      | 74    |
| HMFx 45 T4/T8 (A2:6) F300 (4p - 45°)   | Inlet | 49    | 55     | 63     | 66     | 69      | 71      | 72      | 65      | 77    |
| HMFx 45 T4/T8 (A2:9) F300 (8p - 20°)   | Inlet | 37    | 43     | 51     | 54     | 58      | 60      | 60      | 54      | 65    |
| HMFx 45 T4/T8 (A2:9) F300 (8p - 25°)   | Inlet | 33    | 40     | 47     | 51     | 56      | 57      | 56      | 48      | 62    |
| HMFx 45 T4/T8 (A2:9) F300 (8p - 27,5°) | Inlet | 32    | 39     | 47     | 52     | 56      | 56      | 57      | 50      | 62    |
| HMFx 45 T4/T8 (A2:9) F300 (8p - 30°)   | Inlet | 31    | 38     | 47     | 52     | 56      | 56      | 57      | 50      | 62    |
| HMFx 45 T4/T8 (A2:9) F300 (8p - 32,5°) | Inlet | 30    | 37     | 47     | 51     | 55      | 55      | 56      | 50      | 61    |
| HMFx 45 T4/T8 (A2:9) F300 (8p - 35°)   | Inlet | 30    | 37     | 47     | 51     | 55      | 55      | 57      | 51      | 62    |
| HMFx 45 T4/T8 (A2:9) F300 (8p - 37,5°) | Inlet | 30    | 37     | 47     | 52     | 56      | 56      | 58      | 52      | 62    |
| HMFx 45 T4/T8 (A2:9) F300 (8p - 40°)   | Inlet | 30    | 37     | 48     | 51     | 55      | 55      | 57      | 51      | 62    |
| HMFx 45 T4/T8 (A2:9) F300 (8p - 42,5°) | Inlet | 30    | 37     | 48     | 50     | 54      | 55      | 56      | 50      | 61    |
| HMFx 45 T4/T8 (A2:9) F300 (8p - 45°)   | Inlet | 31    | 38     | 51     | 51     | 55      | 55      | 57      | 50      | 62    |

| Sound power Lw dB (A)                  |       |       |        |        |        |         |         |         |         |       |
|----------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                  |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 45 T4/T8 (A2:9) F300 (4p - 20°)   | Inlet | 53    | 59     | 67     | 70     | 74      | 76      | 76      | 70      | 81    |
| HMFx 45 T4/T8 (A2:9) F300 (4p - 25°)   | Inlet | 49    | 56     | 63     | 67     | 72      | 72      | 72      | 64      | 78    |
| HMFx 45 T4/T8 (A2:9) F300 (4p - 27,5°) | Inlet | 48    | 55     | 63     | 68     | 72      | 72      | 73      | 66      | 78    |
| HMFx 45 T4/T8 (A2:9) F300 (4p - 30°)   | Inlet | 47    | 54     | 63     | 68     | 72      | 72      | 72      | 66      | 78    |
| HMFx 45 T4/T8 (A2:9) F300 (4p - 32,5°) | Inlet | 46    | 53     | 62     | 67     | 71      | 71      | 72      | 66      | 77    |
| HMFx 45 T4/T8 (A2:9) F300 (4p - 35°)   | Inlet | 46    | 53     | 63     | 67     | 71      | 71      | 73      | 67      | 78    |
| HMFx 45 T4/T8 (A2:9) F300 (4p - 37,5°) | Inlet | 46    | 53     | 63     | 67     | 72      | 72      | 73      | 68      | 78    |
| HMFx 45 T4/T8 (A2:9) F300 (4p - 40°)   | Inlet | 46    | 53     | 64     | 67     | 70      | 71      | 73      | 67      | 77    |
| HMFx 45 T4/T8 (A2:9) F300 (4p - 42,5°) | Inlet | 45    | 53     | 64     | 66     | 70      | 71      | 72      | 66      | 77    |
| HMFx 45 T4/T8 (A2:9) F300 (4p - 45°)   | Inlet | 47    | 54     | 67     | 67     | 70      | 71      | 72      | 66      | 78    |
| HMFx 50 T4/T8 (A2:6) F300 (8p - 20°)   | Inlet | 35    | 42     | 56     | 55     | 58      | 59      | 60      | 54      | 65    |
| HMFx 50 T4/T8 (A2:6) F300 (8p - 25°)   | Inlet | 27    | 37     | 48     | 55     | 59      | 57      | 58      | 54      | 64    |
| HMFx 50 T4/T8 (A2:6) F300 (8p - 27,5°) | Inlet | 32    | 41     | 50     | 56     | 59      | 59      | 60      | 55      | 65    |
| HMFx 50 T4/T8 (A2:6) F300 (8p - 30°)   | Inlet | 33    | 41     | 49     | 55     | 58      | 58      | 59      | 54      | 65    |
| HMFx 50 T4/T8 (A2:6) F300 (8p - 32,5°) | Inlet | 35    | 42     | 48     | 54     | 56      | 58      | 59      | 53      | 64    |
| HMFx 50 T4/T8 (A2:6) F300 (8p - 35°)   | Inlet | 36    | 43     | 48     | 53     | 55      | 57      | 58      | 52      | 63    |
| HMFx 50 T4/T8 (A2:6) F300 (8p - 37,5°) | Inlet | 35    | 42     | 48     | 52     | 55      | 56      | 58      | 51      | 62    |
| HMFx 50 T4/T8 (A2:6) F300 (8p - 40°)   | Inlet | 35    | 43     | 48     | 52     | 55      | 57      | 57      | 51      | 62    |
| HMFx 50 T4/T8 (A2:6) F300 (8p - 42,5°) | Inlet | 36    | 43     | 48     | 52     | 55      | 57      | 57      | 51      | 62    |
| HMFx 50 T4/T8 (A2:6) F300 (8p - 45°)   | Inlet | 37    | 43     | 50     | 54     | 57      | 59      | 59      | 53      | 65    |
| HMFx 50 T4/T8 (A2:6) F300 (4p - 20°)   | Inlet | 51    | 57     | 71     | 71     | 74      | 75      | 76      | 70      | 81    |
| HMFx 50 T4/T8 (A2:6) F300 (4p - 25°)   | Inlet | 42    | 53     | 64     | 71     | 75      | 73      | 74      | 69      | 80    |

| Sound power Lw dB (A)                  |       |       |        |        |        |         |         |         |         |       |
|----------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                  |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 50 T4/T8 (A2:6) F300 (4p - 27,5°) | Inlet | 48    | 57     | 65     | 72     | 75      | 75      | 76      | 70      | 81    |
| HMFx 50 T4/T8 (A2:6) F300 (4p - 30°)   | Inlet | 49    | 57     | 65     | 71     | 74      | 74      | 75      | 70      | 80    |
| HMFx 50 T4/T8 (A2:6) F300 (4p - 32,5°) | Inlet | 51    | 58     | 64     | 70     | 72      | 74      | 74      | 69      | 79    |
| HMFx 50 T4/T8 (A2:6) F300 (4p - 35°)   | Inlet | 51    | 58     | 64     | 69     | 71      | 73      | 74      | 68      | 79    |
| HMFx 50 T4/T8 (A2:6) F300 (4p - 37,5°) | Inlet | 51    | 58     | 64     | 68     | 71      | 72      | 73      | 67      | 78    |
| HMFx 50 T4/T8 (A2:6) F300 (4p - 40°)   | Inlet | 51    | 58     | 64     | 68     | 71      | 73      | 73      | 67      | 78    |
| HMFx 50 T4/T8 (A2:6) F300 (4p - 42,5°) | Inlet | 52    | 59     | 64     | 68     | 71      | 73      | 73      | 67      | 78    |
| HMFx 50 T4/T8 (A2:6) F300 (4p - 45°)   | Inlet | 53    | 59     | 66     | 69     | 73      | 75      | 75      | 69      | 80    |
| HMFx 50 T4/T8 (A2:9) F300 (8p - 20°)   | Inlet | 41    | 45     | 53     | 57     | 60      | 62      | 61      | 56      | 67    |
| HMFx 50 T4/T8 (A2:9) F300 (8p - 25°)   | Inlet | 36    | 43     | 50     | 55     | 59      | 60      | 59      | 51      | 65    |
| HMFx 50 T4/T8 (A2:9) F300 (8p - 27,5°) | Inlet | 36    | 43     | 51     | 56     | 60      | 60      | 60      | 54      | 66    |
| HMFx 50 T4/T8 (A2:9) F300 (8p - 30°)   | Inlet | 35    | 42     | 51     | 56     | 60      | 60      | 60      | 54      | 66    |
| HMFx 50 T4/T8 (A2:9) F300 (8p - 32,5°) | Inlet | 34    | 41     | 50     | 55     | 59      | 59      | 60      | 54      | 65    |
| HMFx 50 T4/T8 (A2:9) F300 (8p - 35°)   | Inlet | 34    | 41     | 50     | 55     | 59      | 59      | 61      | 55      | 65    |
| HMFx 50 T4/T8 (A2:9) F300 (8p - 37,5°) | Inlet | 34    | 40     | 51     | 55     | 59      | 59      | 61      | 56      | 66    |
| HMFx 50 T4/T8 (A2:9) F300 (8p - 40°)   | Inlet | 33    | 40     | 51     | 55     | 58      | 59      | 61      | 55      | 65    |
| HMFx 50 T4/T8 (A2:9) F300 (8p - 42,5°) | Inlet | 33    | 41     | 52     | 54     | 58      | 58      | 60      | 54      | 65    |
| HMFx 50 T4/T8 (A2:9) F300 (8p - 45°)   | Inlet | 34    | 41     | 55     | 55     | 58      | 59      | 60      | 54      | 65    |
| HMFx 50 T4/T8 (A2:9) F300 (4p - 20°)   | Inlet | 57    | 61     | 69     | 72     | 76      | 78      | 77      | 71      | 83    |
| HMFx 50 T4/T8 (A2:9) F300 (4p - 25°)   | Inlet | 52    | 59     | 66     | 70     | 75      | 75      | 75      | 67      | 81    |
| HMFx 50 T4/T8 (A2:9) F300 (4p - 27,5°) | Inlet | 51    | 59     | 67     | 71     | 76      | 76      | 76      | 69      | 82    |
| HMFx 50 T4/T8 (A2:9) F300 (4p - 30°)   | Inlet | 51    | 58     | 67     | 71     | 75      | 76      | 76      | 70      | 81    |

