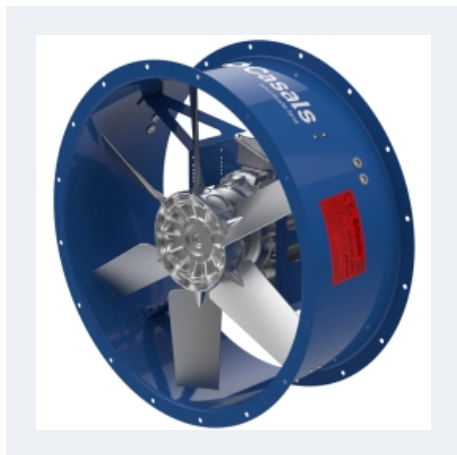


HCF F400



SHORT CASE AXIAL FAN

MANUFACTURING FEATURES:

- Axial fan short casing with circular reinforced frame.
- Modular motor-impeller assembly. Cast aluminium impeller with variable pitch angle. Polyester powder finishing coat.
- Standard asynchronous squirrel-cage motor with IP-55 protection and Class H insulation certified 400°C/2h. 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.
- 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-1994

Accessories



AC



AVS



BA-400



BAD



INT



INT 400



JE 45



KIT TE



KIT TM



PO



RP



RP1



SFC



**SIL-C /
SIL-CN**

Technical data

Three-phase motor / 4 poles

Code	Model	Angle	Min. Rated power kW	Max. Rated power kW	Max. Airflow m³/h	Sound db (A)**	Weight kg	Connect. diagram
	HCF 45 T4 (A5:6) F400	20° - 45°	0,75	0,75	6.170	51	14	1
	HCF 50 T4 (A5:6) F400	25° - 45°	0,75	0,75	9.180	55	21	1
	HCF 56 T4 (A5:6) F400	20° - 45°	0,75	1,50	14.480	70	22	1
	HCF 63 T4 (A5:6) F400	20° - 45°	0,75	2,20	20.110	74	25	1
	HCF 71 T4 (A5:6) F400	20° - 45°	0,75	3,00	27.220	79	32	1
	HCF 80 T4 (A5:6) F400	20° - 45°	2,20	4,00	37.370	76	39	1
	HCF 90 T4 (A3:4) F400	20° - 42°	3,00	15,00	48.110	67	86	1
	HCF 90 T4 (A3:8) F400	20° - 42°	3,00	15,00	54.810	72	91	1
	HCF 100 T4 (A3:4) F400	20° - 42°	5,50	22,00	67.210	72	106	1
	HCF 100 T4 (A3:8) F400	20° - 42°	5,50	22,00	77.810	81	111	1
	HCF 112 T4 (A3:4) F400	20° - 42°	7,50	37,00	92.110	76	131	1
	HCF 112 T4 (A3:8) F400	20° - 42°	7,50	37,00	104.010	83	137	1
	HCF 125 T4 (A3:4) F400	20° - 42°	11,00	45,00	124.010	83	144	1
	HCF 125 T4 (A3:8) F400	20° - 42°	11,00	45,00	141.010	89	151	1

Three-phase motor / 6 poles

Code	Model	Angle	Min. Rated power kW	Max. Rated power kW	Max. Airflow m³/h	Sound db (A)**	Weight kg	Connect. diagram
	HCF 45 T6 (A5:6) F400	25° - 45°	0,75	0,75	4.060	42	14	1
	HCF 50 T6 (A5:6) F400	25° - 45°	0,75	0,75	5.950	46	21	1
	HCF 56 T6 (A5:6) F400	20° - 45°	0,75	0,75	9.660	67	22	1
	HCF 63 T6 (A5:6) F400	20° - 45°	0,75	0,75	13.410	71	25	1
	HCF 71 T6 (A5:6) F400	20° - 45°	0,75	0,75	18.150	76	32	1
	HCF 80 T6 (A5:6) F400	20° - 45°	0,75	2,20	24.910	72	39	1
	HCF 90 T6 (A3:4) F400	20° - 42°	1,50	5,50	31.210	57	86	1
	HCF 90 T6 (A3:8) F400	20° - 42°	1,50	5,50	35.510	62	91	1
	HCF 100 T6 (A3:4) F400	20° - 42°	3,00	7,50	43.610	63	106	1
	HCF 100 T6 (A3:8) F400	20° - 42°	3,00	7,50	50.410	71	111	1
	HCF 112 T6 (A3:4) F400	20° - 42°	3,00	11,00	59.710	66	131	1
	HCF 112 T6 (A3:8) F400	20° - 42°	3,00	11,00	67.610	73	137	1
	HCF 125 T6 (A3:4) F400	20° - 42°	3,00	15,00	80.610	73	144	1
	HCF 125 T6 (A3:8) F400	20° - 42°	3,00	15,00	91.410	80	151	1

2 speed motor / 4/8 poles

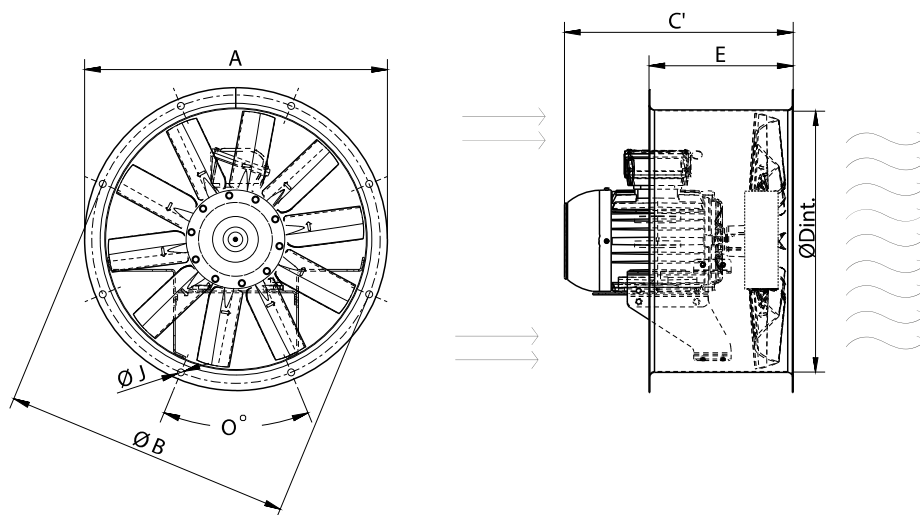
Code	Model	Angle	Min. Rated power kW	Max. Rated power kW	Max. Airflow w m³/h	Sound db (A)**	Weight kg	Connect. diagram
	HCF 45 T4/T8 (A5:6) F400	20° - 45°	0,60	1,60	7.310	51	14	1
	HCF 50 T4/T8 (A5:6) F400	20° - 45°	0,60	1,60	10.210	55	21	1
	HCF 56 T4/T8 (A5:6) F400	20° - 45°	0,60	2,80	14.480	70	22	2
	HCF 63 T4/T8 (A5:6) F400	20° - 45°	0,60	2,80	20.110	74	25	2
	HCF 71 T4/T8 (A5:6) F400	20° - 45°	0,60	4,00	27.220	79	32	2
	HCF 80 T4/T8 (A5:6) F400	20° - 45°	1,20	4,00	37.370	76	39	2
	HCF 90 T4/T8 (A3:4) F400	20° - 42°	2,80	17,00	48.110	67	86	2
	HCF 90 T4/T8 (A3:8) F400	20° - 42°	5,50	17,00	54.810	72	91	2
	HCF 100 T4/T8 (A3:4) F400	20° - 42°	5,50	20,00	67.210	72	106	2
	HCF 100 T4/T8 (A3:8) F400	20° - 42°	5,50	20,00	77.810	81	111	2
	HCF 112 T4/T8 (A3:4) F400	20° - 42°	5,50	37,00	92.110	76	131	2
	HCF 112 T4/T8 (A3:8) F400	20° - 42°	5,50	37,00	104. 010	83	137	2
	HCF 125 T4/T8 (A3:4) F400	20° - 42°	11,00	44,00	124. 010	83	144	2
	HCF 125 T4/T8 (A3:8) F400	20° - 42°	11,00	44,00	141. 010	89	151	2

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	C' (Mot. T.63)	C' (Mot. T.71)	C' (Mot. T.80)	C' (Mot. T.90L)	C' (Mot. T.90S)	C' (Mot. T.100L)	C' (Mot. T.112)	C' (Mot. T.112M)	C' (Mot. T.132)
HCF 45 T4 (A5:6) F400	338	348	357	397	372	428	-	-	-
HCF 45 T6 (A5:6) F400	338	348	357	397	372	428	-	-	-
HCF 45 T4/T8 (A5:6) F400	338	348	357	397	372	428	-	-	-
HCF 50 T4 (A5:6) F400	-	348	360	397	372	428	-	-	-
HCF 50 T6 (A5:6) F400	-	348	360	397	372	428	-	-	-
HCF 50 T4/T8 (A5:6) F400	-	348	360	397	372	428	-	-	-
HCF 56 T4 (A5:6) F400	-	348	362	397	372	433	-	-	-
HCF 56 T6 (A5:6) F400	-	348	362	397	372	433	-	-	-
HCF 56 T4/T8 (A5:6) F400	-	348	362	397	372	433	-	-	-
HCF 63 T4 (A5:6) F400	-	-	359	398	393	450	-	471	-
HCF 63 T6 (A5:6) F400	-	-	359	398	393	450	-	471	-
HCF 63 T4/T8 (A5:6) F400	-	-	359	398	393	450	-	471	-
HCF 71 T4 (A5:6) F400	-	-	362	421	396	452	-	473	-
HCF 71 T6 (A5:6) F400	-	-	362	421	396	452	-	473	-
HCF 71 T4/T8 (A5:6) F400	-	-	362	421	396	452	-	473	-
HCF 80 T4 (A5:6) F400	-	-	-	445	445	476	-	477	-
HCF 80 T6 (A5:6) F400	-	-	-	445	445	476	-	477	-
HCF 80 T4/T8 (A5:6) F400	-	-	-	445	445	476	-	477	-
HCF 90 T4 (A3:4) F400	-	-	-	-	-	655	655	-	655
HCF 90 T4 (A3:8) F400	-	-	-	-	-	655	655	-	655
HCF 90 T6 (A3:4) F400	-	-	-	-	-	655	655	-	655

Model	C' (Mot. T.63)	C' (Mot. T.71)	C' (Mot. T.80)	C' (Mot. T.90L)	C' (Mot. T.90S)	C' (Mot. T.100L)	C' (Mot. T.112)	C' (Mot. T.112M)	C' (Mot. T.132)
HCF 90 T6 (A3:8) F400	-	-	-	-	-	655	655	-	655
HCF 90 T4/T8 (A3:4) F400	-	-	-	-	-	655	655	-	655
HCF 90 T4/T8 (A3:8) F400	-	-	-	-	-	655	655	-	655
HCF 100 T4 (A3:4) F400	-	-	-	-	-	-	-	-	655
HCF 100 T4 (A3:8) F400	-	-	-	-	-	-	-	-	655
HCF 100 T6 (A3:4) F400	-	-	-	-	-	-	-	-	655
HCF 100 T6 (A3:8) F400	-	-	-	-	-	-	-	-	655
HCF 100 T4/T8 (A3:4) F400	-	-	-	-	-	-	-	-	655
HCF 100 T4/T8 (A3:8) F400	-	-	-	-	-	-	-	-	655
HCF 112 T4 (A3:4) F400	-	-	-	-	-	-	-	-	765
HCF 112 T4 (A3:8) F400	-	-	-	-	-	-	-	-	765
HCF 112 T6 (A3:4) F400	-	-	-	-	-	-	-	-	765
HCF 112 T6 (A3:8) F400	-	-	-	-	-	-	-	-	765
HCF 112 T4/T8 (A3:4) F400	-	-	-	-	-	-	-	-	765
HCF 112 T4/T8 (A3:8) F400	-	-	-	-	-	-	-	-	765
HCF 125 T4 (A3:4) F400	-	-	-	-	-	-	-	-	765
HCF 125 T4 (A3:8) F400	-	-	-	-	-	-	-	-	765
HCF 125 T6 (A3:4) F400	-	-	-	-	-	-	-	-	765
HCF 125 T6 (A3:8) F400	-	-	-	-	-	-	-	-	765
HCF 125 T4/T8 (A3:4) F400	-	-	-	-	-	-	-	-	765
HCF 125 T4/T8 (A3:8) F400	-	-	-	-	-	-	-	-	765

Model	C' (Mot. T.132M)	C' (Mot. T.132S)	C' (Mot. T.160L)	C' (Mot. T.160M)	C' (Mot. T.180L)	C' (Mot. T.180M)	C' (Mot. T.200)	C' (Mot. T.225)	E
HCF 45 T4 (A5:6) F400	-	-	-	-	-	-	-	-	250
HCF 45 T6 (A5:6) F400	-	-	-	-	-	-	-	-	250
HCF 45 T4/T8 (A5:6) F400	-	-	-	-	-	-	-	-	250
HCF 50 T4 (A5:6) F400	-	-	-	-	-	-	-	-	250
HCF 50 T6 (A5:6) F400	-	-	-	-	-	-	-	-	250
HCF 50 T4/T8 (A5:6) F400	-	-	-	-	-	-	-	-	250
HCF 56 T4 (A5:6) F400	-	-	-	-	-	-	-	-	250
HCF 56 T6 (A5:6) F400	-	-	-	-	-	-	-	-	250
HCF 56 T4/T8 (A5:6) F400	-	-	-	-	-	-	-	-	250
HCF 63 T4 (A5:6) F400	-	-	-	-	-	-	-	-	250
HCF 63 T6 (A5:6) F400	-	-	-	-	-	-	-	-	250
HCF 63 T4/T8 (A5:6) F400	-	-	-	-	-	-	-	-	250
HCF 71 T4 (A5:6) F400	-	-	-	-	-	-	-	-	350
HCF 71 T6 (A5:6) F400	-	-	-	-	-	-	-	-	350
HCF 71 T4/T8 (A5:6) F400	-	-	-	-	-	-	-	-	350
HCF 80 T4 (A5:6) F400	571	533	-	-	-	-	-	-	350

Model	C' (Mot. T.132M)	C' (Mot. T.132S)	C' (Mot. T.160L)	C' (Mot. T.160M)	C' (Mot. T.180L)	C' (Mot. T.180M)	C' (Mot. T.200)	C' (Mot. T.225)	E
HCF 80 T6 (A5:6) F400	571	533	-	-	-	-	-	-	350
HCF 80 T4/T8 (A5:6) F400	571	533	-	-	-	-	-	-	350
HCF 90 T4 (A3:4) F400	-	-	762	718	794	756	-	-	425
HCF 90 T4 (A3:8) F400	-	-	762	718	794	756	-	-	425
HCF 90 T6 (A3:4) F400	-	-	762	718	794	756	-	-	425
HCF 90 T6 (A3:8) F400	-	-	762	718	794	756	-	-	425
HCF 90 T4/T8 (A3:4) F400	-	-	762	718	794	756	-	-	425
HCF 90 T4/T8 (A3:8) F400	-	-	762	718	794	756	-	-	425
HCF 100 T4 (A3:4) F400	-	-	762	718	794	756	-	-	425
HCF 100 T4 (A3:8) F400	-	-	762	718	794	756	-	-	425
HCF 100 T6 (A3:4) F400	-	-	762	718	794	756	-	-	425
HCF 100 T6 (A3:8) F400	-	-	762	718	794	756	-	-	425
HCF 100 T4/T8 (A3:4) F400	-	-	762	718	794	756	-	-	425
HCF 100 T4/T8 (A3:8) F400	-	-	762	718	794	756	-	-	425
HCF 112 T4 (A3:4) F400	-	-	772	765	804	766	869	954	500
HCF 112 T4 (A3:8) F400	-	-	772	765	804	766	869	954	500
HCF 112 T6 (A3:4) F400	-	-	772	765	804	766	869	954	500
HCF 112 T6 (A3:8) F400	-	-	772	765	804	766	869	954	500
HCF 112 T4/T8 (A3:4) F400	-	-	772	765	804	766	869	954	500
HCF 112 T4/T8 (A3:8) F400	-	-	772	765	804	766	869	954	500
HCF 125 T4 (A3:4) F400	-	-	772	765	804	766	869	954	500
HCF 125 T4 (A3:8) F400	-	-	772	765	804	766	869	954	500
HCF 125 T6 (A3:4) F400	-	-	772	765	804	766	869	954	500
HCF 125 T6 (A3:8) F400	-	-	772	765	804	766	869	954	500
HCF 125 T4/T8 (A3:4) F400	-	-	772	765	804	766	869	954	500
HCF 125 T4/T8 (A3:8) F400	-	-	772	765	804	766	869	954	500