| Sound power Lw dB (A)                  |       |       |        |        |        |         |         |         |         |       |
|----------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                  |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 50 T4/T8 (A2:9) F300 (4p - 32,5°) | Inlet | 50    | 57     | 66     | 71     | 75      | 75      | 76      | 70      | 81    |
| HMFx 50 T4/T8 (A2:9) F300 (4p - 35°)   | Inlet | 50    | 56     | 66     | 71     | 75      | 75      | 76      | 71      | 81    |
| HMFx 50 T4/T8 (A2:9) F300 (4p - 37,5°) | Inlet | 49    | 56     | 66     | 71     | 75      | 75      | 77      | 71      | 82    |
| HMFx 50 T4/T8 (A2:9) F300 (4p - 40°)   | Inlet | 49    | 56     | 67     | 70     | 74      | 75      | 76      | 70      | 81    |
| HMFx 50 T4/T8 (A2:9) F300 (4p - 42,5°) | Inlet | 49    | 56     | 68     | 70     | 73      | 74      | 76      | 70      | 81    |
| HMFx 50 T4/T8 (A2:9) F300 (4p - 45°)   | Inlet | 50    | 57     | 70     | 70     | 74      | 75      | 76      | 70      | 81    |
| HMFx 56 T4/T8 (A2:6) F300 (8p - 20°)   | Inlet | 38    | 45     | 56     | 58     | 61      | 62      | 63      | 57      | 68    |
| HMFx 56 T4/T8 (A2:6) F300 (8p - 25°)   | Inlet | 31    | 39     | 49     | 58     | 60      | 60      | 61      | 56      | 66    |
| HMFx 56 T4/T8 (A2:6) F300 (8p - 27,5°) | Inlet | 34    | 42     | 51     | 58     | 60      | 61      | 62      | 57      | 67    |
| HMFx 56 T4/T8 (A2:6) F300 (8p - 30°)   | Inlet | 35    | 43     | 51     | 57     | 59      | 60      | 61      | 56      | 66    |
| HMFx 56 T4/T8 (A2:6) F300 (8p - 32,5°) | Inlet | 36    | 43     | 50     | 56     | 58      | 59      | 60      | 55      | 65    |
| HMFx 56 T4/T8 (A2:6) F300 (8p - 35°)   | Inlet | 37    | 44     | 50     | 55     | 58      | 60      | 60      | 55      | 65    |
| HMFx 56 T4/T8 (A2:6) F300 (8p - 37,5°) | Inlet | 37    | 44     | 50     | 55     | 57      | 60      | 60      | 55      | 65    |
| HMFx 56 T4/T8 (A2:6) F300 (8p - 40°)   | Inlet | 38    | 45     | 50     | 56     | 58      | 60      | 60      | 54      | 65    |
| HMFx 56 T4/T8 (A2:6) F300 (8p - 42,5°) | Inlet | 39    | 46     | 51     | 56     | 58      | 60      | 61      | 54      | 66    |
| HMFx 56 T4/T8 (A2:6) F300 (8p - 45°)   | Inlet | 40    | 45     | 53     | 56     | 59      | 61      | 61      | 55      | 67    |
| HMFx 56 T4/T8 (A2:6) F300 (4p - 20°)   | Inlet | 54    | 60     | 72     | 74     | 77      | 78      | 78      | 73      | 84    |
| HMFx 56 T4/T8 (A2:6) F300 (4p - 25°)   | Inlet | 46    | 55     | 65     | 74     | 76      | 76      | 77      | 72      | 82    |
| HMFx 56 T4/T8 (A2:6) F300 (4p - 27,5°) | Inlet | 50    | 58     | 67     | 74     | 76      | 77      | 78      | 72      | 83    |
| HMFx 56 T4/T8 (A2:6) F300 (4p - 30°)   | Inlet | 51    | 58     | 66     | 73     | 75      | 76      | 77      | 72      | 82    |
| HMFx 56 T4/T8 (A2:6) F300 (4p - 32,5°) | Inlet | 52    | 59     | 66     | 71     | 74      | 75      | 76      | 71      | 81    |
| HMFx 56 T4/T8 (A2:6) F300 (4p - 35°)   | Inlet | 53    | 60     | 66     | 71     | 73      | 75      | 76      | 70      | 81    |

| Sound power Lw dB (A)                  |       |       |        |        |        |         |         |         |         |       |
|----------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                  |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 56 T4/T8 (A2:6) F300 (4p - 37,5°) | Inlet | 53    | 60     | 65     | 71     | 73      | 76      | 76      | 70      | 81    |
| HMFx 56 T4/T8 (A2:6) F300 (4p - 40°)   | Inlet | 54    | 61     | 66     | 71     | 74      | 76      | 76      | 70      | 81    |
| HMFx 56 T4/T8 (A2:6) F300 (4p - 42,5°) | Inlet | 54    | 62     | 67     | 72     | 74      | 76      | 77      | 70      | 82    |
| HMFx 56 T4/T8 (A2:6) F300 (4p - 45°)   | Inlet | 56    | 61     | 69     | 72     | 75      | 77      | 77      | 71      | 82    |
| HMFx 56 T4/T8 (A2:9) F300 (8p - 20°)   | Inlet | 43    | 47     | 56     | 59     | 63      | 63      | 63      | 57      | 69    |
| HMFx 56 T4/T8 (A2:9) F300 (8p - 25°)   | Inlet | 38    | 43     | 52     | 58     | 61      | 61      | 61      | 54      | 67    |
| HMFx 56 T4/T8 (A2:9) F300 (8p - 27,5°) | Inlet | 38    | 43     | 52     | 58     | 61      | 61      | 62      | 55      | 67    |
| HMFx 56 T4/T8 (A2:9) F300 (8p - 30°)   | Inlet | 38    | 43     | 52     | 58     | 61      | 61      | 62      | 56      | 67    |
| HMFx 56 T4/T8 (A2:9) F300 (8p - 32,5°) | Inlet | 38    | 44     | 53     | 58     | 61      | 62      | 63      | 57      | 68    |
| HMFx 56 T4/T8 (A2:9) F300 (8p - 35°)   | Inlet | 38    | 44     | 53     | 58     | 61      | 62      | 63      | 58      | 68    |
| HMFx 56 T4/T8 (A2:9) F300 (8p - 37,5°) | Inlet | 37    | 43     | 53     | 58     | 61      | 62      | 64      | 58      | 68    |
| HMFx 56 T4/T8 (A2:9) F300 (8p - 40°)   | Inlet | 37    | 44     | 53     | 57     | 61      | 62      | 63      | 57      | 68    |
| HMFx 56 T4/T8 (A2:9) F300 (8p - 42,5°) | Inlet | 37    | 44     | 54     | 57     | 61      | 62      | 63      | 57      | 68    |
| HMFx 56 T4/T8 (A2:9) F300 (8p - 45°)   | Inlet | 38    | 44     | 55     | 58     | 61      | 62      | 63      | 57      | 68    |
| HMFx 56 T4/T8 (A2:9) F300 (4p - 20°)   | Inlet | 59    | 63     | 71     | 75     | 78      | 79      | 79      | 73      | 85    |
| HMFx 56 T4/T8 (A2:9) F300 (4p - 25°)   | Inlet | 54    | 59     | 68     | 74     | 77      | 77      | 77      | 69      | 83    |
| HMFx 56 T4/T8 (A2:9) F300 (4p - 27,5°) | Inlet | 54    | 59     | 68     | 73     | 77      | 77      | 78      | 71      | 83    |
| HMFx 56 T4/T8 (A2:9) F300 (4p - 30°)   | Inlet | 54    | 59     | 68     | 74     | 77      | 77      | 78      | 72      | 83    |
| HMFx 56 T4/T8 (A2:9) F300 (4p - 32,5°) | Inlet | 54    | 59     | 68     | 74     | 77      | 78      | 79      | 73      | 84    |
| HMFx 56 T4/T8 (A2:9) F300 (4p - 35°)   | Inlet | 53    | 59     | 69     | 74     | 77      | 78      | 79      | 73      | 84    |
| HMFx 56 T4/T8 (A2:9) F300 (4p - 37,5°) | Inlet | 53    | 59     | 69     | 74     | 77      | 78      | 79      | 73      | 84    |
| HMFx 56 T4/T8 (A2:9) F300 (4p - 40°)   | Inlet | 53    | 60     | 69     | 73     | 77      | 78      | 79      | 73      | 84    |