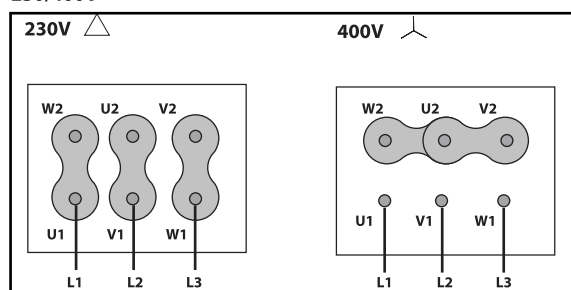
Model	O	ØA	ØB	ØD	ØJ
HCF 45 T4 (A5:6) F400	8X45º	525	500	452	12
HCF 45 T6 (A5:6) F400	8X45º	525	500	452	12
HCF 45 T4/T8 (A5:6) F400	8X45º	525	500	452	12
HCF 50 T4 (A5:6) F400	12x30º	600	560	504	12
HCF 50 T6 (A5:6) F400	12x30º	600	560	504	12
HCF 50 T4/T8 (A5:6) F400	12x30º	600	560	504	12
HCF 56 T4 (A5:6) F400	12X30º	646	620	559	12
HCF 56 T6 (A5:6) F400	12X30º	646	620	559	12
HCF 56 T4/T8 (A5:6) F400	12X30º	646	620	559	12
HCF 63 T4 (A5:6) F400	12X30º	725	690	633	12
HCF 63 T6 (A5:6) F400	12X30º	725	690	633	12
HCF 63 T4/T8 (A5:6) F400	12X30º	725	690	633	12

Model	O	ØA	ØB	ØD	ØJ
HCF 71 T4 (A5:6) F400	16x22,5º	802	770	715	12
HCF 71 T6 (A5:6) F400	16x22,5º	802	770	715	12
HCF 71 T4/T8 (A5:6) F400	16x22,5º	802	770	715	12
HCF 80 T4 (A5:6) F400	16x22,5º	892	860	801	12
HCF 80 T6 (A5:6) F400	16x22,5º	892	860	801	12
HCF 80 T4/T8 (A5:6) F400	16x22,5º	892	860	801	12
HCF 90 T4 (A3:4) F400	16x22,5º	1000	970	903.5	12
HCF 90 T4 (A3:8) F400	16x22,5º	1000	970	903.5	12
HCF 90 T6 (A3:4) F400	16x22,5º	1000	970	903.5	12
HCF 90 T6 (A3:8) F400	16x22,5º	1000	970	903.5	12
HCF 90 T4/T8 (A3:4) F400	16x22,5º	1000	970	903.5	12
HCF 90 T4/T8 (A3:8) F400	16x22,5º	1000	970	903.5	12
HCF 100 T4 (A3:4) F400	16x22,5º	1115	1070	1013	12
HCF 100 T4 (A3:8) F400	16x22,5º	1115	1070	1013	12
HCF 100 T6 (A3:4) F400	16x22,5º	1115	1070	1013	12
HCF 100 T6 (A3:8) F400	16x22,5º	1115	1070	1013	12
HCF 100 T4/T8 (A3:4) F400	16x22,5º	1115	1070	1013	12
HCF 100 T4/T8 (A3:8) F400	16x22,5º	1115	1070	1013	12
HCF 112 T4 (A3:4) F400	16x22,5º	1234	1190	1132	12
HCF 112 T4 (A3:8) F400	16x22,5º	1234	1190	1132	12
HCF 112 T6 (A3:4) F400	16x22,5º	1234	1190	1132	12
HCF 112 T6 (A3:8) F400	16x22,5º	1234	1190	1132	12
HCF 112 T4/T8 (A3:4) F400	16x22,5º	1234	1190	1132	12
HCF 112 T4/T8 (A3:8) F400	16x22,5º	1234	1190	1132	12
HCF 125 T4 (A3:4) F400	20x18º	1365	1320	1263	15
HCF 125 T4 (A3:8) F400	20x18º	1365	1320	1263	15
HCF 125 T6 (A3:4) F400	20x18º	1365	1320	1263	15
HCF 125 T6 (A3:8) F400	20x18º	1365	1320	1263	15
HCF 125 T4/T8 (A3:4) F400	20x18º	1365	1320	1263	15
HCF 125 T4/T8 (A3:8) F400	20x18º	1365	1320	1263	15

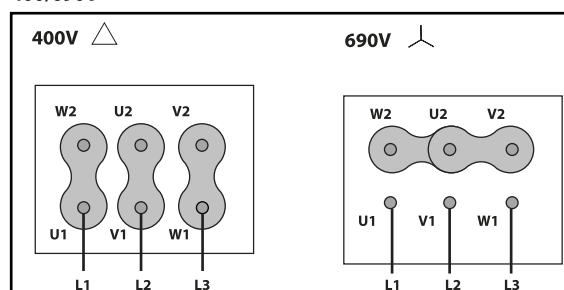
Wiring diagram

Wiring diagram N° 1

230/400V

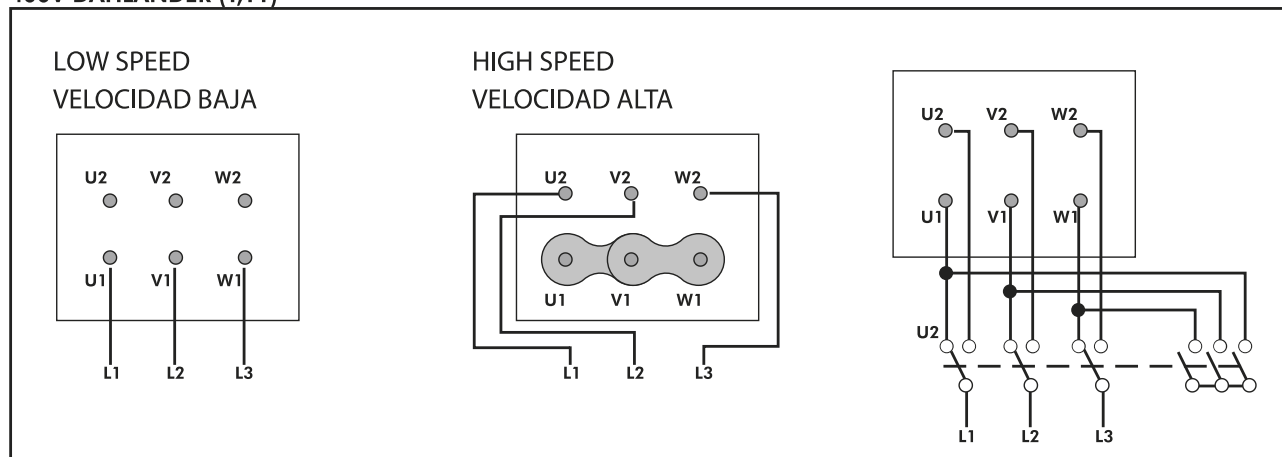


400/690V



Wiring diagram N° 2

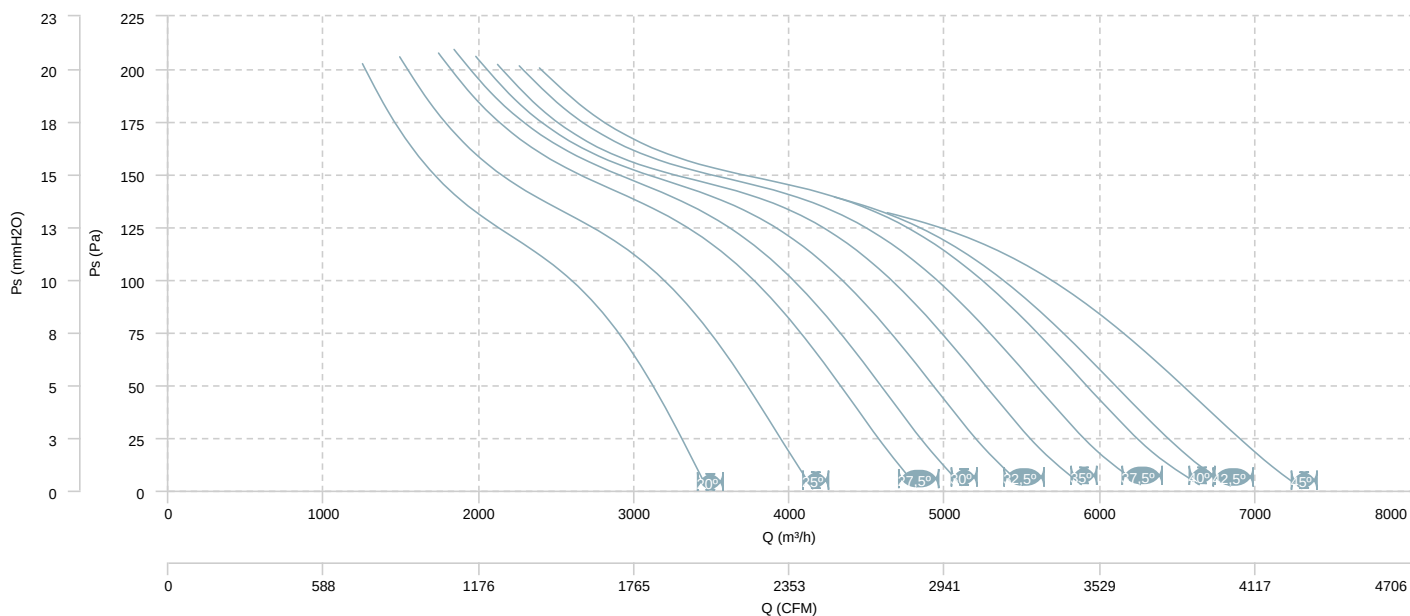
400V DAHLANDER (Y,YY)