| Sound power Lw dB (A)                  |       |       |        |        |        |         |         |         |         |       |
|----------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                  |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 56 T4/T8 (A2:9) F300 (4p - 42,5°) | Inlet | 53    | 60     | 70     | 73     | 77      | 77      | 78      | 73      | 83    |
| HMFx 56 T4/T8 (A2:9) F300 (4p - 45°)   | Inlet | 54    | 60     | 71     | 73     | 77      | 78      | 78      | 73      | 84    |
| HMFx 63 T4/T8 (A2:6) F300 (8p - 20°)   | Inlet | 42    | 49     | 55     | 60     | 63      | 65      | 65      | 60      | 71    |
| HMFx 63 T4/T8 (A2:6) F300 (8p - 25°)   | Inlet | 33    | 37     | 49     | 58     | 59      | 58      | 60      | 55      | 65    |
| HMFx 63 T4/T8 (A2:6) F300 (8p - 27,5°) | Inlet | 37    | 42     | 52     | 60     | 61      | 62      | 63      | 58      | 68    |
| HMFx 63 T4/T8 (A2:6) F300 (8p - 30°)   | Inlet | 37    | 43     | 52     | 59     | 61      | 62      | 63      | 58      | 68    |
| HMFx 63 T4/T8 (A2:6) F300 (8p - 32,5°) | Inlet | 38    | 45     | 52     | 58     | 60      | 62      | 62      | 58      | 68    |
| HMFx 63 T4/T8 (A2:6) F300 (8p - 35°)   | Inlet | 38    | 46     | 51     | 58     | 60      | 62      | 62      | 57      | 67    |
| HMFx 63 T4/T8 (A2:6) F300 (8p - 37,5°) | Inlet | 38    | 45     | 50     | 57     | 59      | 62      | 62      | 56      | 67    |
| HMFx 63 T4/T8 (A2:6) F300 (8p - 40°)   | Inlet | 39    | 46     | 52     | 58     | 60      | 62      | 62      | 56      | 67    |
| HMFx 63 T4/T8 (A2:6) F300 (8p - 42,5°) | Inlet | 40    | 47     | 53     | 58     | 60      | 62      | 62      | 57      | 68    |
| HMFx 63 T4/T8 (A2:6) F300 (8p - 45°)   | Inlet | 42    | 47     | 55     | 59     | 62      | 63      | 63      | 57      | 69    |
| HMFx 63 T4/T8 (A2:6) F300 (4p - 20°)   | Inlet | 58    | 65     | 70     | 76     | 79      | 81      | 81      | 76      | 86    |
| HMFx 63 T4/T8 (A2:6) F300 (4p - 25°)   | Inlet | 49    | 52     | 65     | 74     | 74      | 74      | 76      | 71      | 81    |
| HMFx 63 T4/T8 (A2:6) F300 (4p - 27,5°) | Inlet | 53    | 58     | 68     | 76     | 77      | 78      | 79      | 74      | 84    |
| HMFx 63 T4/T8 (A2:6) F300 (4p - 30°)   | Inlet | 53    | 59     | 68     | 75     | 77      | 78      | 79      | 74      | 84    |
| HMFx 63 T4/T8 (A2:6) F300 (4p - 32,5°) | Inlet | 54    | 61     | 68     | 74     | 76      | 78      | 78      | 73      | 84    |
| HMFx 63 T4/T8 (A2:6) F300 (4p - 35°)   | Inlet | 54    | 61     | 67     | 73     | 76      | 78      | 78      | 73      | 83    |
| HMFx 63 T4/T8 (A2:6) F300 (4p - 37,5°) | Inlet | 54    | 61     | 66     | 73     | 75      | 78      | 78      | 72      | 83    |
| HMFx 63 T4/T8 (A2:6) F300 (4p - 40°)   | Inlet | 55    | 62     | 67     | 73     | 76      | 78      | 78      | 72      | 83    |
| HMFx 63 T4/T8 (A2:6) F300 (4p - 42,5°) | Inlet | 56    | 62     | 69     | 74     | 76      | 78      | 78      | 72      | 84    |
| HMFx 63 T4/T8 (A2:6) F300 (4p - 45°)   | Inlet | 58    | 63     | 70     | 75     | 78      | 79      | 79      | 73      | 84    |

| Sound power Lw dB (A)                  |       |       |        |        |        |         |         |         |         |       |
|----------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                  |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 63 T4/T8 (A2:9) F300 (8p - 20°)   | Inlet | 46    | 50     | 59     | 62     | 65      | 66      | 65      | 59      | 71    |
| HMFx 63 T4/T8 (A2:9) F300 (8p - 25°)   | Inlet | 42    | 45     | 56     | 61     | 63      | 63      | 64      | 58      | 70    |
| HMFx 63 T4/T8 (A2:9) F300 (8p - 27,5°) | Inlet | 42    | 46     | 55     | 61     | 63      | 63      | 64      | 59      | 70    |
| HMFx 63 T4/T8 (A2:9) F300 (8p - 30°)   | Inlet | 42    | 46     | 55     | 61     | 63      | 64      | 65      | 59      | 70    |
| HMFx 63 T4/T8 (A2:9) F300 (8p - 32,5°) | Inlet | 42    | 47     | 55     | 61     | 63      | 65      | 66      | 60      | 71    |
| HMFx 63 T4/T8 (A2:9) F300 (8p - 35°)   | Inlet | 42    | 47     | 55     | 61     | 63      | 65      | 66      | 60      | 71    |
| HMFx 63 T4/T8 (A2:9) F300 (8p - 37,5°) | Inlet | 41    | 48     | 55     | 61     | 64      | 65      | 66      | 60      | 71    |
| HMFx 63 T4/T8 (A2:9) F300 (8p - 40°)   | Inlet | 42    | 48     | 55     | 61     | 64      | 65      | 66      | 60      | 71    |
| HMFx 63 T4/T8 (A2:9) F300 (8p - 42,5°) | Inlet | 42    | 48     | 54     | 60     | 64      | 65      | 65      | 60      | 71    |
| HMFx 63 T4/T8 (A2:9) F300 (8p - 45°)   | Inlet | 42    | 49     | 54     | 60     | 63      | 65      | 65      | 60      | 71    |
| HMFx 63 T4/T8 (A2:9) F300 (4p - 20°)   | Inlet | 62    | 66     | 75     | 78     | 81      | 82      | 81      | 75      | 87    |
| HMFx 63 T4/T8 (A2:9) F300 (4p - 25°)   | Inlet | 57    | 60     | 72     | 77     | 79      | 78      | 80      | 74      | 85    |
| HMFx 63 T4/T8 (A2:9) F300 (4p - 27,5°) | Inlet | 57    | 61     | 71     | 77     | 79      | 79      | 80      | 75      | 85    |
| HMFx 63 T4/T8 (A2:9) F300 (4p - 30°)   | Inlet | 58    | 62     | 71     | 77     | 79      | 80      | 81      | 75      | 86    |
| HMFx 63 T4/T8 (A2:9) F300 (4p - 32,5°) | Inlet | 58    | 63     | 71     | 77     | 79      | 80      | 81      | 76      | 86    |
| HMFx 63 T4/T8 (A2:9) F300 (4p - 35°)   | Inlet | 58    | 63     | 71     | 77     | 79      | 81      | 82      | 76      | 87    |
| HMFx 63 T4/T8 (A2:9) F300 (4p - 37,5°) | Inlet | 57    | 64     | 71     | 77     | 80      | 81      | 82      | 76      | 87    |
| HMFx 63 T4/T8 (A2:9) F300 (4p - 40°)   | Inlet | 57    | 64     | 71     | 77     | 79      | 81      | 81      | 76      | 87    |
| HMFx 63 T4/T8 (A2:9) F300 (4p - 42,5°) | Inlet | 58    | 64     | 70     | 76     | 79      | 81      | 81      | 76      | 86    |
| HMFx 63 T4/T8 (A2:9) F300 (4p - 45°)   | Inlet | 58    | 64     | 70     | 76     | 79      | 81      | 81      | 76      | 86    |
| HMFx 71 T4/T8 (A2:6) F300 (8p - 20°)   | Inlet | 45    | 52     | 58     | 63     | 66      | 67      | 67      | 61      | 73    |
| HMFx 71 T4/T8 (A2:6) F300 (8p - 25°)   | Inlet | 39    | 45     | 57     | 64     | 67      | 66      | 69      | 62      | 73    |

| Sound power Lw dB (A)                  |       |       |        |        |        |         |         |         |         |       |
|----------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                  |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 71 T4/T8 (A2:6) F300 (8p - 27,5°) | Inlet | 41    | 47     | 56     | 63     | 66      | 67      | 68      | 62      | 73    |
| HMFx 71 T4/T8 (A2:6) F300 (8p - 30°)   | Inlet | 42    | 48     | 56     | 63     | 65      | 66      | 67      | 62      | 72    |
| HMFx 71 T4/T8 (A2:6) F300 (8p - 32,5°) | Inlet | 42    | 49     | 55     | 62     | 64      | 66      | 66      | 62      | 72    |
| HMFx 71 T4/T8 (A2:6) F300 (8p - 35°)   | Inlet | 42    | 49     | 55     | 61     | 63      | 65      | 66      | 60      | 71    |
| HMFx 71 T4/T8 (A2:6) F300 (8p - 37,5°) | Inlet | 41    | 48     | 54     | 60     | 62      | 64      | 65      | 59      | 70    |
| HMFx 71 T4/T8 (A2:6) F300 (8p - 40°)   | Inlet | 43    | 50     | 55     | 60     | 63      | 65      | 65      | 59      | 70    |
| HMFx 71 T4/T8 (A2:6) F300 (8p - 42,5°) | Inlet | 44    | 51     | 56     | 61     | 64      | 66      | 65      | 59      | 71    |
| HMFx 71 T4/T8 (A2:6) F300 (8p - 45°)   | Inlet | 45    | 50     | 58     | 62     | 65      | 66      | 65      | 59      | 71    |
| HMFx 71 T4/T8 (A2:6) F300 (4p - 20°)   | Inlet | 60    | 68     | 74     | 79     | 82      | 83      | 83      | 77      | 89    |
| HMFx 71 T4/T8 (A2:6) F300 (4p - 25°)   | Inlet | 55    | 61     | 73     | 80     | 83      | 82      | 84      | 78      | 89    |
| HMFx 71 T4/T8 (A2:6) F300 (4p - 27,5°) | Inlet | 57    | 63     | 72     | 79     | 82      | 82      | 84      | 78      | 89    |
| HMFx 71 T4/T8 (A2:6) F300 (4p - 30°)   | Inlet | 57    | 64     | 72     | 79     | 81      | 82      | 83      | 78      | 88    |
| HMFx 71 T4/T8 (A2:6) F300 (4p - 32,5°) | Inlet | 58    | 65     | 71     | 78     | 80      | 82      | 82      | 77      | 87    |
| HMFx 71 T4/T8 (A2:6) F300 (4p - 35°)   | Inlet | 58    | 65     | 70     | 77     | 79      | 81      | 81      | 76      | 86    |
| HMFx 71 T4/T8 (A2:6) F300 (4p - 37,5°) | Inlet | 57    | 64     | 70     | 75     | 78      | 80      | 81      | 74      | 86    |
| HMFx 71 T4/T8 (A2:6) F300 (4p - 40°)   | Inlet | 58    | 66     | 71     | 76     | 79      | 81      | 81      | 75      | 86    |
| HMFx 71 T4/T8 (A2:6) F300 (4p - 42,5°) | Inlet | 60    | 66     | 72     | 77     | 80      | 82      | 81      | 75      | 87    |
| HMFx 71 T4/T8 (A2:6) F300 (4p - 45°)   | Inlet | 61    | 66     | 74     | 77     | 81      | 82      | 81      | 75      | 87    |
| HMFx 71 T4/T8 (A2:9) F300 (8p - 20°)   | Inlet | 47    | 54     | 61     | 64     | 67      | 68      | 67      | 60      | 73    |
| HMFx 71 T4/T8 (A2:9) F300 (8p - 25°)   | Inlet | 45    | 51     | 61     | 67     | 70      | 69      | 71      | 64      | 76    |
| HMFx 71 T4/T8 (A2:9) F300 (8p - 27,5°) | Inlet | 45    | 51     | 59     | 66     | 68      | 68      | 70      | 63      | 75    |
| HMFx 71 T4/T8 (A2:9) F300 (8p - 30°)   | Inlet | 45    | 51     | 58     | 65     | 68      | 68      | 69      | 63      | 74    |