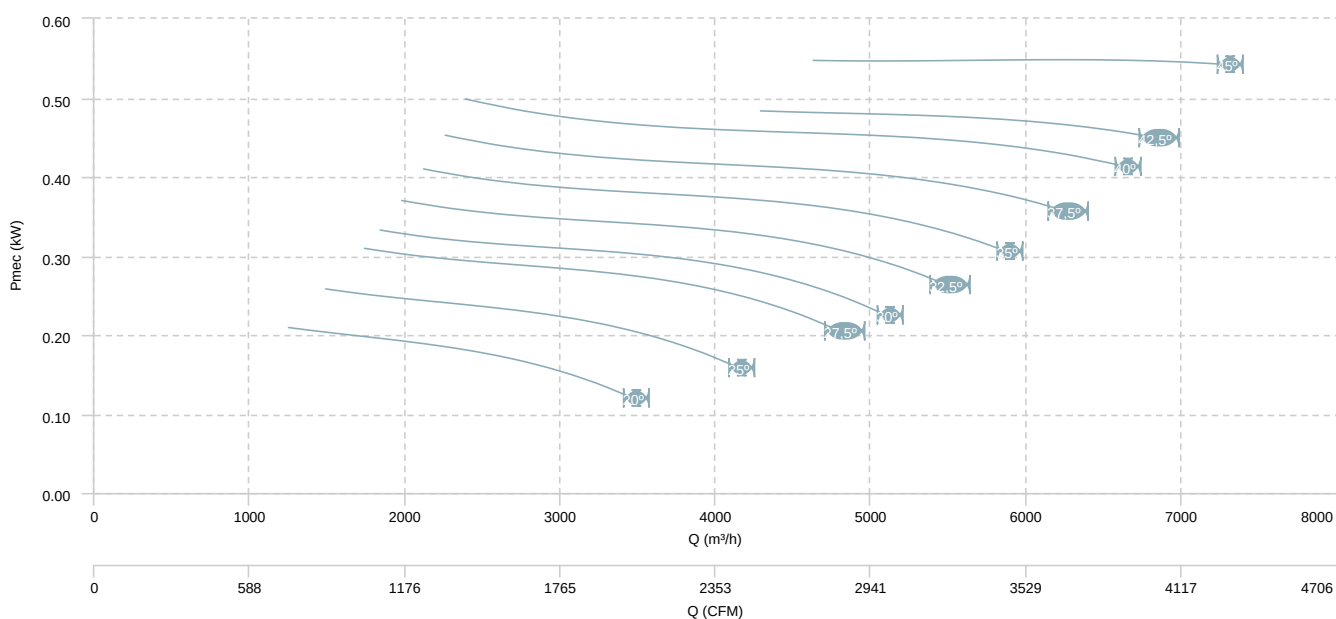
CHARACTERISCTIC CURVE

HCF 45 T4 (A5:6) F400

AIR FLOW - PRESSURE

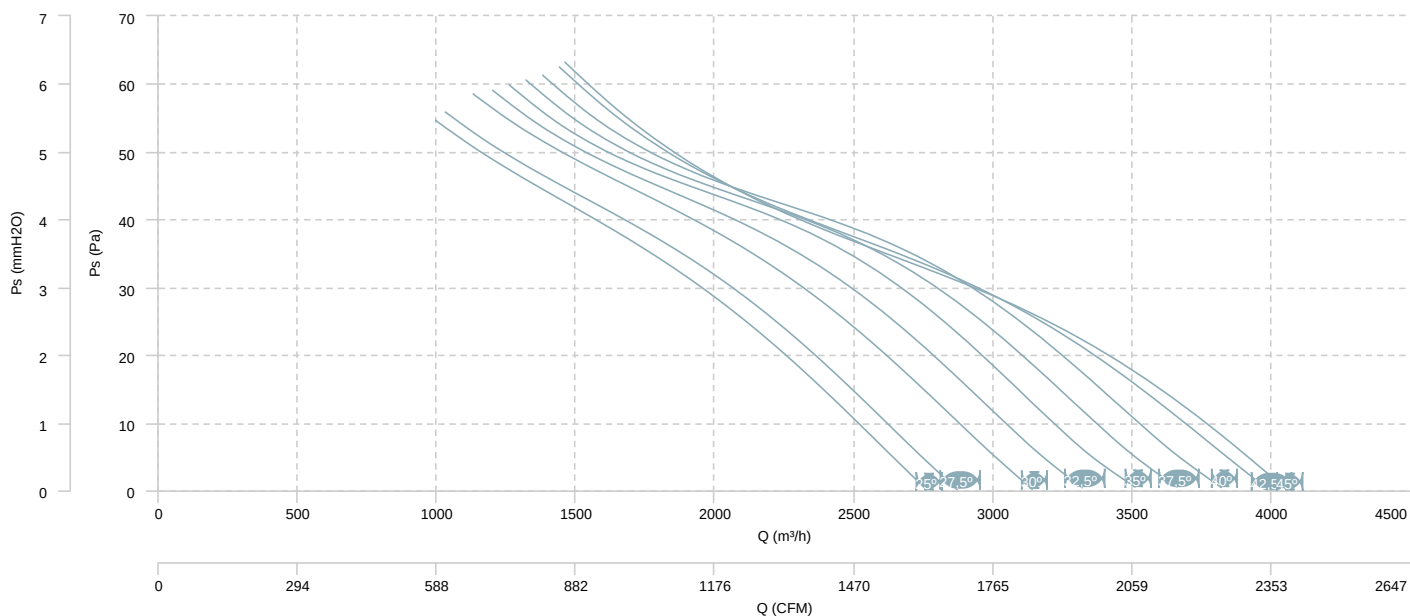


AIR FLOW - MECHANICAL POWER

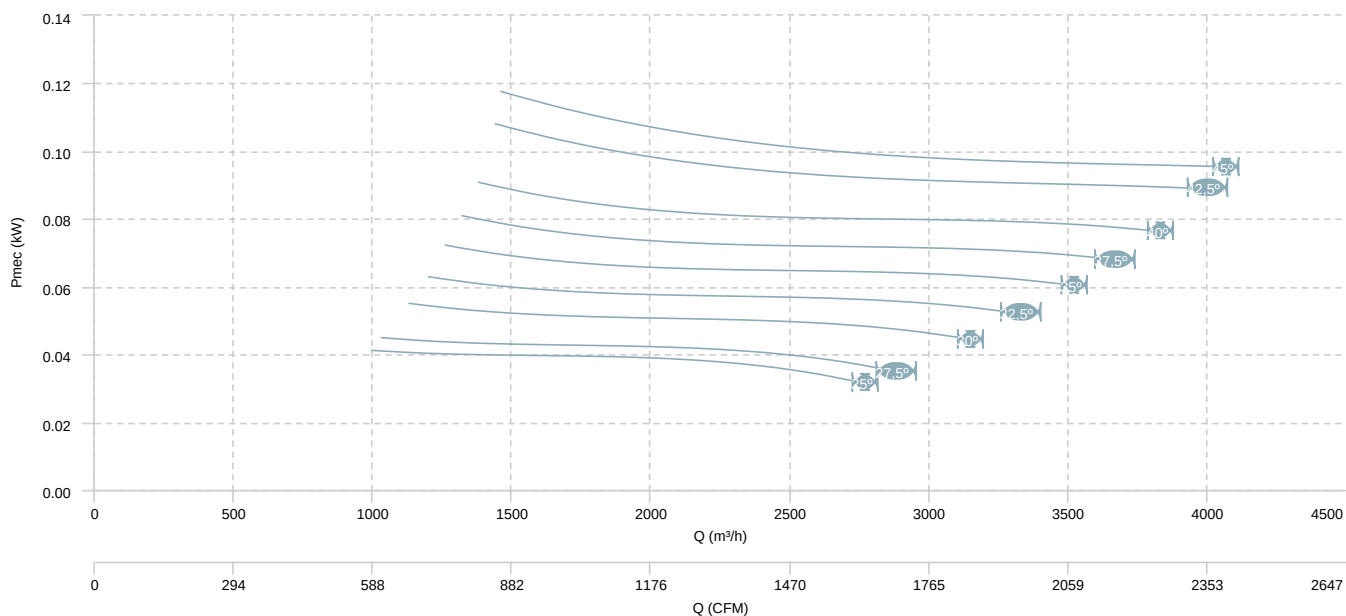


HCF 45 T6 (A5:6) F400

AIR FLOW - PRESSURE

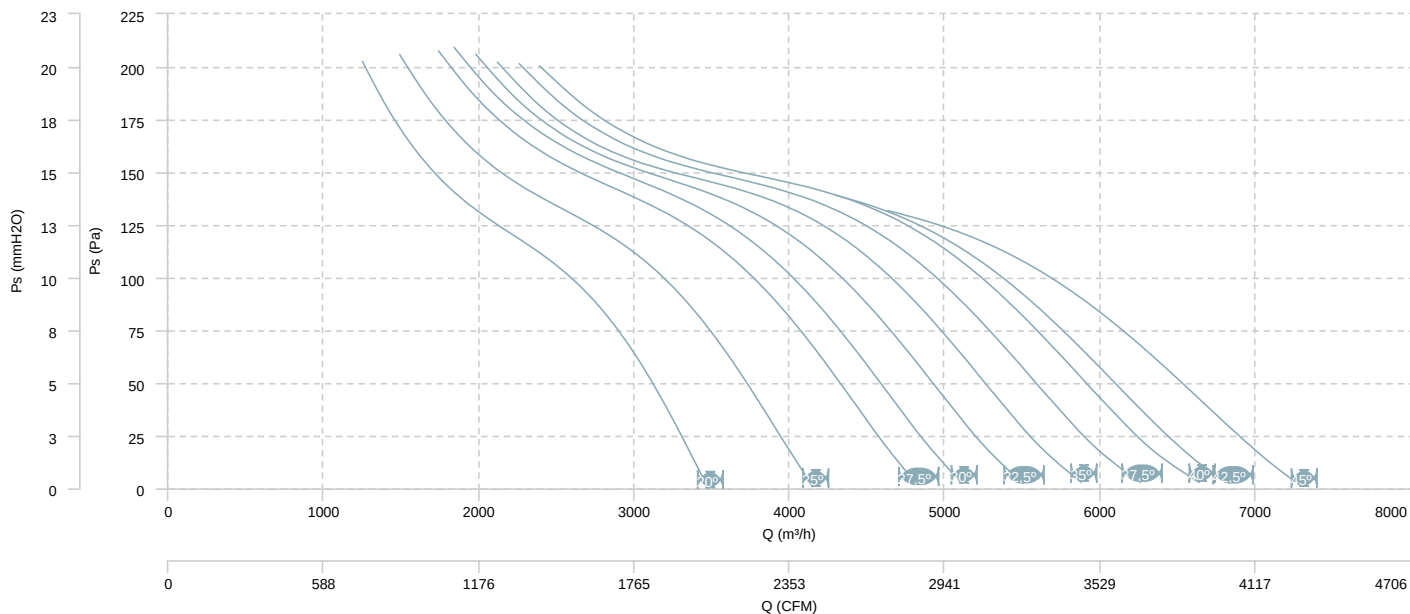


AIR FLOW - MECHANICAL POWER

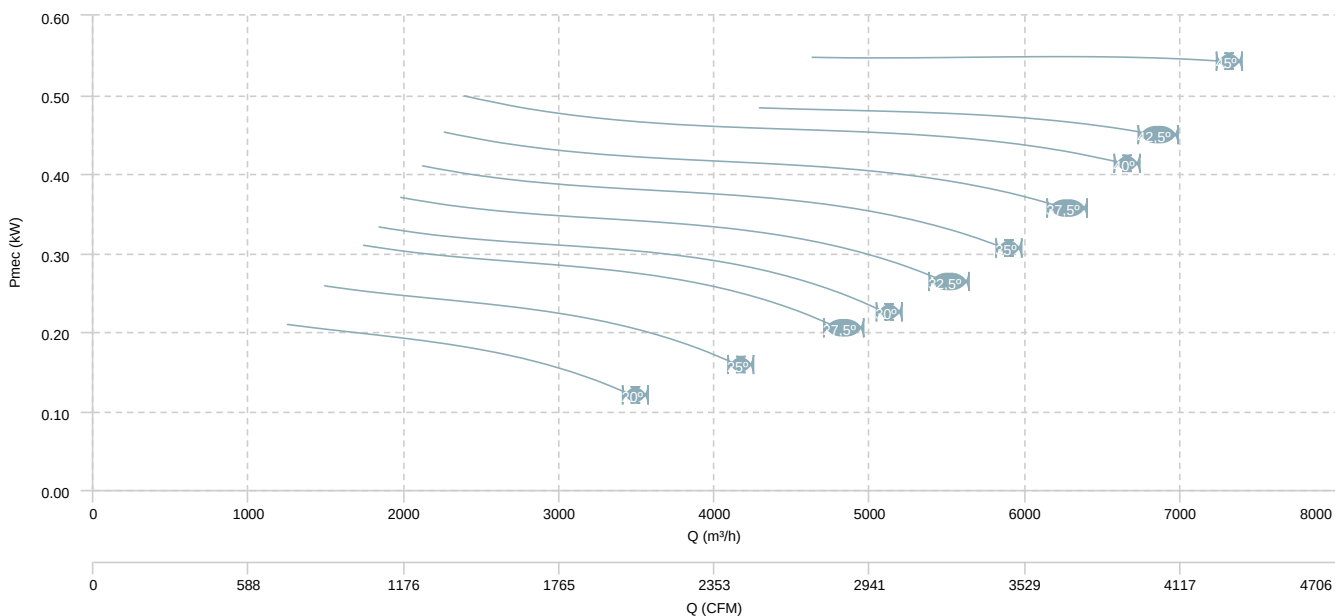


HCF 45 T4/T8 (A5:6) F400

AIR FLOW - PRESSURE (4 poles)

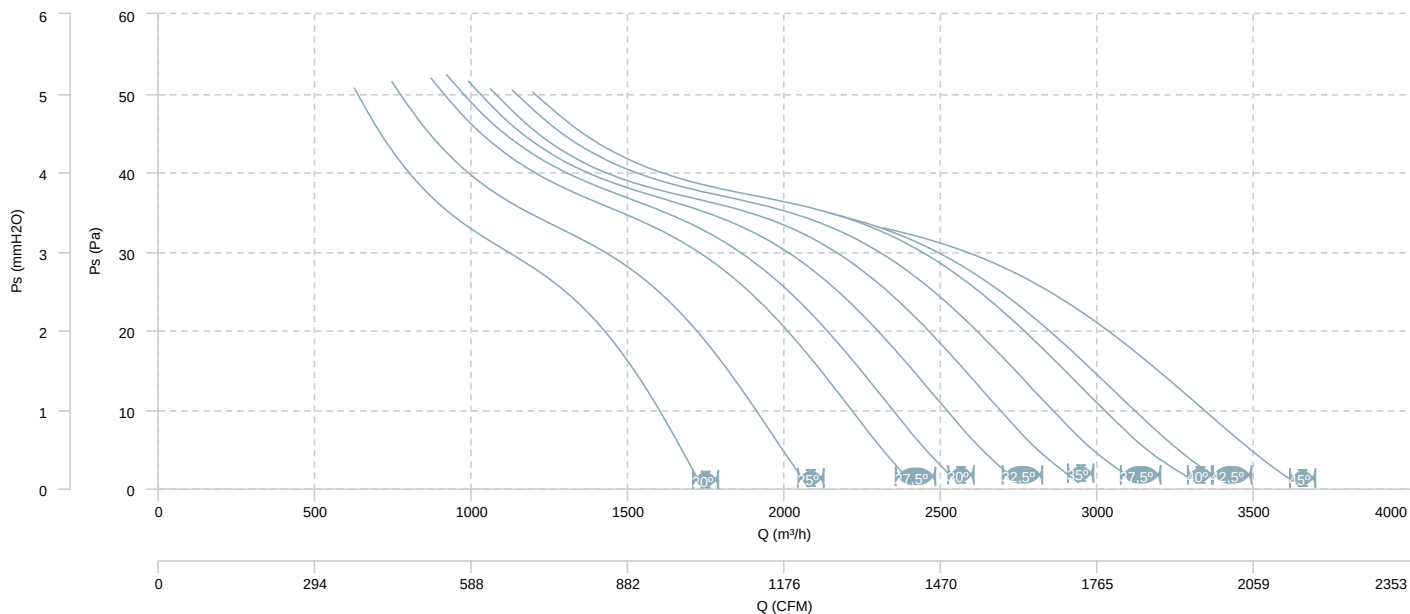


AIR FLOW - MECHANICAL POWER (4 poles)

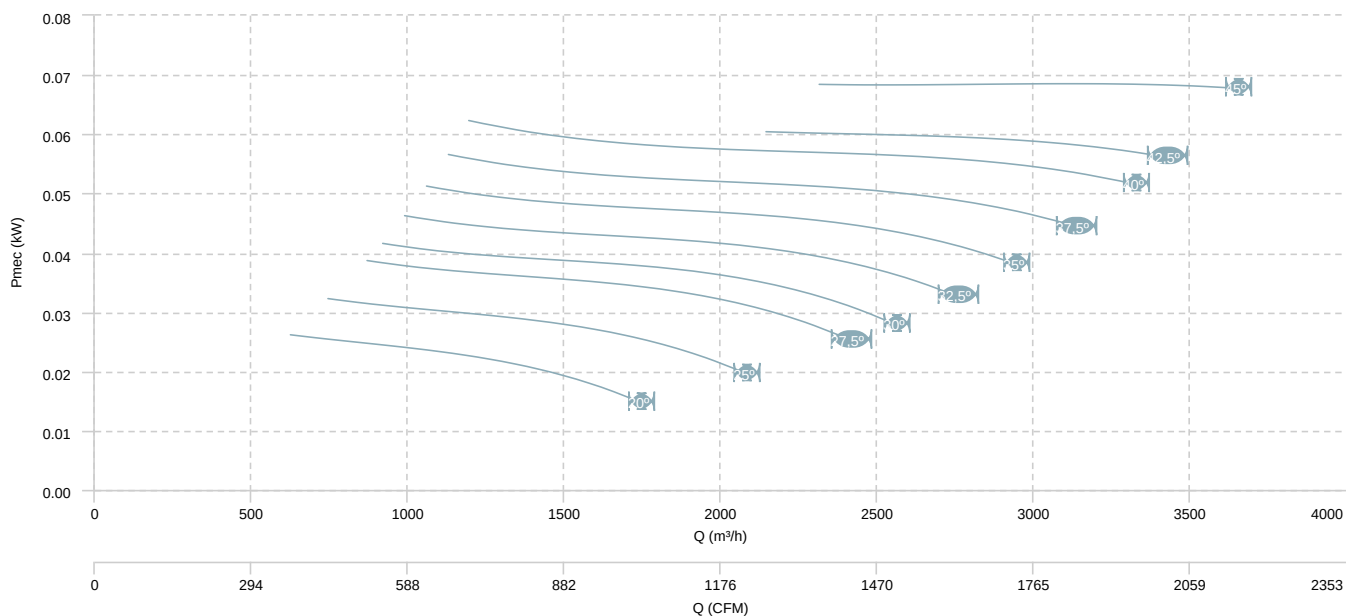


HCF 45 T4/T8 (A5:6) F400

AIR FLOW - PRESSURE (8 poles)

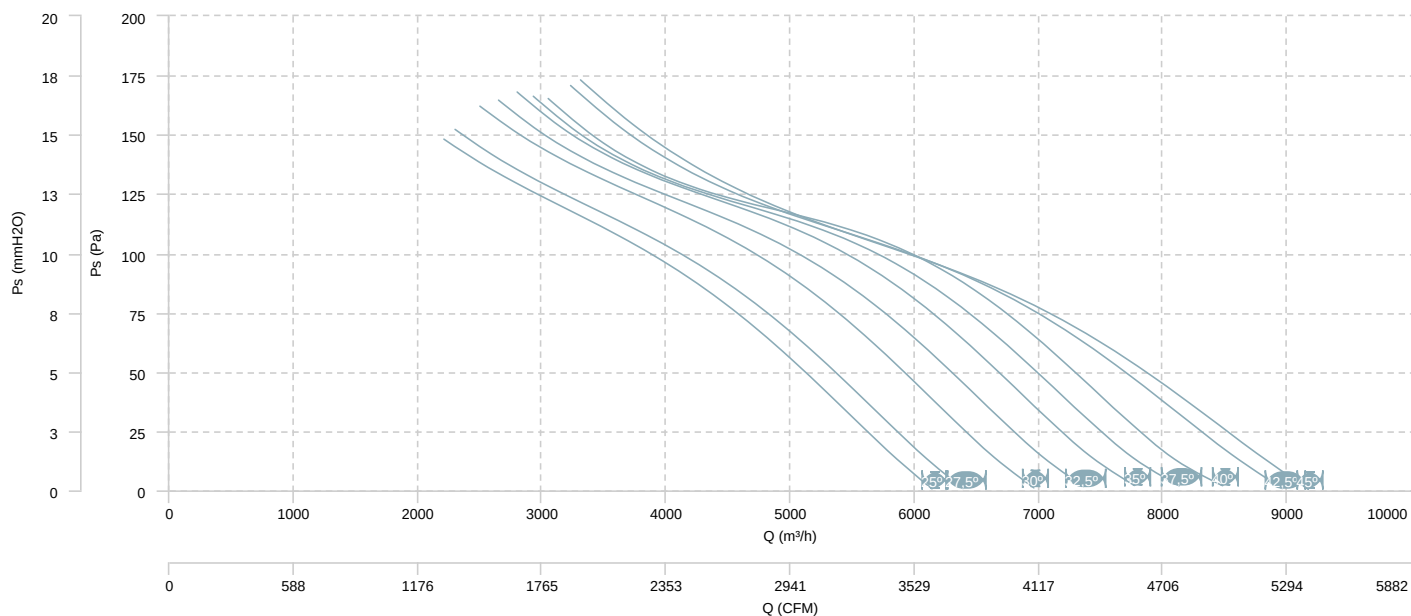


AIR FLOW - MECHANICAL POWER (8 poles)

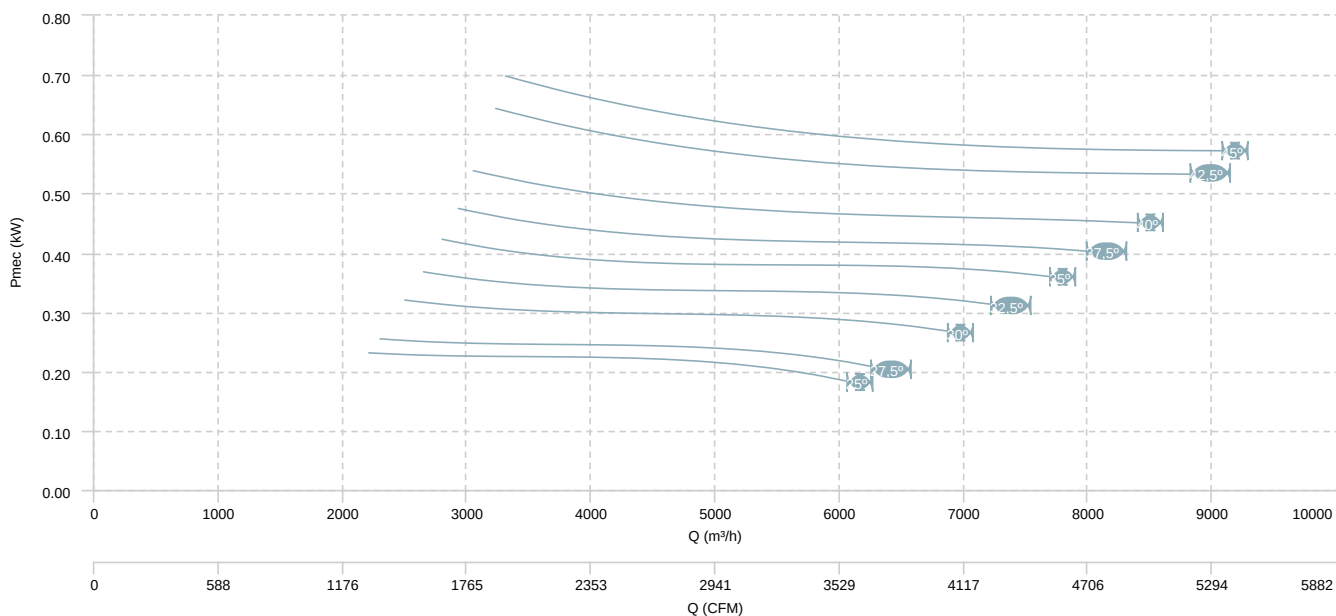


HCF 50 T4 (A5:6) F400

AIR FLOW - PRESSURE

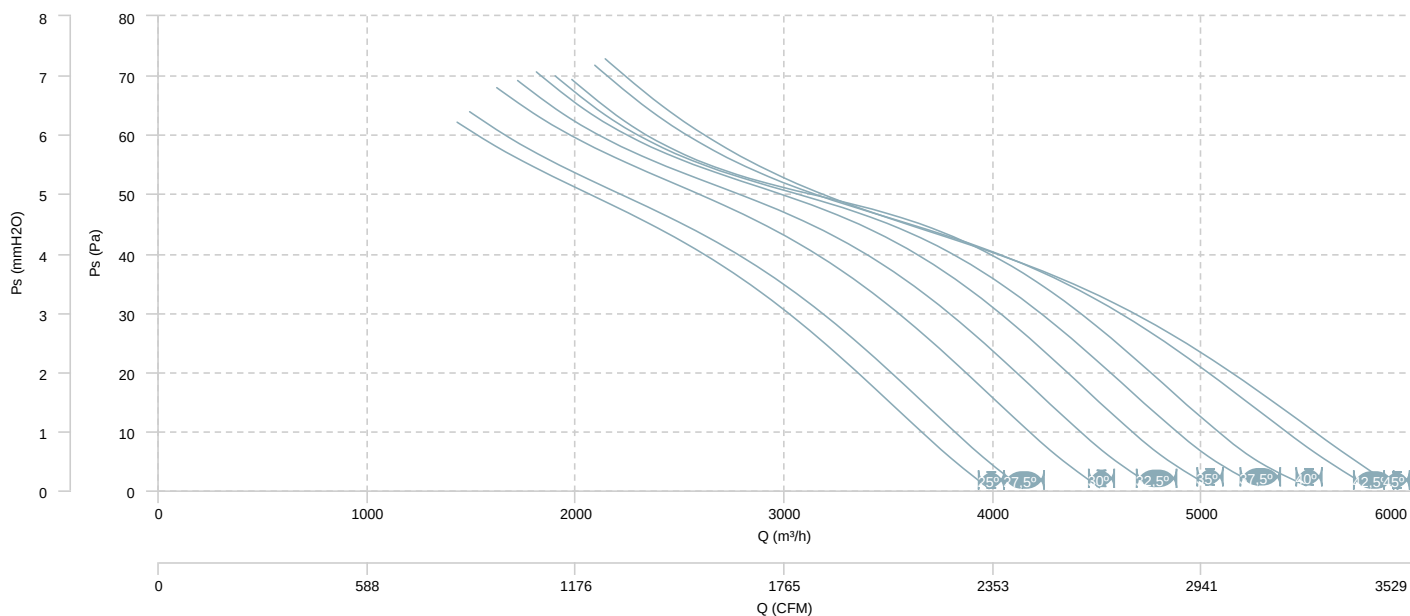


AIR FLOW - MECHANICAL POWER

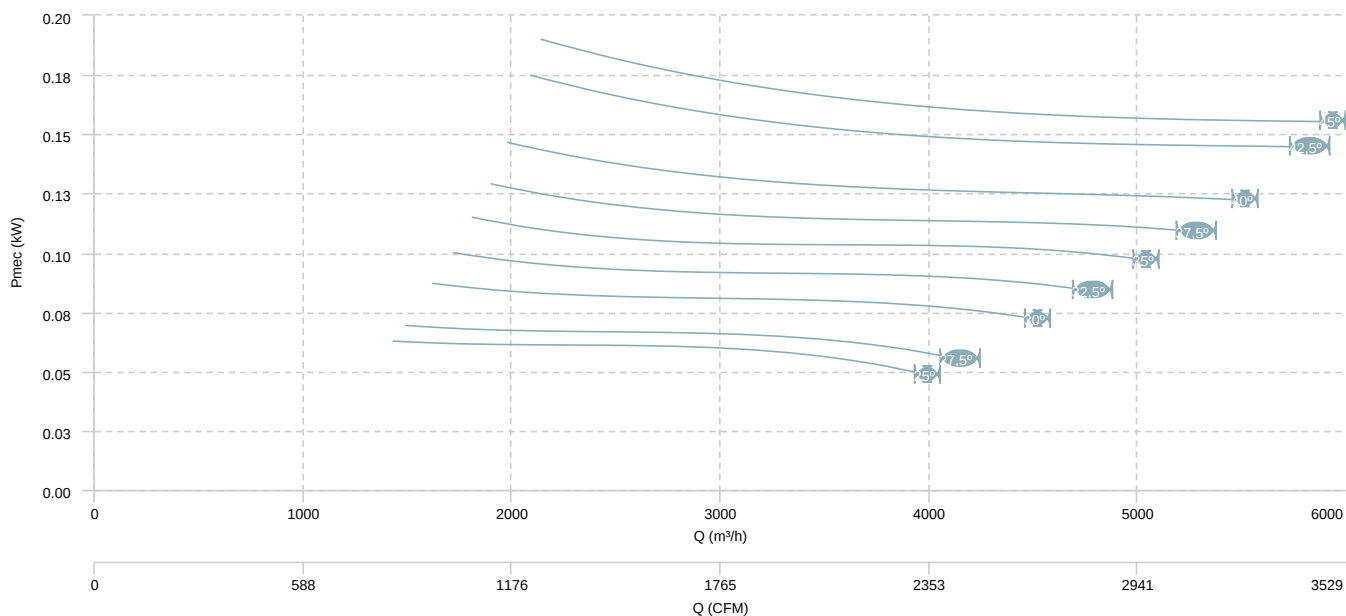


HCF 50 T6 (A5:6) F400

AIR FLOW - PRESSURE

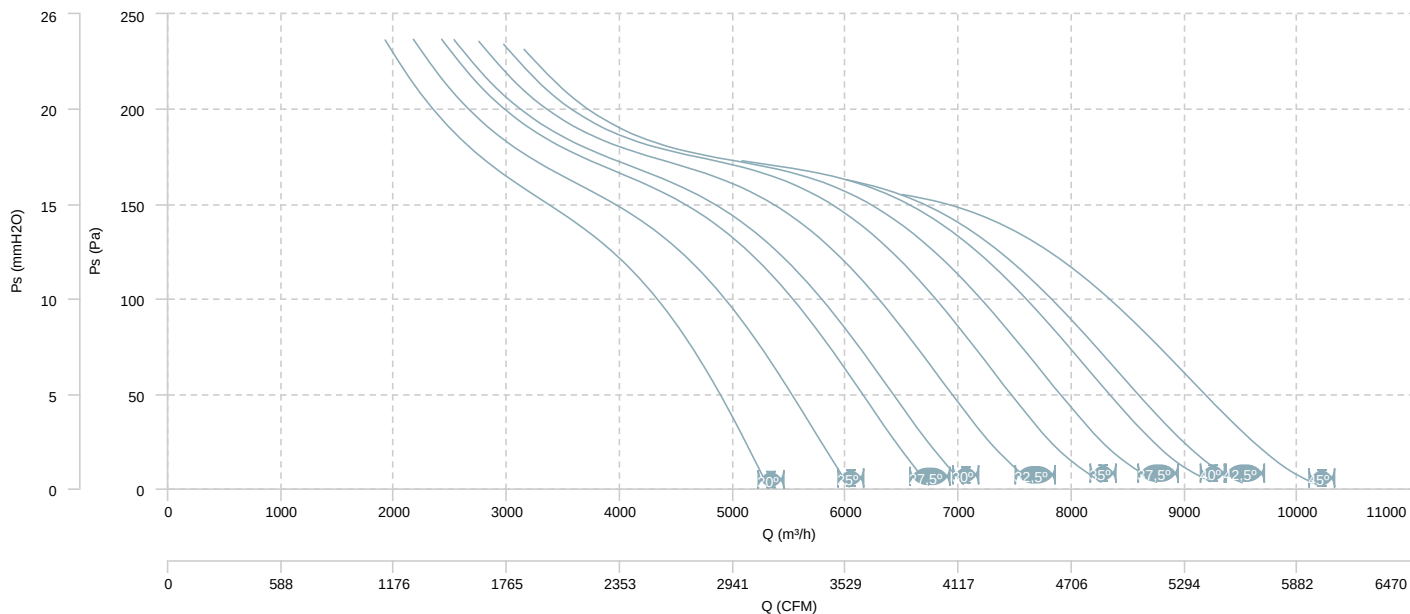


AIR FLOW - MECHANICAL POWER

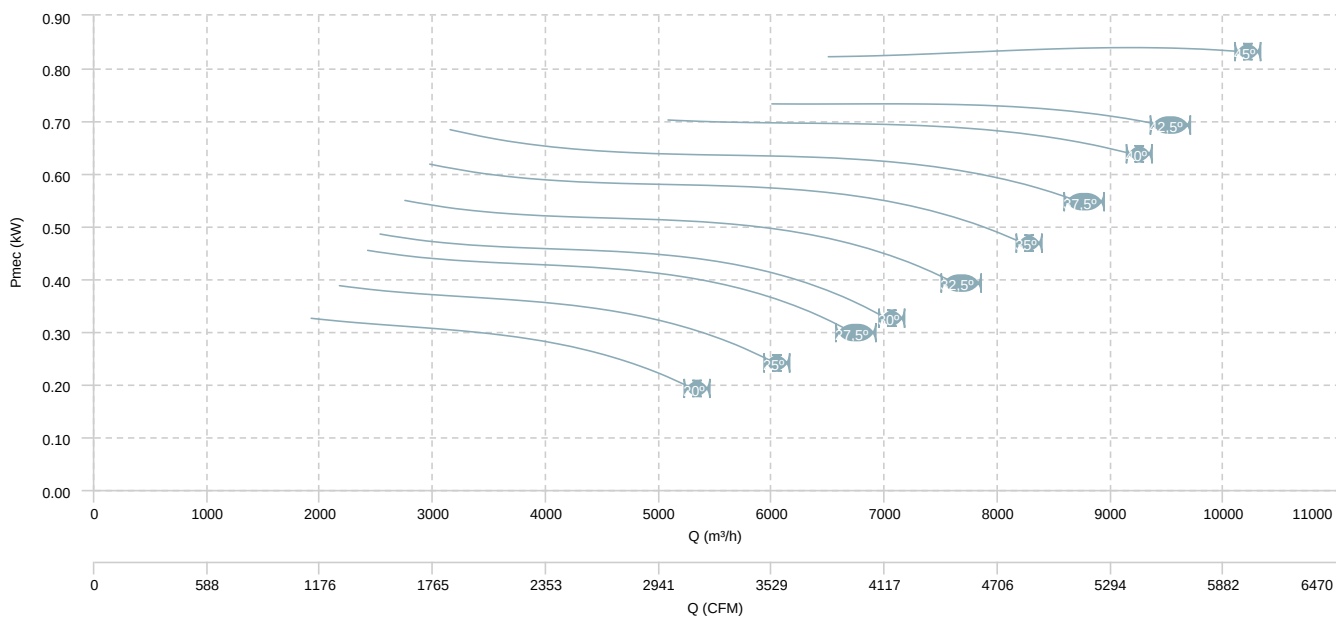


HCF 50 T4/T8 (A5:6) F400

AIR FLOW - PRESSURE (4 poles)

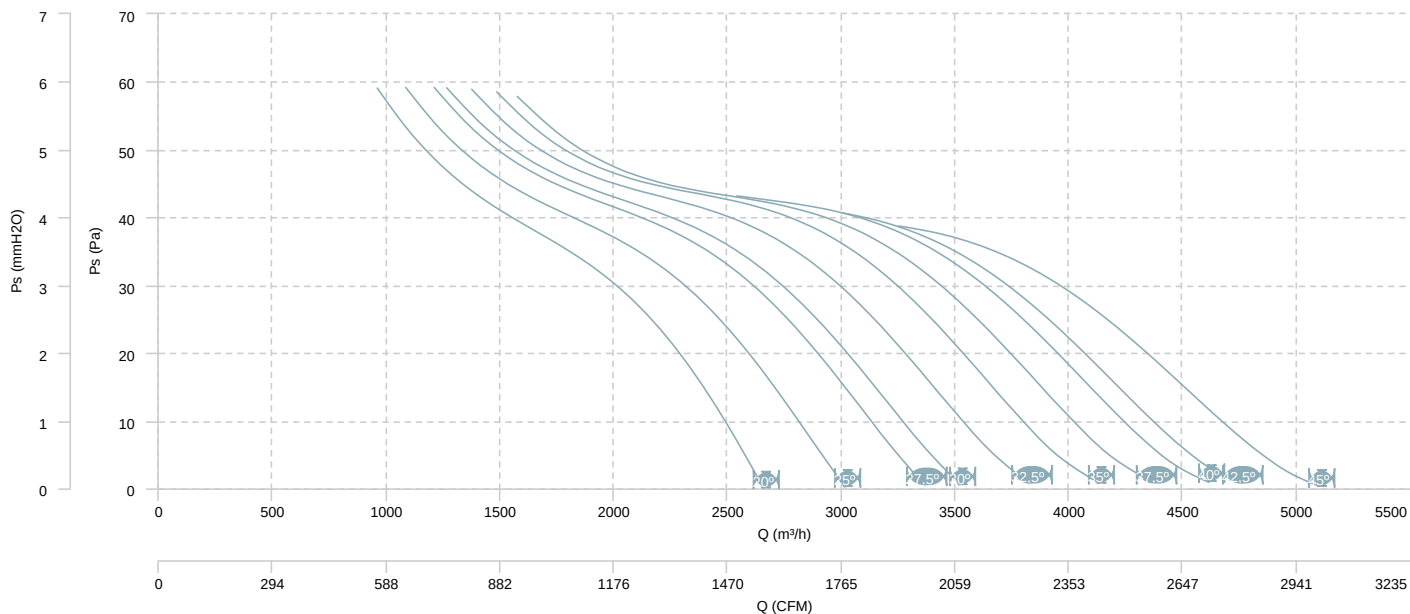


AIR FLOW - MECHANICAL POWER (4 poles)