| Sound power Lw dB (A)                  |       |       |        |        |        |         |         |         |         |       |
|----------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                  |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 71 T4/T8 (A2:9) F300 (8p - 32,5°) | Inlet | 45    | 51     | 57     | 64     | 67      | 68      | 69      | 63      | 74    |
| HMFx 71 T4/T8 (A2:9) F300 (8p - 35°)   | Inlet | 45    | 52     | 57     | 64     | 67      | 68      | 68      | 63      | 74    |
| HMFx 71 T4/T8 (A2:9) F300 (8p - 37,5°) | Inlet | 44    | 51     | 57     | 64     | 67      | 68      | 68      | 62      | 74    |
| HMFx 71 T4/T8 (A2:9) F300 (8p - 40°)   | Inlet | 45    | 52     | 58     | 64     | 67      | 68      | 68      | 63      | 74    |
| HMFx 71 T4/T8 (A2:9) F300 (8p - 42,5°) | Inlet | 46    | 53     | 59     | 63     | 67      | 68      | 68      | 63      | 74    |
| HMFx 71 T4/T8 (A2:9) F300 (8p - 45°)   | Inlet | 45    | 52     | 58     | 63     | 66      | 68      | 68      | 62      | 73    |
| HMFx 71 T4/T8 (A2:9) F300 (4p - 20°)   | Inlet | 63    | 70     | 77     | 80     | 83      | 83      | 83      | 76      | 89    |
| HMFx 71 T4/T8 (A2:9) F300 (4p - 25°)   | Inlet | 61    | 67     | 76     | 83     | 86      | 85      | 87      | 80      | 92    |
| HMFx 71 T4/T8 (A2:9) F300 (4p - 27,5°) | Inlet | 61    | 67     | 75     | 81     | 84      | 84      | 86      | 79      | 91    |
| HMFx 71 T4/T8 (A2:9) F300 (4p - 30°)   | Inlet | 61    | 67     | 74     | 81     | 83      | 84      | 85      | 79      | 90    |
| HMFx 71 T4/T8 (A2:9) F300 (4p - 32,5°) | Inlet | 61    | 67     | 73     | 80     | 82      | 83      | 84      | 79      | 89    |
| HMFx 71 T4/T8 (A2:9) F300 (4p - 35°)   | Inlet | 60    | 67     | 73     | 80     | 83      | 84      | 84      | 79      | 89    |
| HMFx 71 T4/T8 (A2:9) F300 (4p - 37,5°) | Inlet | 60    | 67     | 73     | 80     | 83      | 84      | 84      | 78      | 89    |
| HMFx 71 T4/T8 (A2:9) F300 (4p - 40°)   | Inlet | 61    | 68     | 74     | 79     | 83      | 84      | 84      | 78      | 90    |
| HMFx 71 T4/T8 (A2:9) F300 (4p - 42,5°) | Inlet | 62    | 69     | 74     | 79     | 83      | 84      | 84      | 78      | 90    |
| HMFx 71 T4/T8 (A2:9) F300 (4p - 45°)   | Inlet | 61    | 68     | 74     | 79     | 82      | 84      | 83      | 77      | 89    |
| HMFx 80 T4/T8 (A2:6) F300 (8p - 20°)   | Inlet | 48    | 56     | 62     | 65     | 68      | 70      | 69      | 63      | 75    |
| HMFx 80 T4/T8 (A2:6) F300 (8p - 25°)   | Inlet | 39    | 46     | 57     | 64     | 68      | 68      | 69      | 64      | 74    |
| HMFx 80 T4/T8 (A2:6) F300 (8p - 27,5°) | Inlet | 42    | 49     | 57     | 64     | 67      | 68      | 69      | 64      | 74    |
| HMFx 80 T4/T8 (A2:6) F300 (8p - 30°)   | Inlet | 43    | 50     | 57     | 64     | 67      | 68      | 69      | 63      | 74    |
| HMFx 80 T4/T8 (A2:6) F300 (8p - 32,5°) | Inlet | 44    | 51     | 57     | 63     | 66      | 69      | 69      | 63      | 74    |
| HMFx 80 T4/T8 (A2:6) F300 (8p - 35°)   | Inlet | 45    | 52     | 58     | 63     | 66      | 69      | 69      | 62      | 74    |

| Sound power Lw dB (A)                  |       |       |        |        |        |         |         |         |         |       |
|----------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                  |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 80 T4/T8 (A2:6) F300 (8p - 37,5°) | Inlet | 46    | 53     | 59     | 63     | 66      | 69      | 68      | 62      | 74    |
| HMFx 80 T4/T8 (A2:6) F300 (8p - 40°)   | Inlet | 47    | 54     | 59     | 63     | 66      | 68      | 68      | 61      | 73    |
| HMFx 80 T4/T8 (A2:6) F300 (8p - 42,5°) | Inlet | 46    | 54     | 59     | 63     | 66      | 67      | 67      | 60      | 73    |
| HMFx 80 T4/T8 (A2:6) F300 (8p - 45°)   | Inlet | 47    | 54     | 60     | 63     | 67      | 67      | 67      | 60      | 73    |
| HMFx 80 T4/T8 (A2:6) F300 (4p - 20°)   | Inlet | 64    | 72     | 78     | 81     | 84      | 86      | 85      | 79      | 91    |
| HMFx 80 T4/T8 (A2:6) F300 (4p - 25°)   | Inlet | 55    | 62     | 72     | 80     | 84      | 83      | 85      | 80      | 90    |
| HMFx 80 T4/T8 (A2:6) F300 (4p - 27,5°) | Inlet | 58    | 65     | 73     | 80     | 83      | 84      | 85      | 79      | 90    |
| HMFx 80 T4/T8 (A2:6) F300 (4p - 30°)   | Inlet | 59    | 66     | 73     | 80     | 83      | 84      | 85      | 79      | 90    |
| HMFx 80 T4/T8 (A2:6) F300 (4p - 32,5°) | Inlet | 60    | 67     | 73     | 79     | 82      | 84      | 85      | 79      | 90    |
| HMFx 80 T4/T8 (A2:6) F300 (4p - 35°)   | Inlet | 61    | 68     | 74     | 79     | 82      | 85      | 85      | 78      | 90    |
| HMFx 80 T4/T8 (A2:6) F300 (4p - 37,5°) | Inlet | 62    | 69     | 75     | 79     | 82      | 85      | 84      | 77      | 89    |
| HMFx 80 T4/T8 (A2:6) F300 (4p - 40°)   | Inlet | 62    | 69     | 75     | 79     | 82      | 84      | 83      | 77      | 89    |
| HMFx 80 T4/T8 (A2:6) F300 (4p - 42,5°) | Inlet | 62    | 70     | 75     | 79     | 82      | 83      | 83      | 76      | 88    |
| HMFx 80 T4/T8 (A2:6) F300 (4p - 45°)   | Inlet | 62    | 70     | 76     | 79     | 82      | 83      | 83      | 76      | 89    |
| HMFx 80 T4/T8 (A2:9) F300 (8p - 20°)   | Inlet | 51    | 60     | 67     | 75     | 76      | 77      | 77      | 71      | 83    |
| HMFx 80 T4/T8 (A2:9) F300 (8p - 25°)   | Inlet | 44    | 57     | 63     | 74     | 76      | 75      | 77      | 68      | 82    |
| HMFx 80 T4/T8 (A2:9) F300 (8p - 27,5°) | Inlet | 46    | 56     | 61     | 71     | 74      | 73      | 75      | 67      | 80    |
| HMFx 80 T4/T8 (A2:9) F300 (8p - 30°)   | Inlet | 47    | 56     | 61     | 70     | 73      | 73      | 74      | 67      | 79    |
| HMFx 80 T4/T8 (A2:9) F300 (8p - 32,5°) | Inlet | 48    | 55     | 61     | 68     | 72      | 72      | 73      | 67      | 78    |
| HMFx 80 T4/T8 (A2:9) F300 (8p - 35°)   | Inlet | 48    | 55     | 60     | 67     | 71      | 72      | 72      | 66      | 77    |
| HMFx 80 T4/T8 (A2:9) F300 (8p - 37,5°) | Inlet | 47    | 54     | 60     | 66     | 70      | 72      | 71      | 65      | 77    |
| HMFx 80 T4/T8 (A2:9) F300 (8p - 40°)   | Inlet | 48    | 55     | 61     | 66     | 70      | 72      | 71      | 65      | 76    |