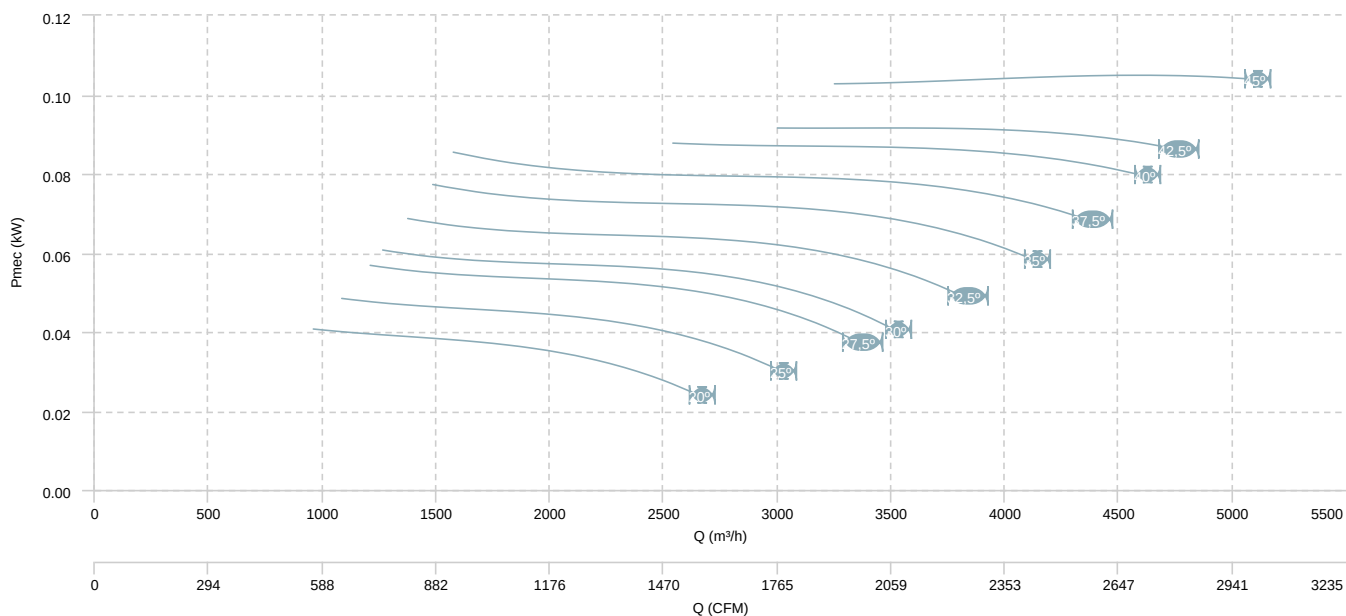


HCF 50 T4/T8 (A5:6) F400

AIR FLOW - PRESSURE (8 poles)

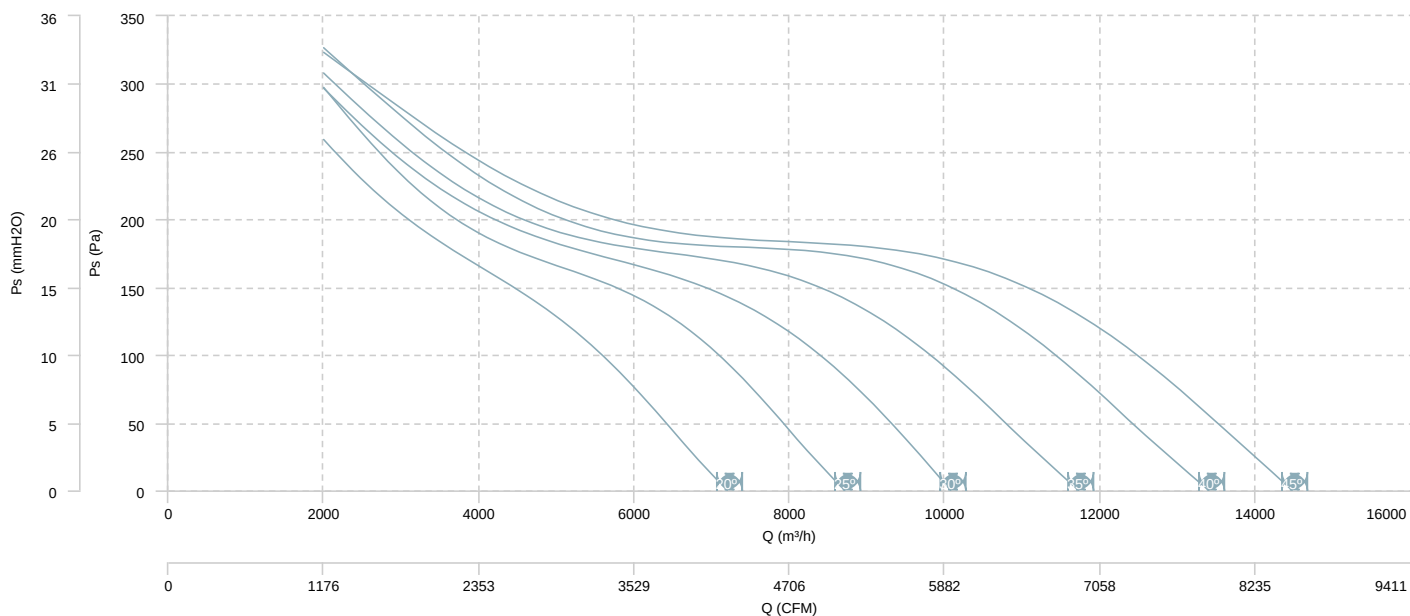


AIR FLOW - MECHANICAL POWER (8 poles)

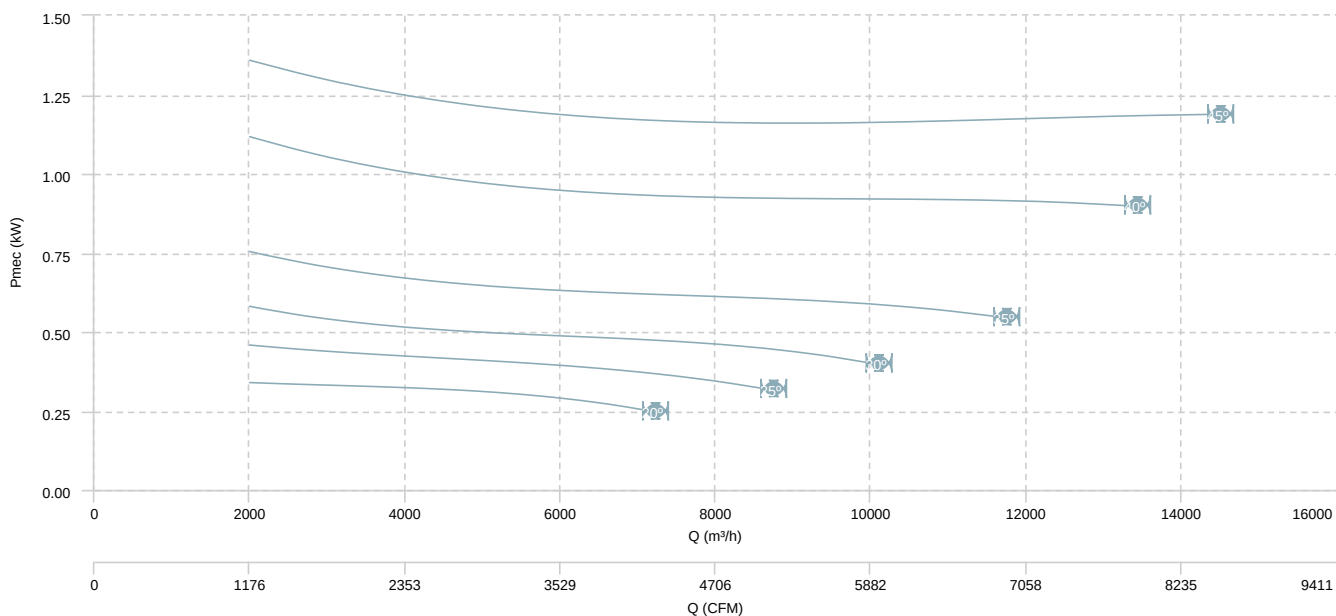


HCF 56 T4 (A5:6) F400

AIR FLOW - PRESSURE

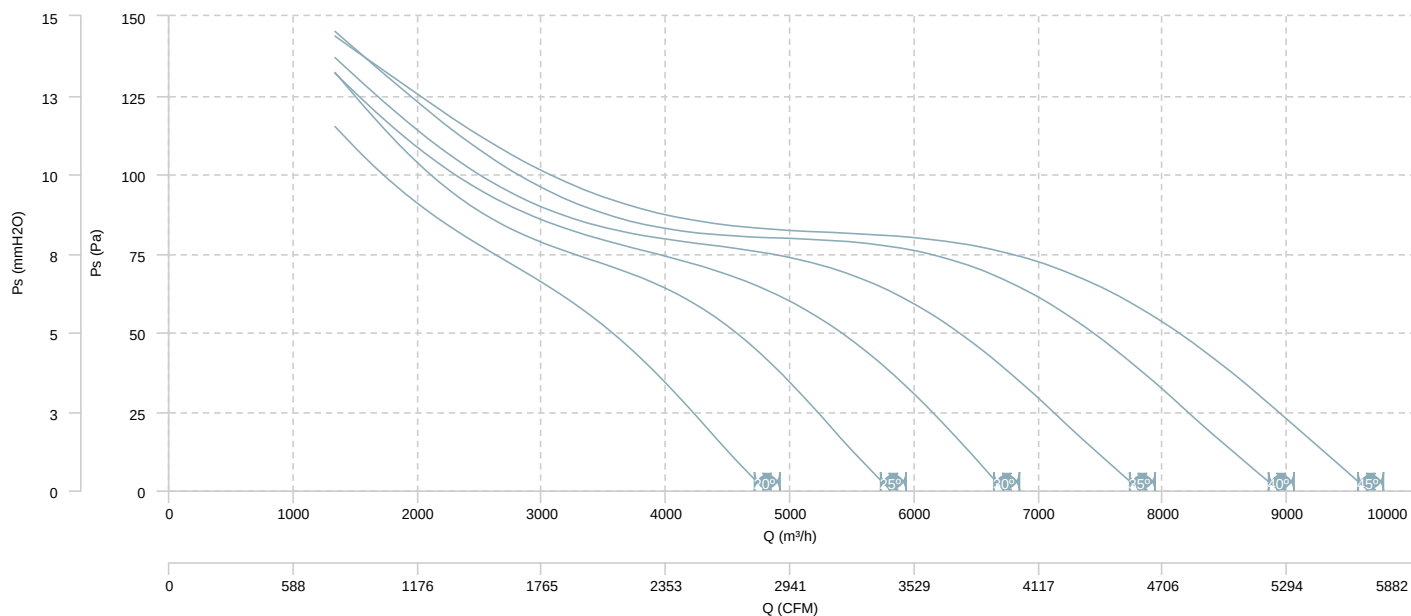


AIR FLOW - MECHANICAL POWER

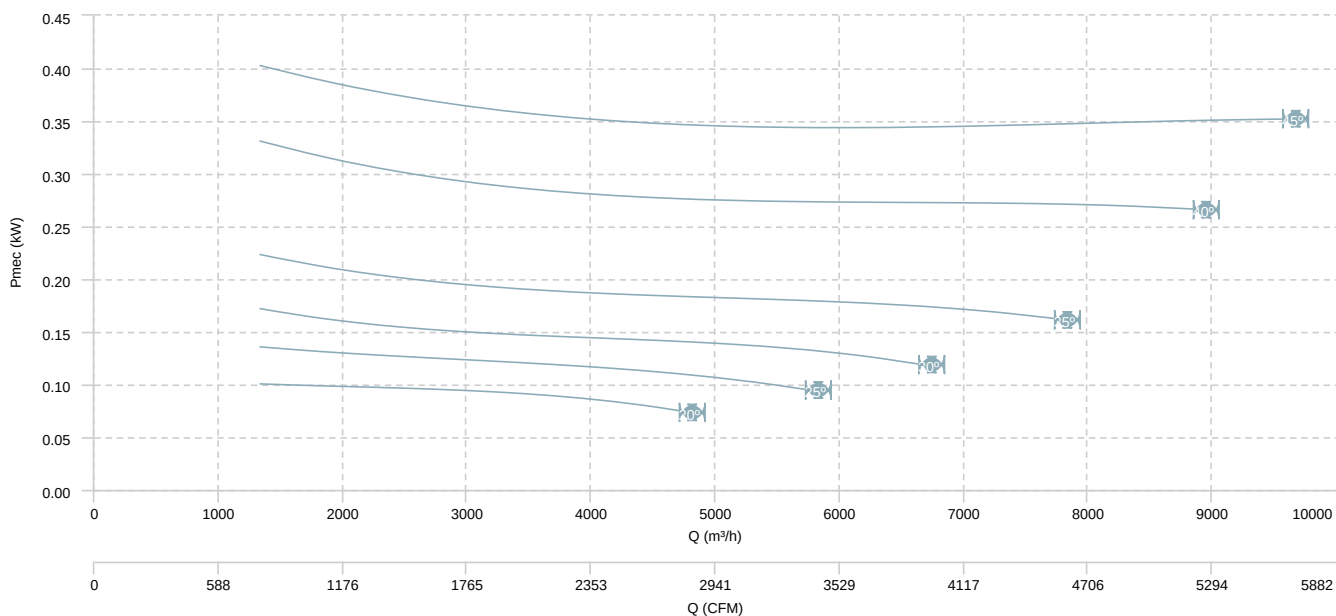


HCF 56 T6 (A5:6) F400

AIR FLOW - PRESSURE

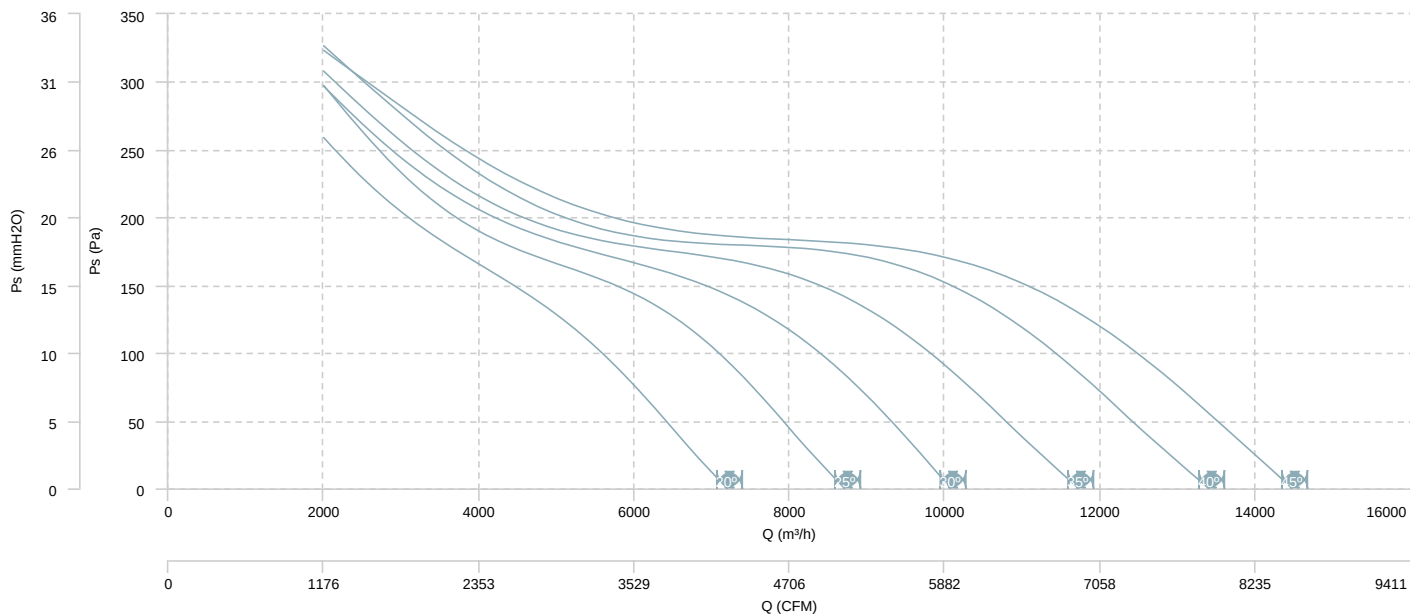


AIR FLOW - MECHANICAL POWER

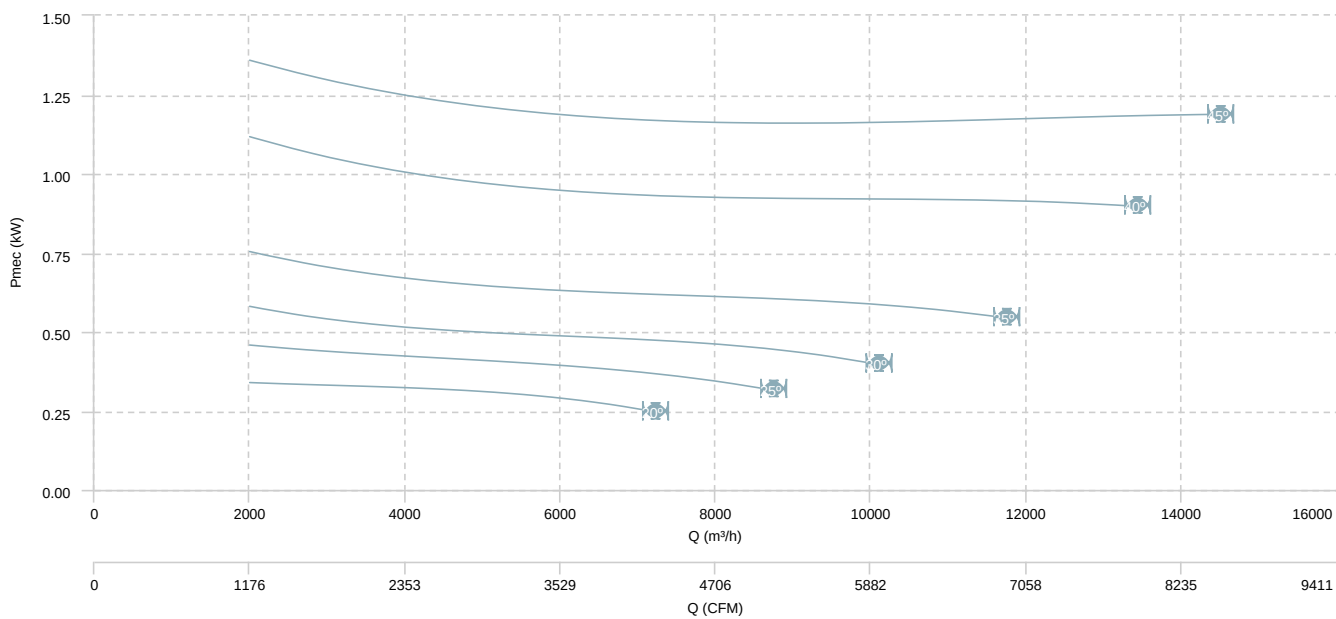


HCF 56 T4/T8 (A5:6) F400

AIR FLOW - PRESSURE (4 poles)

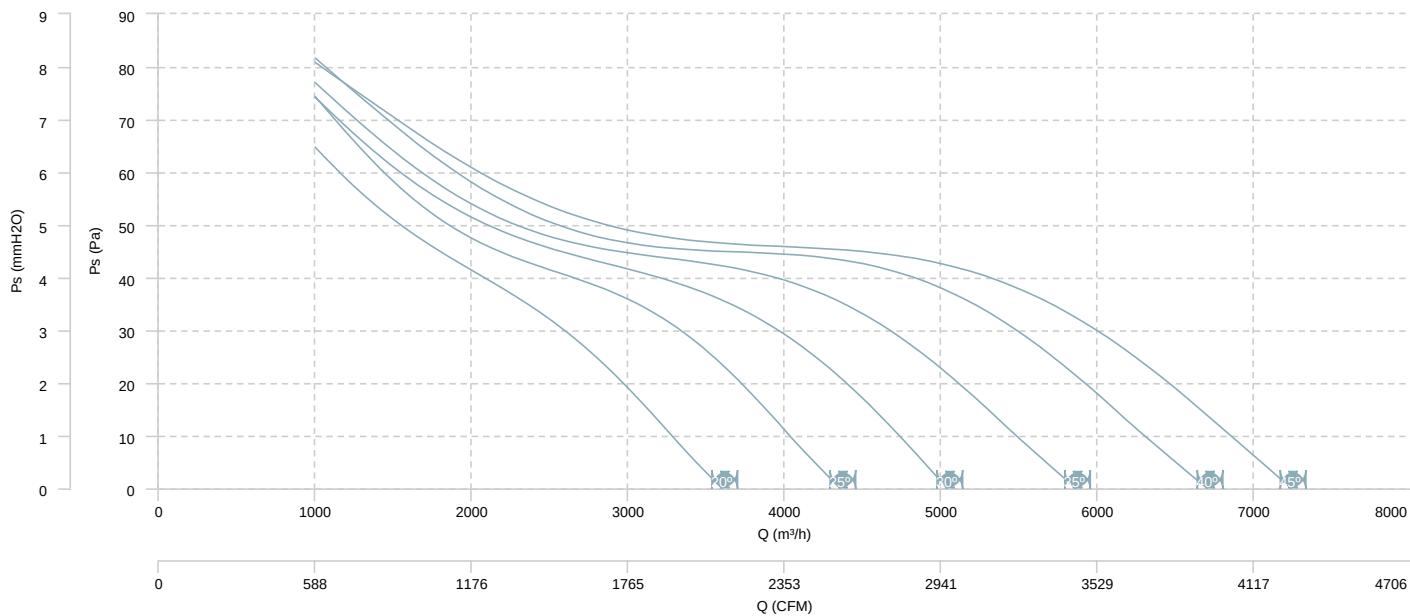


AIR FLOW - MECHANICAL POWER (4 poles)

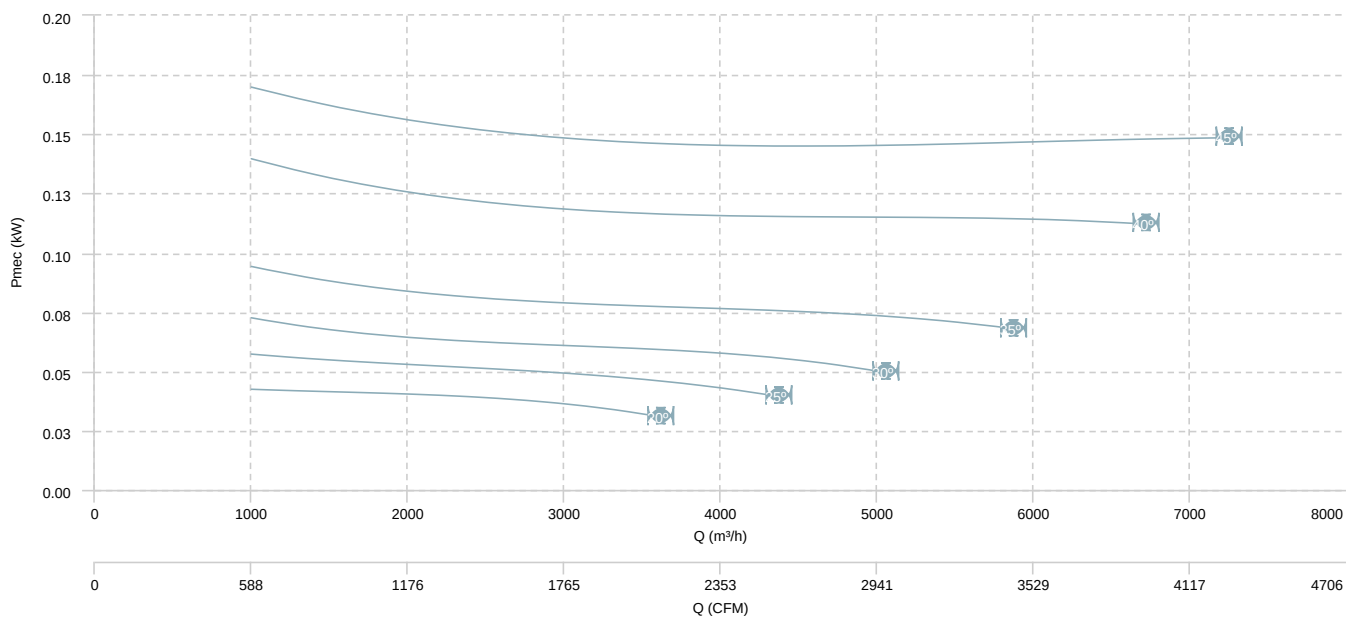


HCF 56 T4/T8 (A5:6) F400

AIR FLOW - PRESSURE (8 poles)

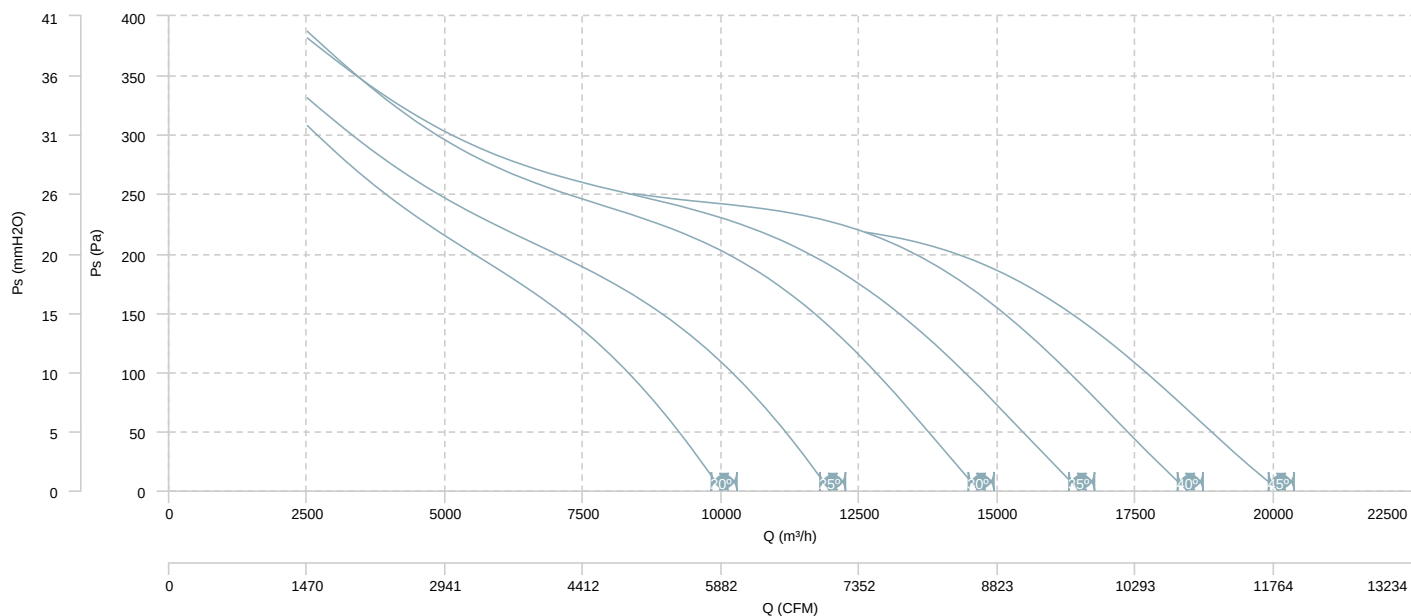


AIR FLOW - MECHANICAL POWER (8 poles)