| Sound power Lw dB (A)                  |       |       |        |        |        |         |         |         |         |       |
|----------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                  |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 80 T4/T8 (A2:9) F300 (8p - 42,5°) | Inlet | 49    | 56     | 61     | 65     | 69      | 71      | 70      | 64      | 76    |
| HMFx 80 T4/T8 (A2:9) F300 (8p - 45°)   | Inlet | 49    | 56     | 62     | 65     | 69      | 70      | 69      | 63      | 75    |
| HMFx 80 T4/T8 (A2:9) F300 (4p - 20°)   | Inlet | 67    | 76     | 83     | 91     | 92      | 93      | 93      | 87      | 99    |
| HMFx 80 T4/T8 (A2:9) F300 (4p - 25°)   | Inlet | 60    | 72     | 79     | 90     | 92      | 90      | 93      | 84      | 98    |
| HMFx 80 T4/T8 (A2:9) F300 (4p - 27,5°) | Inlet | 62    | 72     | 77     | 87     | 89      | 89      | 90      | 83      | 95    |
| HMFx 80 T4/T8 (A2:9) F300 (4p - 30°)   | Inlet | 63    | 72     | 77     | 86     | 89      | 89      | 90      | 83      | 95    |
| HMFx 80 T4/T8 (A2:9) F300 (4p - 32,5°) | Inlet | 64    | 71     | 76     | 84     | 87      | 88      | 89      | 83      | 94    |
| HMFx 80 T4/T8 (A2:9) F300 (4p - 35°)   | Inlet | 63    | 70     | 76     | 83     | 87      | 88      | 88      | 82      | 93    |
| HMFx 80 T4/T8 (A2:9) F300 (4p - 37,5°) | Inlet | 63    | 70     | 76     | 82     | 86      | 88      | 87      | 81      | 93    |
| HMFx 80 T4/T8 (A2:9) F300 (4p - 40°)   | Inlet | 64    | 71     | 76     | 82     | 85      | 87      | 87      | 80      | 92    |
| HMFx 80 T4/T8 (A2:9) F300 (4p - 42,5°) | Inlet | 65    | 72     | 77     | 81     | 85      | 87      | 86      | 80      | 92    |
| HMFx 80 T4/T8 (A2:9) F300 (4p - 45°)   | Inlet | 64    | 72     | 78     | 81     | 84      | 86      | 85      | 79      | 91    |
| HMFx 90 T4/T8 (A6:3) F300 (8p - 20°)   | Inlet | 53    | 62     | 68     | 73     | 74      | 75      | 76      | 70      | 81    |
| HMFx 90 T4/T8 (A6:3) F300 (8p - 22°)   | Inlet | 45    | 48     | 57     | 59     | 64      | 65      | 68      | 62      | 72    |
| HMFx 90 T4/T8 (A6:3) F300 (8p - 24°)   | Inlet | 46    | 50     | 59     | 61     | 65      | 67      | 69      | 63      | 73    |
| HMFx 90 T4/T8 (A6:3) F300 (8p - 26°)   | Inlet | 47    | 51     | 60     | 64     | 67      | 68      | 70      | 65      | 75    |
| HMFx 90 T4/T8 (A6:3) F300 (8p - 28°)   | Inlet | 48    | 53     | 61     | 66     | 68      | 69      | 71      | 66      | 76    |
| HMFx 90 T4/T8 (A6:3) F300 (8p - 30°)   | Inlet | 49    | 54     | 62     | 68     | 69      | 71      | 72      | 67      | 77    |
| HMFx 90 T4/T8 (A6:3) F300 (8p - 32°)   | Inlet | 50    | 56     | 63     | 70     | 71      | 72      | 74      | 68      | 78    |
| HMFx 90 T4/T8 (A6:3) F300 (8p - 34°)   | Inlet | 50    | 56     | 64     | 71     | 71      | 72      | 74      | 68      | 79    |
| HMFx 90 T4/T8 (A6:3) F300 (8p - 36°)   | Inlet | 50    | 56     | 64     | 72     | 72      | 73      | 74      | 68      | 79    |
| HMFx 90 T4/T8 (A6:3) F300 (8p - 38°)   | Inlet | 50    | 57     | 65     | 73     | 72      | 74      | 74      | 69      | 80    |

| Sound power Lw dB (A)                |       |       |        |        |        |         |         |         |         |       |
|--------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 90 T4/T8 (A6:3) F300 (8p - 40°) | Inlet | 51    | 58     | 66     | 74     | 74      | 75      | 75      | 70      | 81    |
| HMFx 90 T4/T8 (A6:3) F300 (8p - 42°) | Inlet | 51    | 59     | 66     | 74     | 75      | 76      | 76      | 71      | 82    |
| HMFx 90 T4/T8 (A6:3) F300 (4p - 20°) | Inlet | 68    | 78     | 83     | 89     | 90      | 91      | 92      | 86      | 97    |
| HMFx 90 T4/T8 (A6:3) F300 (4p - 22°) | Inlet | 60    | 64     | 73     | 75     | 79      | 81      | 84      | 78      | 88    |
| HMFx 90 T4/T8 (A6:3) F300 (4p - 24°) | Inlet | 62    | 65     | 74     | 77     | 81      | 83      | 85      | 79      | 89    |
| HMFx 90 T4/T8 (A6:3) F300 (4p - 26°) | Inlet | 63    | 67     | 76     | 79     | 83      | 84      | 86      | 80      | 90    |
| HMFx 90 T4/T8 (A6:3) F300 (4p - 28°) | Inlet | 64    | 69     | 77     | 81     | 84      | 85      | 87      | 81      | 92    |
| HMFx 90 T4/T8 (A6:3) F300 (4p - 30°) | Inlet | 65    | 70     | 78     | 83     | 85      | 87      | 88      | 82      | 93    |
| HMFx 90 T4/T8 (A6:3) F300 (4p - 32°) | Inlet | 66    | 72     | 79     | 85     | 86      | 88      | 89      | 83      | 94    |
| HMFx 90 T4/T8 (A6:3) F300 (4p - 34°) | Inlet | 66    | 72     | 79     | 86     | 87      | 88      | 90      | 84      | 95    |
| HMFx 90 T4/T8 (A6:3) F300 (4p - 36°) | Inlet | 66    | 72     | 80     | 87     | 87      | 89      | 90      | 84      | 95    |
| HMFx 90 T4/T8 (A6:3) F300 (4p - 38°) | Inlet | 66    | 73     | 80     | 88     | 88      | 90      | 90      | 84      | 96    |
| HMFx 90 T4/T8 (A6:3) F300 (4p - 40°) | Inlet | 66    | 74     | 81     | 89     | 89      | 91      | 91      | 85      | 97    |
| HMFx 90 T4/T8 (A6:3) F300 (4p - 42°) | Inlet | 67    | 75     | 82     | 90     | 90      | 92      | 92      | 86      | 98    |
| HMFx 90 T4/T8 (A6:6) F300 (8p - 20°) | Inlet | 54    | 62     | 68     | 75     | 77      | 78      | 78      | 72      | 83    |
| HMFx 90 T4/T8 (A6:6) F300 (8p - 22°) | Inlet | 49    | 59     | 66     | 73     | 77      | 75      | 76      | 71      | 82    |
| HMFx 90 T4/T8 (A6:6) F300 (8p - 24°) | Inlet | 50    | 60     | 67     | 73     | 77      | 76      | 76      | 71      | 82    |
| HMFx 90 T4/T8 (A6:6) F300 (8p - 26°) | Inlet | 51    | 61     | 67     | 74     | 77      | 76      | 77      | 72      | 83    |
| HMFx 90 T4/T8 (A6:6) F300 (8p - 28°) | Inlet | 52    | 61     | 67     | 74     | 77      | 76      | 77      | 72      | 83    |
| HMFx 90 T4/T8 (A6:6) F300 (8p - 30°) | Inlet | 53    | 62     | 68     | 75     | 77      | 77      | 78      | 73      | 83    |
| HMFx 90 T4/T8 (A6:6) F300 (8p - 32°) | Inlet | 53    | 62     | 68     | 75     | 76      | 77      | 78      | 73      | 83    |
| HMFx 90 T4/T8 (A6:6) F300 (8p - 34°) | Inlet | 52    | 61     | 67     | 73     | 75      | 75      | 77      | 71      | 82    |

| Sound power Lw dB (A)                 |       |       |        |        |        |         |         |         |         |       |
|---------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                 |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFX 90 T4/T8 (A6:6) F300 (8p - 36°)  | Inlet | 51    | 60     | 65     | 71     | 73      | 74      | 75      | 70      | 80    |
| HMFX 90 T4/T8 (A6:6) F300 (8p - 38°)  | Inlet | 51    | 59     | 65     | 71     | 72      | 74      | 75      | 69      | 80    |
| HMFX 90 T4/T8 (A6:6) F300 (8p - 40°)  | Inlet | 51    | 60     | 66     | 72     | 73      | 74      | 76      | 70      | 81    |
| HMFX 90 T4/T8 (A6:6) F300 (8p - 42°)  | Inlet | 52    | 61     | 67     | 72     | 74      | 75      | 76      | 70      | 81    |
| HMFX 90 T4/T8 (A6:6) F300 (4p - 20°)  | Inlet | 70    | 78     | 84     | 91     | 93      | 94      | 93      | 88      | 99    |
| HMFX 90 T4/T8 (A6:6) F300 (4p - 22°)  | Inlet | 65    | 75     | 82     | 89     | 93      | 91      | 91      | 86      | 98    |
| HMFX 90 T4/T8 (A6:6) F300 (4p - 24°)  | Inlet | 66    | 76     | 82     | 89     | 93      | 91      | 92      | 87      | 98    |
| HMFX 90 T4/T8 (A6:6) F300 (4p - 26°)  | Inlet | 67    | 76     | 83     | 90     | 93      | 92      | 93      | 88      | 99    |
| HMFX 90 T4/T8 (A6:6) F300 (4p - 28°)  | Inlet | 68    | 77     | 83     | 90     | 93      | 92      | 93      | 88      | 99    |
| HMFX 90 T4/T8 (A6:6) F300 (4p - 30°)  | Inlet | 68    | 78     | 84     | 90     | 93      | 93      | 93      | 88      | 99    |
| HMFX 90 T4/T8 (A6:6) F300 (4p - 32°)  | Inlet | 69    | 78     | 84     | 91     | 92      | 93      | 94      | 89      | 99    |
| HMFX 90 T4/T8 (A6:6) F300 (4p - 34°)  | Inlet | 68    | 77     | 82     | 89     | 90      | 91      | 93      | 87      | 98    |
| HMFX 90 T4/T8 (A6:6) F300 (4p - 36°)  | Inlet | 67    | 75     | 81     | 87     | 89      | 90      | 91      | 86      | 96    |
| HMFX 90 T4/T8 (A6:6) F300 (4p - 38°)  | Inlet | 66    | 75     | 81     | 87     | 88      | 90      | 91      | 85      | 96    |
| HMFX 90 T4/T8 (A6:6) F300 (4p - 40°)  | Inlet | 67    | 76     | 82     | 88     | 89      | 90      | 91      | 86      | 96    |
| HMFX 90 T4/T8 (A6:6) F300 (4p - 42°)  | Inlet | 68    | 77     | 82     | 88     | 89      | 91      | 92      | 86      | 97    |
| HMFX 100 T4/T8 (A6:3) F300 (8p - 20°) | Inlet | 57    | 65     | 71     | 76     | 78      | 79      | 79      | 74      | 85    |
| HMFX 100 T4/T8 (A6:3) F300 (8p - 22°) | Inlet | 49    | 56     | 61     | 66     | 71      | 73      | 77      | 69      | 80    |
| HMFX 100 T4/T8 (A6:3) F300 (8p - 24°) | Inlet | 50    | 57     | 62     | 67     | 72      | 73      | 77      | 69      | 80    |
| HMFX 100 T4/T8 (A6:3) F300 (8p - 26°) | Inlet | 50    | 57     | 63     | 68     | 72      | 73      | 76      | 69      | 80    |
| HMFX 100 T4/T8 (A6:3) F300 (8p - 28°) | Inlet | 50    | 57     | 63     | 68     | 72      | 73      | 75      | 69      | 79    |
| HMFX 100 T4/T8 (A6:3) F300 (8p - 30°) | Inlet | 50    | 57     | 63     | 68     | 71      | 72      | 74      | 68      | 79    |

| Sound power Lw dB (A)                 |       |       |        |        |        |         |         |         |         |       |
|---------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                 |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 100 T4/T8 (A6:3) F300 (8p - 32°) | Inlet | 50    | 57     | 63     | 68     | 71      | 72      | 74      | 68      | 78    |
| HMFx 100 T4/T8 (A6:3) F300 (8p - 34°) | Inlet | 52    | 58     | 65     | 70     | 72      | 73      | 74      | 69      | 79    |
| HMFx 100 T4/T8 (A6:3) F300 (8p - 36°) | Inlet | 54    | 59     | 66     | 72     | 73      | 75      | 75      | 70      | 81    |
| HMFx 100 T4/T8 (A6:3) F300 (8p - 38°) | Inlet | 54    | 60     | 67     | 73     | 74      | 75      | 76      | 70      | 81    |
| HMFx 100 T4/T8 (A6:3) F300 (8p - 40°) | Inlet | 54    | 61     | 67     | 74     | 75      | 76      | 76      | 71      | 82    |
| HMFx 100 T4/T8 (A6:3) F300 (8p - 42°) | Inlet | 54    | 61     | 68     | 74     | 76      | 77      | 77      | 72      | 83    |
| HMFx 100 T4/T8 (A6:3) F300 (4p - 20°) | Inlet | 73    | 81     | 87     | 92     | 93      | 95      | 95      | 89      | 101   |
| HMFx 100 T4/T8 (A6:3) F300 (4p - 22°) | Inlet | 64    | 71     | 77     | 81     | 87      | 89      | 92      | 85      | 95    |
| HMFx 100 T4/T8 (A6:3) F300 (4p - 24°) | Inlet | 66    | 73     | 78     | 83     | 88      | 89      | 93      | 85      | 96    |
| HMFx 100 T4/T8 (A6:3) F300 (4p - 26°) | Inlet | 66    | 73     | 79     | 83     | 88      | 89      | 92      | 85      | 96    |
| HMFx 100 T4/T8 (A6:3) F300 (4p - 28°) | Inlet | 66    | 73     | 79     | 84     | 87      | 89      | 91      | 84      | 95    |
| HMFx 100 T4/T8 (A6:3) F300 (4p - 30°) | Inlet | 66    | 72     | 79     | 84     | 87      | 88      | 90      | 84      | 94    |
| HMFx 100 T4/T8 (A6:3) F300 (4p - 32°) | Inlet | 66    | 72     | 79     | 84     | 87      | 88      | 89      | 84      | 94    |
| HMFx 100 T4/T8 (A6:3) F300 (4p - 34°) | Inlet | 68    | 74     | 81     | 86     | 88      | 89      | 90      | 85      | 95    |
| HMFx 100 T4/T8 (A6:3) F300 (4p - 36°) | Inlet | 69    | 75     | 82     | 88     | 89      | 91      | 91      | 86      | 96    |
| HMFx 100 T4/T8 (A6:3) F300 (4p - 38°) | Inlet | 70    | 76     | 83     | 89     | 90      | 91      | 91      | 86      | 97    |
| HMFx 100 T4/T8 (A6:3) F300 (4p - 40°) | Inlet | 70    | 77     | 83     | 89     | 91      | 92      | 92      | 87      | 98    |
| HMFx 100 T4/T8 (A6:3) F300 (4p - 42°) | Inlet | 70    | 77     | 83     | 90     | 92      | 93      | 93      | 88      | 99    |
| HMFx 100 T4/T8 (A6:6) F300 (8p - 20°) | Inlet | 57    | 64     | 70     | 76     | 78      | 80      | 80      | 75      | 85    |
| HMFx 100 T4/T8 (A6:6) F300 (8p - 22°) | Inlet | 53    | 65     | 70     | 80     | 81      | 80      | 80      | 76      | 87    |
| HMFx 100 T4/T8 (A6:6) F300 (8p - 24°) | Inlet | 54    | 65     | 70     | 79     | 80      | 80      | 80      | 76      | 86    |
| HMFx 100 T4/T8 (A6:6) F300 (8p - 26°) | Inlet | 55    | 65     | 71     | 79     | 80      | 80      | 80      | 76      | 86    |

| Sound power Lw dB (A)                 |       |       |        |        |        |         |         |         |         |       |
|---------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                 |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 100 T4/T8 (A6:6) F300 (8p - 28°) | Inlet | 56    | 66     | 72     | 79     | 80      | 80      | 81      | 77      | 87    |
| HMFx 100 T4/T8 (A6:6) F300 (8p - 30°) | Inlet | 57    | 66     | 73     | 79     | 80      | 81      | 82      | 77      | 87    |
| HMFx 100 T4/T8 (A6:6) F300 (8p - 32°) | Inlet | 58    | 67     | 73     | 79     | 80      | 81      | 82      | 77      | 87    |
| HMFx 100 T4/T8 (A6:6) F300 (8p - 34°) | Inlet | 57    | 66     | 72     | 77     | 79      | 79      | 81      | 76      | 86    |
| HMFx 100 T4/T8 (A6:6) F300 (8p - 36°) | Inlet | 56    | 65     | 71     | 75     | 77      | 78      | 79      | 74      | 84    |
| HMFx 100 T4/T8 (A6:6) F300 (8p - 38°) | Inlet | 56    | 64     | 71     | 74     | 77      | 77      | 79      | 73      | 84    |
| HMFx 100 T4/T8 (A6:6) F300 (8p - 40°) | Inlet | 56    | 65     | 71     | 75     | 77      | 78      | 79      | 74      | 84    |
| HMFx 100 T4/T8 (A6:6) F300 (8p - 42°) | Inlet | 57    | 65     | 71     | 76     | 78      | 79      | 80      | 74      | 85    |
| HMFx 100 T4/T8 (A6:6) F300 (4p - 20°) | Inlet | 73    | 80     | 86     | 92     | 94      | 95      | 95      | 91      | 101   |
| HMFx 100 T4/T8 (A6:6) F300 (4p - 22°) | Inlet | 69    | 80     | 86     | 96     | 96      | 96      | 96      | 92      | 103   |
| HMFx 100 T4/T8 (A6:6) F300 (4p - 24°) | Inlet | 70    | 81     | 86     | 95     | 96      | 96      | 96      | 92      | 102   |
| HMFx 100 T4/T8 (A6:6) F300 (4p - 26°) | Inlet | 71    | 81     | 87     | 95     | 96      | 96      | 96      | 92      | 102   |
| HMFx 100 T4/T8 (A6:6) F300 (4p - 28°) | Inlet | 72    | 82     | 88     | 95     | 96      | 96      | 97      | 92      | 103   |
| HMFx 100 T4/T8 (A6:6) F300 (4p - 30°) | Inlet | 73    | 82     | 89     | 95     | 96      | 97      | 97      | 93      | 103   |
| HMFx 100 T4/T8 (A6:6) F300 (4p - 32°) | Inlet | 74    | 82     | 89     | 95     | 96      | 97      | 98      | 93      | 103   |
| HMFx 100 T4/T8 (A6:6) F300 (4p - 34°) | Inlet | 73    | 81     | 88     | 93     | 95      | 95      | 96      | 92      | 102   |
| HMFx 100 T4/T8 (A6:6) F300 (4p - 36°) | Inlet | 72    | 80     | 87     | 91     | 93      | 94      | 95      | 90      | 100   |
| HMFx 100 T4/T8 (A6:6) F300 (4p - 38°) | Inlet | 72    | 80     | 86     | 90     | 92      | 93      | 94      | 89      | 100   |
| HMFx 100 T4/T8 (A6:6) F300 (4p - 40°) | Inlet | 72    | 81     | 87     | 91     | 93      | 94      | 95      | 89      | 100   |
| HMFx 100 T4/T8 (A6:6) F300 (4p - 42°) | Inlet | 73    | 81     | 87     | 91     | 94      | 95      | 95      | 90      | 101   |
| HMFx 112 T4/T8 (A6:3) F300 (8p - 20°) | Inlet | 63    | 69     | 76     | 79     | 82      | 83      | 83      | 77      | 89    |
| HMFx 112 T4/T8 (A6:3) F300 (8p - 22°) | Inlet | 52    | 59     | 64     | 71     | 76      | 77      | 79      | 74      | 83    |