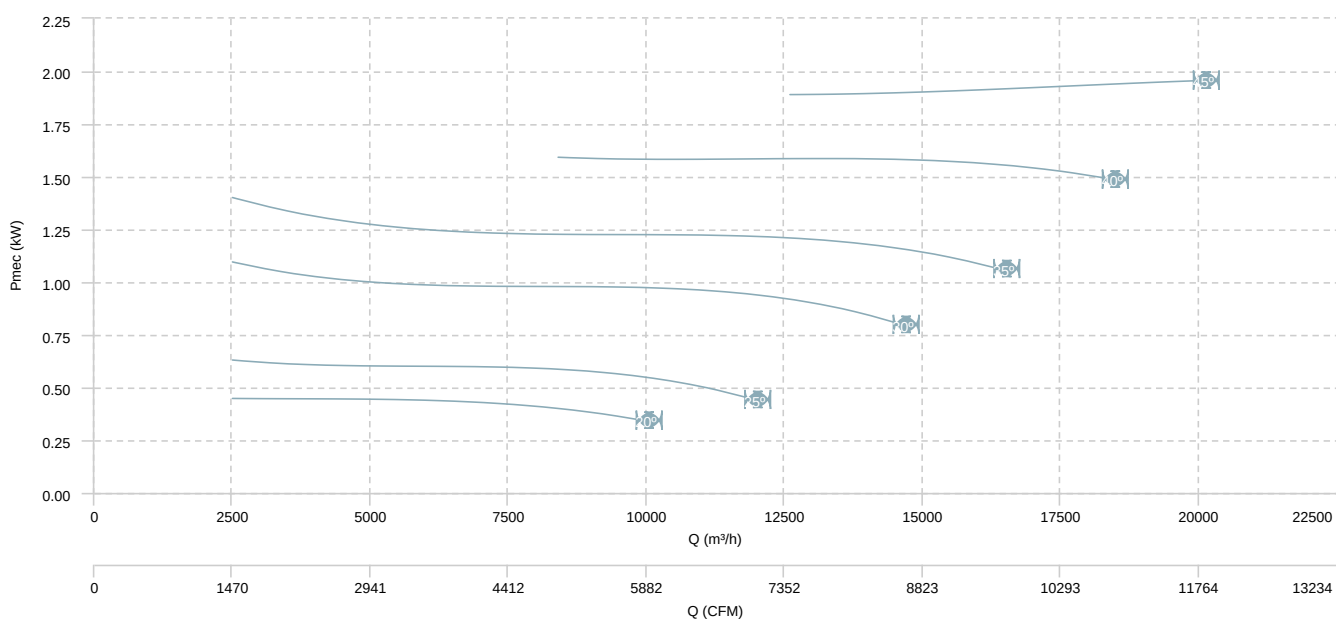


HCF 63 T4 (A5:6) F400

AIR FLOW - PRESSURE

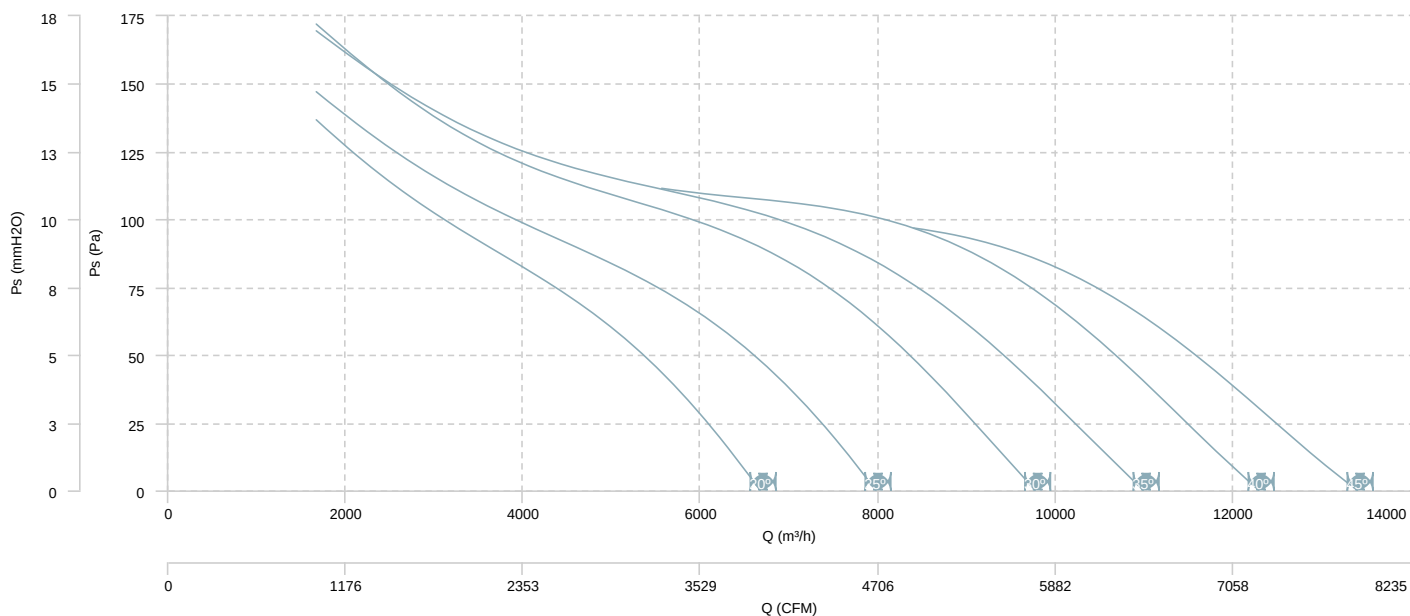


AIR FLOW - MECHANICAL POWER

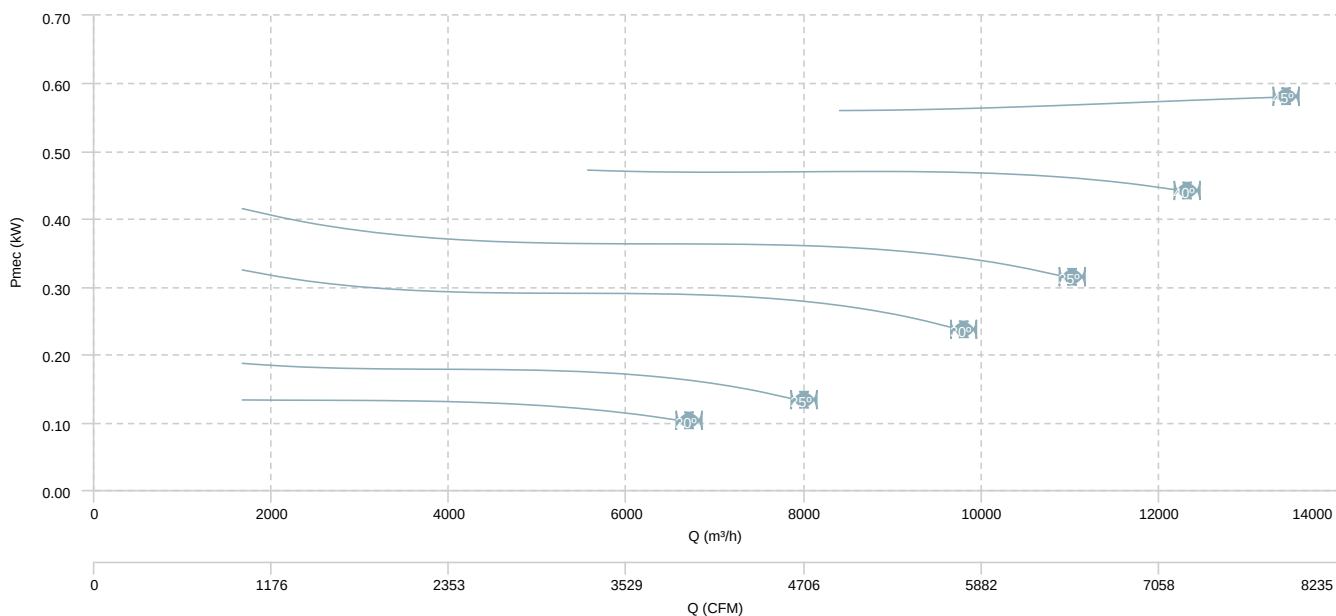


HCF 63 T6 (A5:6) F400

AIR FLOW - PRESSURE

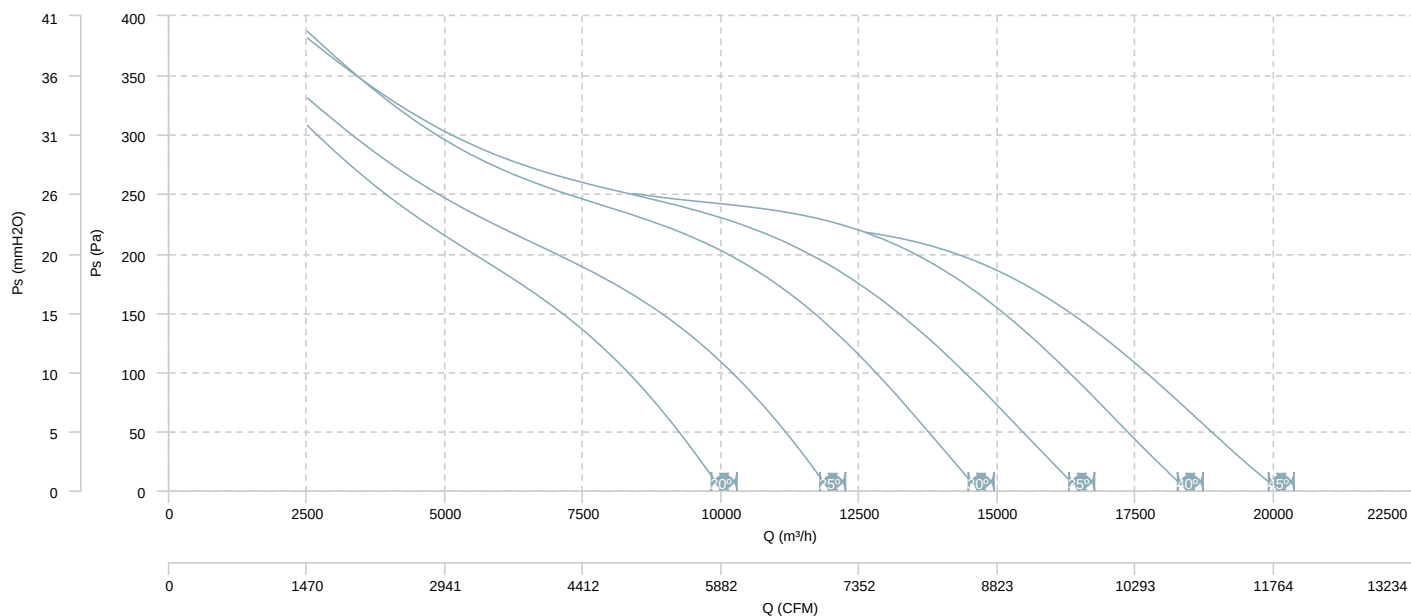


AIR FLOW - MECHANICAL POWER

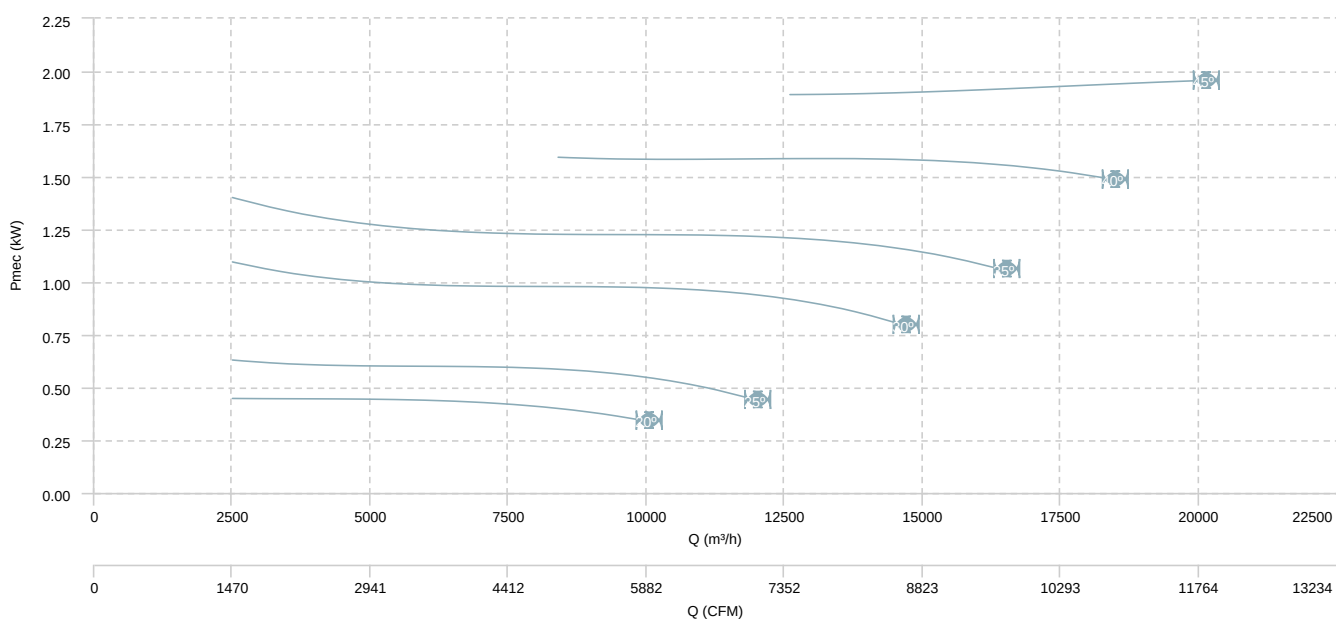


HCF 63 T4/T8 (A5:6) F400

AIR FLOW - PRESSURE (4 poles)

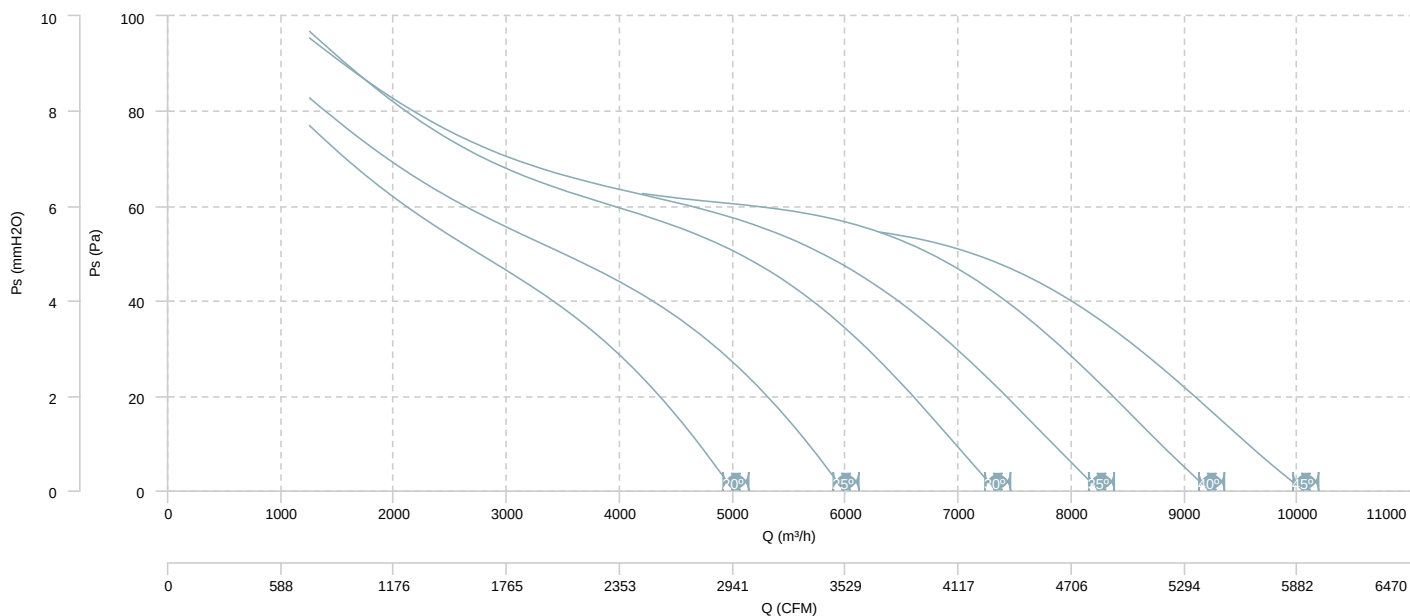


AIR FLOW - MECHANICAL POWER (4 poles)

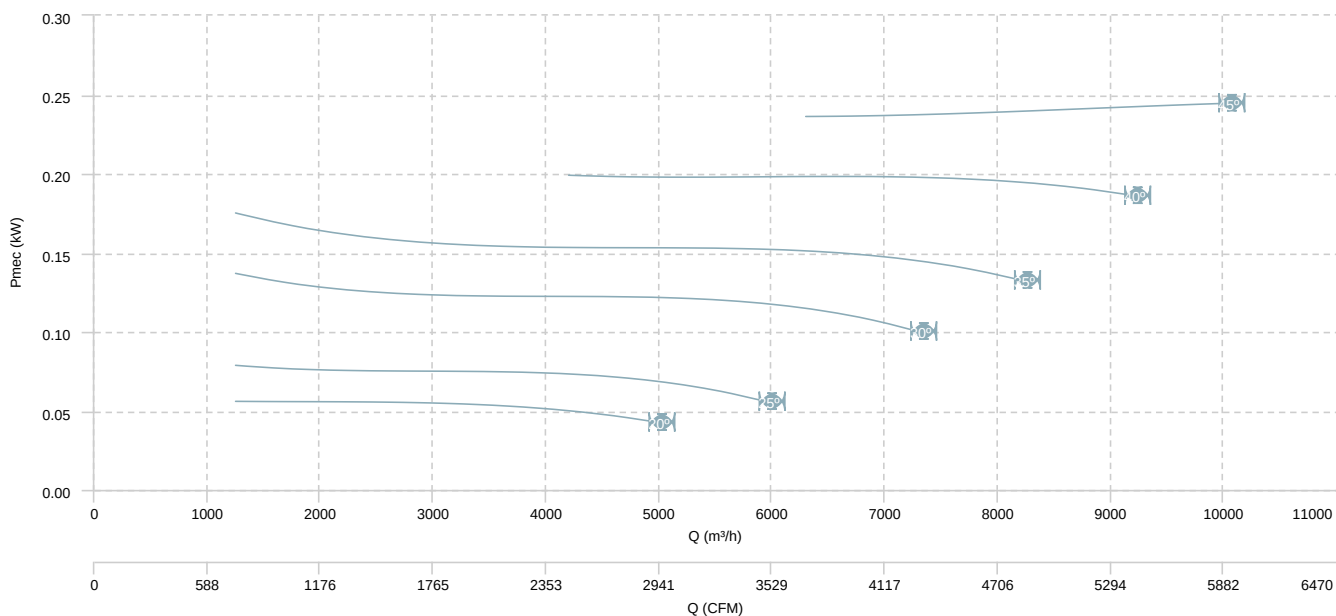


HCF 63 T4/T8 (A5:6) F400

AIR FLOW - PRESSURE (8 poles)