| Sound power Lw dB (A)                 |       |       |        |        |        |         |         |         |         |       |
|---------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                 |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 112 T4/T8 (A6:3) F300 (8p - 24°) | Inlet | 53    | 60     | 65     | 72     | 76      | 78      | 80      | 74      | 84    |
| HMFx 112 T4/T8 (A6:3) F300 (8p - 26°) | Inlet | 54    | 61     | 67     | 73     | 77      | 78      | 80      | 75      | 84    |
| HMFx 112 T4/T8 (A6:3) F300 (8p - 28°) | Inlet | 55    | 62     | 67     | 73     | 77      | 78      | 80      | 75      | 84    |
| HMFx 112 T4/T8 (A6:3) F300 (8p - 30°) | Inlet | 55    | 62     | 68     | 73     | 77      | 78      | 80      | 75      | 84    |
| HMFx 112 T4/T8 (A6:3) F300 (8p - 32°) | Inlet | 56    | 61     | 68     | 73     | 76      | 77      | 79      | 74      | 84    |
| HMFx 112 T4/T8 (A6:3) F300 (8p - 34°) | Inlet | 56    | 61     | 69     | 74     | 76      | 77      | 79      | 74      | 84    |
| HMFx 112 T4/T8 (A6:3) F300 (8p - 36°) | Inlet | 57    | 62     | 70     | 74     | 77      | 77      | 79      | 74      | 84    |
| HMFx 112 T4/T8 (A6:3) F300 (8p - 38°) | Inlet | 57    | 62     | 70     | 75     | 77      | 78      | 79      | 74      | 84    |
| HMFx 112 T4/T8 (A6:3) F300 (8p - 40°) | Inlet | 57    | 63     | 70     | 75     | 78      | 78      | 79      | 75      | 85    |
| HMFx 112 T4/T8 (A6:3) F300 (8p - 42°) | Inlet | 57    | 63     | 70     | 76     | 78      | 79      | 79      | 74      | 85    |
| HMFx 112 T4/T8 (A6:3) F300 (4p - 20°) | Inlet | 79    | 84     | 92     | 95     | 98      | 99      | 99      | 93      | 104   |
| HMFx 112 T4/T8 (A6:3) F300 (4p - 22°) | Inlet | 67    | 75     | 80     | 86     | 92      | 93      | 95      | 89      | 99    |
| HMFx 112 T4/T8 (A6:3) F300 (4p - 24°) | Inlet | 69    | 76     | 81     | 87     | 92      | 94      | 95      | 90      | 100   |
| HMFx 112 T4/T8 (A6:3) F300 (4p - 26°) | Inlet | 70    | 77     | 82     | 88     | 93      | 94      | 96      | 90      | 100   |
| HMFx 112 T4/T8 (A6:3) F300 (4p - 28°) | Inlet | 71    | 77     | 83     | 89     | 93      | 94      | 96      | 90      | 100   |
| HMFx 112 T4/T8 (A6:3) F300 (4p - 30°) | Inlet | 71    | 77     | 84     | 89     | 92      | 94      | 96      | 90      | 100   |
| HMFx 112 T4/T8 (A6:3) F300 (4p - 32°) | Inlet | 71    | 77     | 84     | 89     | 92      | 93      | 95      | 90      | 99    |
| HMFx 112 T4/T8 (A6:3) F300 (4p - 34°) | Inlet | 72    | 77     | 85     | 90     | 92      | 93      | 95      | 90      | 100   |
| HMFx 112 T4/T8 (A6:3) F300 (4p - 36°) | Inlet | 73    | 78     | 85     | 90     | 92      | 93      | 95      | 90      | 100   |
| HMFx 112 T4/T8 (A6:3) F300 (4p - 38°) | Inlet | 73    | 78     | 86     | 91     | 93      | 94      | 95      | 90      | 100   |
| HMFx 112 T4/T8 (A6:3) F300 (4p - 40°) | Inlet | 73    | 79     | 86     | 91     | 93      | 94      | 95      | 90      | 100   |
| HMFx 112 T4/T8 (A6:3) F300 (4p - 42°) | Inlet | 73    | 79     | 85     | 91     | 94      | 95      | 95      | 90      | 101   |

| Sound power Lw dB (A)                 |       |       |        |        |        |         |         |         |         |       |
|---------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                 |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFX 112 T4/T8 (A6:6) F300 (8p - 20°) | Inlet | 62    | 69     | 75     | 80     | 83      | 84      | 83      | 79      | 89    |
| HMFX 112 T4/T8 (A6:6) F300 (8p - 22°) | Inlet | 54    | 65     | 71     | 82     | 83      | 82      | 83      | 78      | 89    |
| HMFX 112 T4/T8 (A6:6) F300 (8p - 24°) | Inlet | 55    | 65     | 71     | 81     | 83      | 82      | 83      | 77      | 89    |
| HMFX 112 T4/T8 (A6:6) F300 (8p - 26°) | Inlet | 55    | 65     | 71     | 80     | 82      | 81      | 82      | 76      | 88    |
| HMFX 112 T4/T8 (A6:6) F300 (8p - 28°) | Inlet | 57    | 66     | 71     | 80     | 81      | 82      | 82      | 76      | 88    |
| HMFX 112 T4/T8 (A6:6) F300 (8p - 30°) | Inlet | 58    | 66     | 72     | 80     | 81      | 82      | 83      | 76      | 88    |
| HMFX 112 T4/T8 (A6:6) F300 (8p - 32°) | Inlet | 59    | 66     | 72     | 79     | 81      | 82      | 82      | 75      | 87    |
| HMFX 112 T4/T8 (A6:6) F300 (8p - 34°) | Inlet | 58    | 66     | 72     | 77     | 79      | 81      | 81      | 74      | 87    |
| HMFX 112 T4/T8 (A6:6) F300 (8p - 36°) | Inlet | 58    | 66     | 71     | 75     | 78      | 80      | 81      | 73      | 86    |
| HMFX 112 T4/T8 (A6:6) F300 (8p - 38°) | Inlet | 59    | 66     | 72     | 75     | 79      | 81      | 81      | 74      | 86    |
| HMFX 112 T4/T8 (A6:6) F300 (8p - 40°) | Inlet | 61    | 68     | 74     | 77     | 81      | 82      | 83      | 75      | 88    |
| HMFX 112 T4/T8 (A6:6) F300 (8p - 42°) | Inlet | 63    | 70     | 76     | 79     | 82      | 83      | 84      | 77      | 89    |
| HMFX 112 T4/T8 (A6:6) F300 (4p - 20°) | Inlet | 78    | 84     | 91     | 96     | 99      | 100     | 99      | 95      | 105   |
| HMFX 112 T4/T8 (A6:6) F300 (4p - 22°) | Inlet | 70    | 81     | 87     | 98     | 99      | 98      | 99      | 94      | 105   |
| HMFX 112 T4/T8 (A6:6) F300 (4p - 24°) | Inlet | 71    | 81     | 87     | 97     | 98      | 98      | 99      | 93      | 104   |
| HMFX 112 T4/T8 (A6:6) F300 (4p - 26°) | Inlet | 71    | 81     | 87     | 96     | 97      | 97      | 98      | 92      | 104   |
| HMFX 112 T4/T8 (A6:6) F300 (4p - 28°) | Inlet | 73    | 81     | 87     | 96     | 97      | 98      | 98      | 92      | 104   |
| HMFX 112 T4/T8 (A6:6) F300 (4p - 30°) | Inlet | 74    | 82     | 88     | 95     | 97      | 98      | 98      | 92      | 104   |
| HMFX 112 T4/T8 (A6:6) F300 (4p - 32°) | Inlet | 75    | 82     | 87     | 94     | 96      | 98      | 98      | 91      | 103   |
| HMFX 112 T4/T8 (A6:6) F300 (4p - 34°) | Inlet | 74    | 82     | 87     | 93     | 95      | 97      | 97      | 90      | 102   |
| HMFX 112 T4/T8 (A6:6) F300 (4p - 36°) | Inlet | 74    | 81     | 87     | 91     | 94      | 96      | 97      | 89      | 102   |
| HMFX 112 T4/T8 (A6:6) F300 (4p - 38°) | Inlet | 75    | 82     | 88     | 91     | 95      | 96      | 97      | 90      | 102   |

| Sound power Lw dB (A)                 |       |       |        |        |        |         |         |         |         |       |
|---------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                 |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 112 T4/T8 (A6:6) F300 (4p - 40°) | Inlet | 77    | 83     | 90     | 93     | 96      | 98      | 98      | 91      | 103   |
| HMFx 112 T4/T8 (A6:6) F300 (4p - 42°) | Inlet | 79    | 85     | 92     | 95     | 98      | 99      | 100     | 93      | 105   |
| HMFx 125 T4/T8 (A6:3) F300 (8p - 20°) | Inlet | 64    | 72     | 77     | 80     | 83      | 84      | 84      | 78      | 90    |
| HMFx 125 T4/T8 (A6:3) F300 (8p - 22°) | Inlet | 54    | 64     | 72     | 78     | 81      | 82      | 83      | 82      | 89    |
| HMFx 125 T4/T8 (A6:3) F300 (8p - 24°) | Inlet | 55    | 65     | 73     | 78     | 82      | 82      | 84      | 82      | 89    |
| HMFx 125 T4/T8 (A6:3) F300 (8p - 26°) | Inlet | 57    | 66     | 74     | 79     | 82      | 82      | 84      | 82      | 89    |
| HMFx 125 T4/T8 (A6:3) F300 (8p - 28°) | Inlet | 58    | 66     | 74     | 79     | 82      | 82      | 84      | 82      | 89    |
| HMFx 125 T4/T8 (A6:3) F300 (8p - 30°) | Inlet | 59    | 67     | 75     | 79     | 83      | 83      | 84      | 81      | 89    |
| HMFx 125 T4/T8 (A6:3) F300 (8p - 32°) | Inlet | 60    | 68     | 75     | 79     | 83      | 82      | 84      | 81      | 89    |
| HMFx 125 T4/T8 (A6:3) F300 (8p - 34°) | Inlet | 60    | 68     | 75     | 79     | 82      | 82      | 84      | 80      | 89    |
| HMFx 125 T4/T8 (A6:3) F300 (8p - 36°) | Inlet | 60    | 67     | 75     | 79     | 82      | 81      | 83      | 79      | 88    |
| HMFx 125 T4/T8 (A6:3) F300 (8p - 38°) | Inlet | 61    | 67     | 75     | 79     | 81      | 81      | 82      | 79      | 88    |
| HMFx 125 T4/T8 (A6:3) F300 (8p - 40°) | Inlet | 62    | 68     | 75     | 79     | 82      | 82      | 83      | 79      | 88    |
| HMFx 125 T4/T8 (A6:3) F300 (8p - 42°) | Inlet | 62    | 69     | 75     | 80     | 82      | 83      | 83      | 79      | 89    |
| HMFx 125 T4/T8 (A6:3) F300 (4p - 20°) | Inlet | 80    | 87     | 93     | 96     | 99      | 100     | 100     | 94      | 106   |
| HMFx 125 T4/T8 (A6:3) F300 (4p - 22°) | Inlet | 70    | 80     | 88     | 94     | 97      | 98      | 99      | 98      | 104   |
| HMFx 125 T4/T8 (A6:3) F300 (4p - 24°) | Inlet | 71    | 81     | 89     | 94     | 98      | 98      | 99      | 97      | 105   |
| HMFx 125 T4/T8 (A6:3) F300 (4p - 26°) | Inlet | 73    | 81     | 89     | 94     | 98      | 98      | 100     | 97      | 105   |
| HMFx 125 T4/T8 (A6:3) F300 (4p - 28°) | Inlet | 74    | 82     | 90     | 95     | 98      | 98      | 100     | 97      | 105   |
| HMFx 125 T4/T8 (A6:3) F300 (4p - 30°) | Inlet | 75    | 83     | 91     | 95     | 98      | 98      | 100     | 97      | 105   |
| HMFx 125 T4/T8 (A6:3) F300 (4p - 32°) | Inlet | 76    | 83     | 91     | 95     | 98      | 98      | 100     | 97      | 105   |
| HMFx 125 T4/T8 (A6:3) F300 (4p - 34°) | Inlet | 76    | 83     | 91     | 95     | 98      | 98      | 100     | 96      | 105   |

| Sound power Lw dB (A)                 |       |       |        |        |        |         |         |         |         |       |
|---------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                 |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFx 125 T4/T8 (A6:3) F300 (4p - 36°) | Inlet | 76    | 83     | 91     | 95     | 97      | 97      | 98      | 95      | 104   |
| HMFx 125 T4/T8 (A6:3) F300 (4p - 38°) | Inlet | 77    | 83     | 91     | 95     | 97      | 97      | 98      | 94      | 104   |
| HMFx 125 T4/T8 (A6:3) F300 (4p - 40°) | Inlet | 78    | 83     | 91     | 95     | 98      | 98      | 98      | 95      | 104   |
| HMFx 125 T4/T8 (A6:3) F300 (4p - 42°) | Inlet | 78    | 84     | 91     | 95     | 98      | 99      | 99      | 95      | 105   |
| HMFx 125 T4/T8 (A6:6) F300 (8p - 20°) | Inlet | 41    | 46     | 54     | 58     | 61      | 63      | 64      | 57      | 69    |
| HMFx 125 T4/T8 (A6:6) F300 (8p - 22°) | Inlet | 56    | 67     | 73     | 80     | 85      | 84      | 85      | 81      | 91    |
| HMFx 125 T4/T8 (A6:6) F300 (8p - 24°) | Inlet | 57    | 69     | 74     | 81     | 86      | 85      | 86      | 82      | 91    |
| HMFx 125 T4/T8 (A6:6) F300 (8p - 26°) | Inlet | 59    | 70     | 75     | 81     | 86      | 86      | 87      | 82      | 92    |
| HMFx 125 T4/T8 (A6:6) F300 (8p - 28°) | Inlet | 61    | 71     | 76     | 82     | 87      | 86      | 88      | 83      | 93    |
| HMFx 125 T4/T8 (A6:6) F300 (8p - 30°) | Inlet | 63    | 72     | 77     | 83     | 87      | 87      | 89      | 84      | 93    |
| HMFx 125 T4/T8 (A6:6) F300 (8p - 32°) | Inlet | 65    | 73     | 78     | 83     | 88      | 88      | 90      | 85      | 94    |
| HMFx 125 T4/T8 (A6:6) F300 (8p - 34°) | Inlet | 63    | 71     | 76     | 81     | 85      | 86      | 87      | 82      | 92    |
| HMFx 125 T4/T8 (A6:6) F300 (8p - 36°) | Inlet | 61    | 69     | 74     | 79     | 82      | 83      | 85      | 78      | 89    |
| HMFx 125 T4/T8 (A6:6) F300 (8p - 38°) | Inlet | 60    | 68     | 73     | 78     | 81      | 82      | 83      | 77      | 88    |
| HMFx 125 T4/T8 (A6:6) F300 (8p - 40°) | Inlet | 61    | 69     | 74     | 78     | 81      | 82      | 83      | 77      | 88    |
| HMFx 125 T4/T8 (A6:6) F300 (8p - 42°) | Inlet | 63    | 71     | 76     | 80     | 82      | 83      | 84      | 77      | 89    |
| HMFx 125 T4/T8 (A6:6) F300 (4p - 20°) | Inlet | 34    | 40     | 48     | 51     | 55      | 57      | 57      | 51      | 62    |
| HMFx 125 T4/T8 (A6:6) F300 (4p - 22°) | Inlet | 72    | 83     | 89     | 96     | 100     | 100     | 100     | 97      | 106   |
| HMFx 125 T4/T8 (A6:6) F300 (4p - 24°) | Inlet | 73    | 84     | 90     | 97     | 101     | 101     | 101     | 98      | 107   |
| HMFx 125 T4/T8 (A6:6) F300 (4p - 26°) | Inlet | 75    | 85     | 91     | 97     | 101     | 102     | 102     | 98      | 108   |
| HMFx 125 T4/T8 (A6:6) F300 (4p - 28°) | Inlet | 77    | 86     | 92     | 98     | 102     | 102     | 103     | 98      | 108   |
| HMFx 125 T4/T8 (A6:6) F300 (4p - 30°) | Inlet | 79    | 87     | 93     | 99     | 102     | 103     | 104     | 99      | 109   |

| Sound power Lw dB (A)                 |       |       |        |        |        |         |         |         |         |       |
|---------------------------------------|-------|-------|--------|--------|--------|---------|---------|---------|---------|-------|
| Model                                 |       | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | Total |
| HMFX 125 T4/T8 (A6:6) F300 (4p - 32°) | Inlet | 81    | 88     | 94     | 99     | 103     | 104     | 105     | 100     | 110   |
| HMFX 125 T4/T8 (A6:6) F300 (4p - 34°) | Inlet | 79    | 86     | 92     | 97     | 100     | 102     | 102     | 97      | 108   |
| HMFX 125 T4/T8 (A6:6) F300 (4p - 36°) | Inlet | 77    | 84     | 90     | 95     | 98      | 99      | 100     | 94      | 105   |
| HMFX 125 T4/T8 (A6:6) F300 (4p - 38°) | Inlet | 76    | 83     | 89     | 94     | 97      | 98      | 99      | 93      | 104   |
| HMFX 125 T4/T8 (A6:6) F300 (4p - 40°) | Inlet | 77    | 84     | 90     | 94     | 97      | 98      | 99      | 93      | 104   |
| HMFX 125 T4/T8 (A6:6) F300 (4p - 42°) | Inlet | 79    | 86     | 92     | 95     | 98      | 99      | 100     | 93      | 105   |