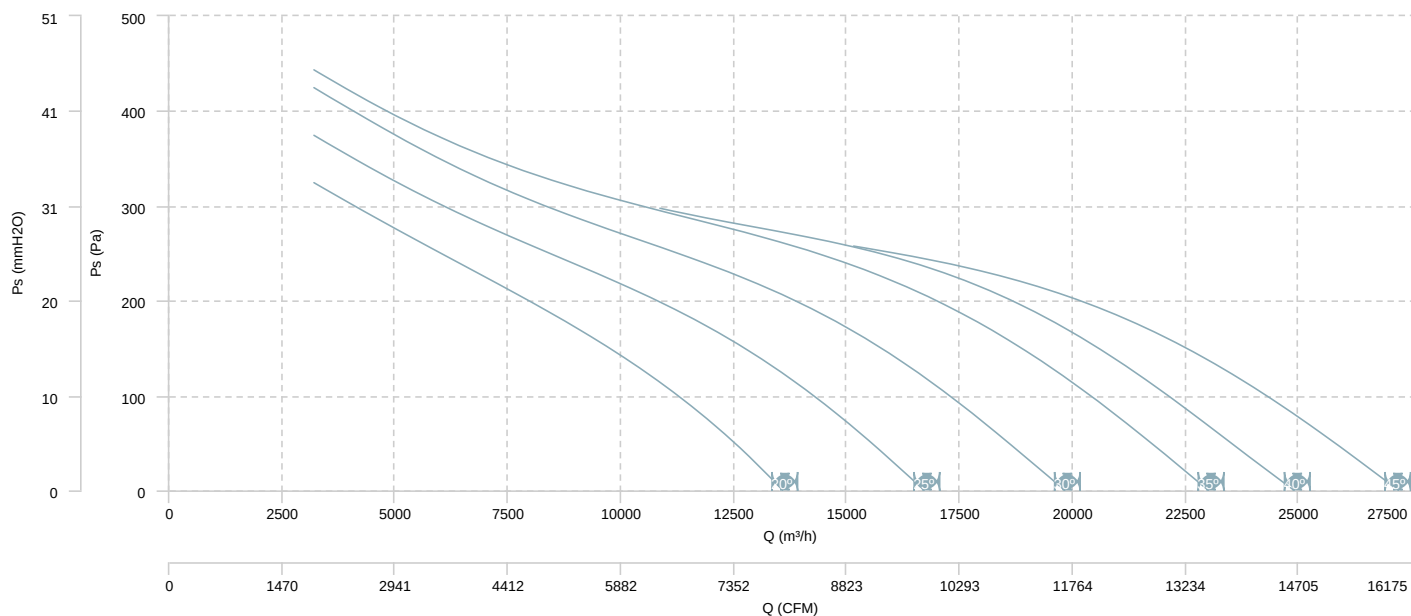


AIR FLOW - MECHANICAL POWER (8 poles)

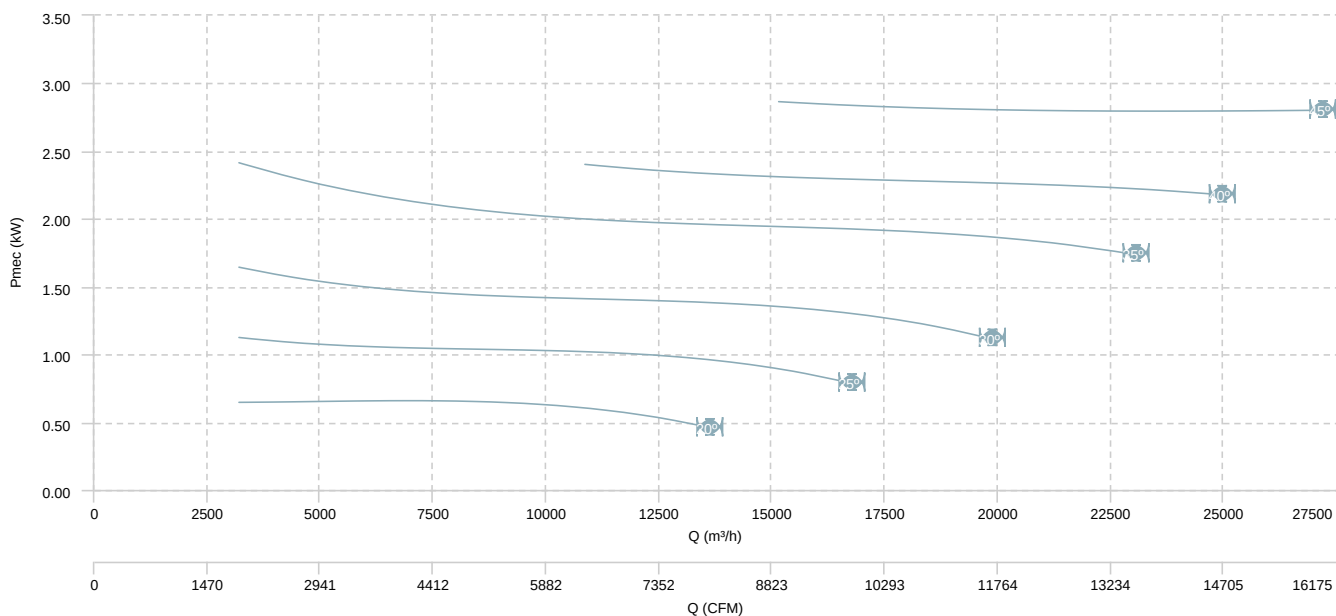


HCF 71 T4 (A5:6) F400

AIR FLOW - PRESSURE

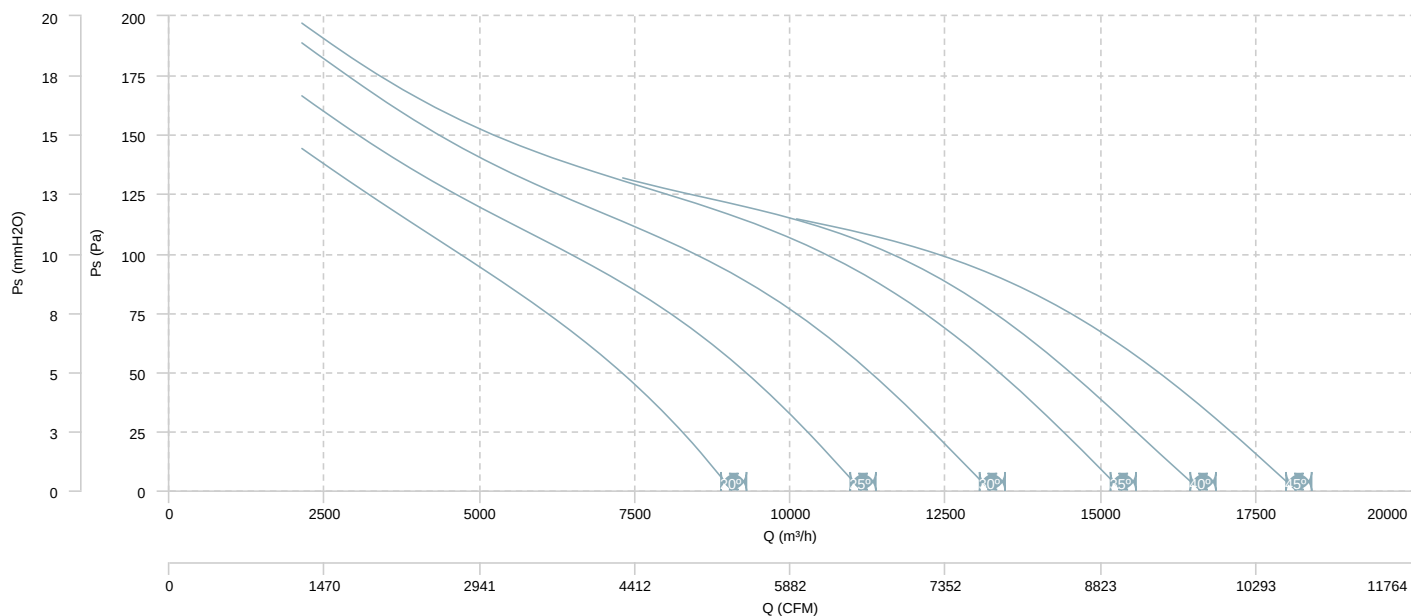


AIR FLOW - MECHANICAL POWER

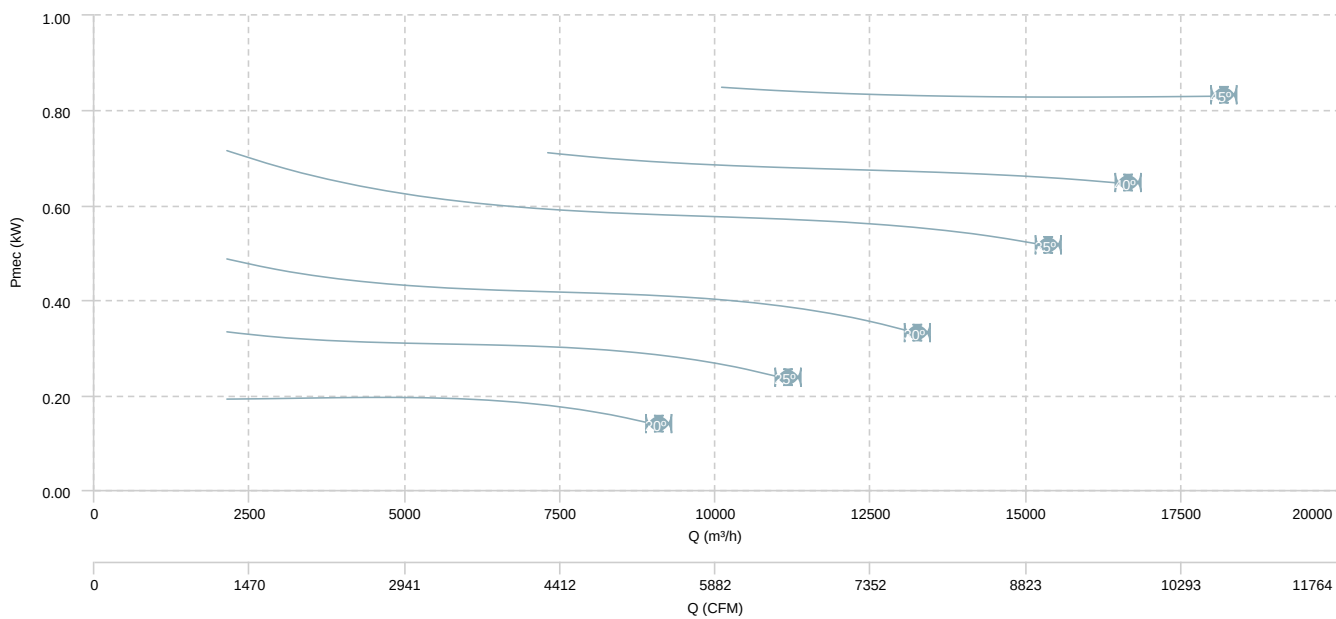


HCF 71 T6 (A5:6) F400

AIR FLOW - PRESSURE

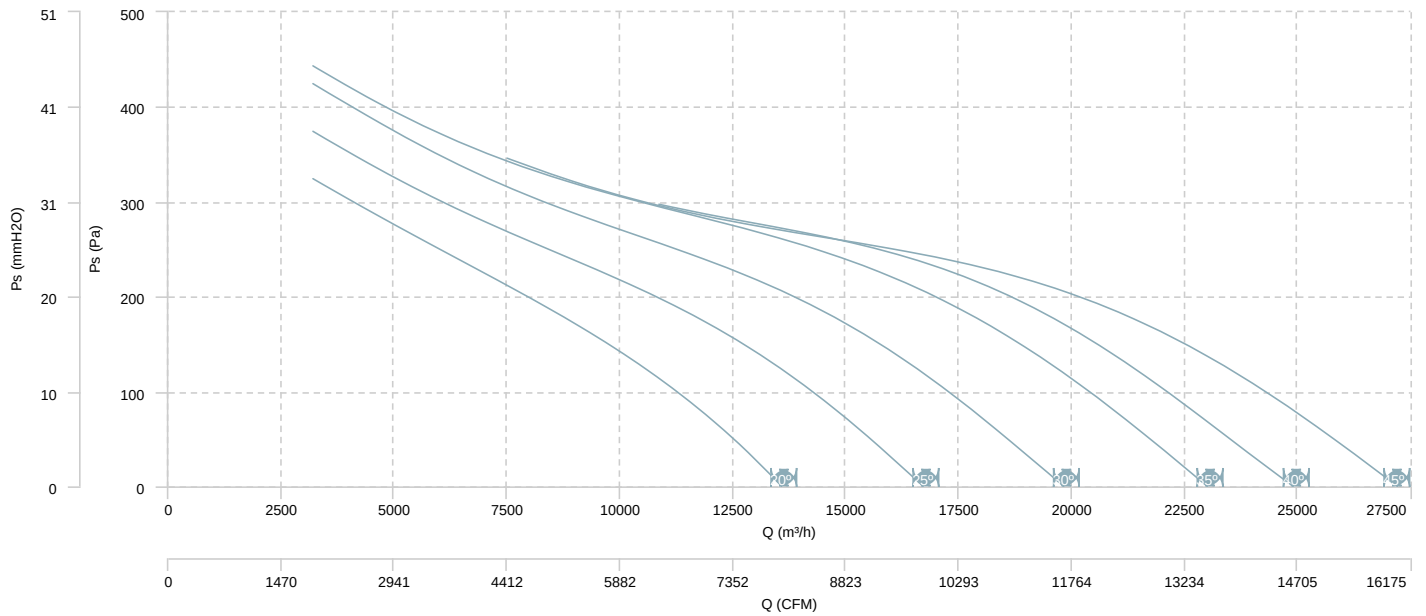


AIR FLOW - MECHANICAL POWER

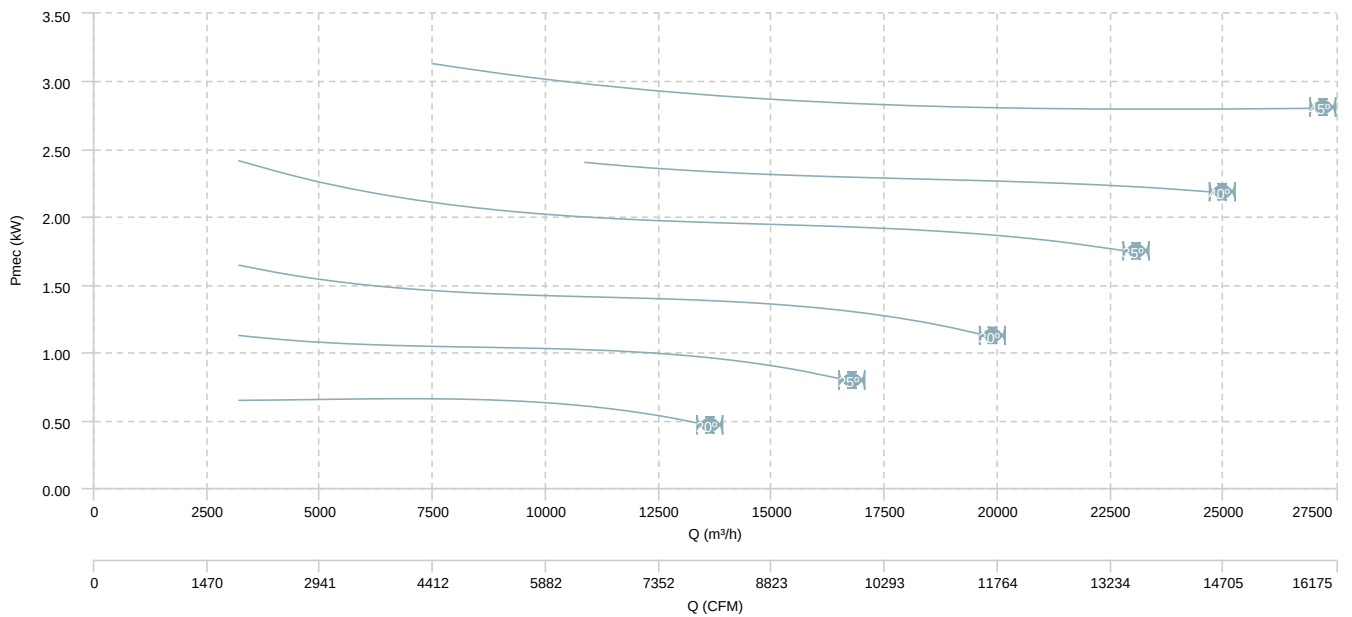


HCF 71 T4/T8 (A5:6) F400

AIR FLOW - PRESSURE (4 poles)

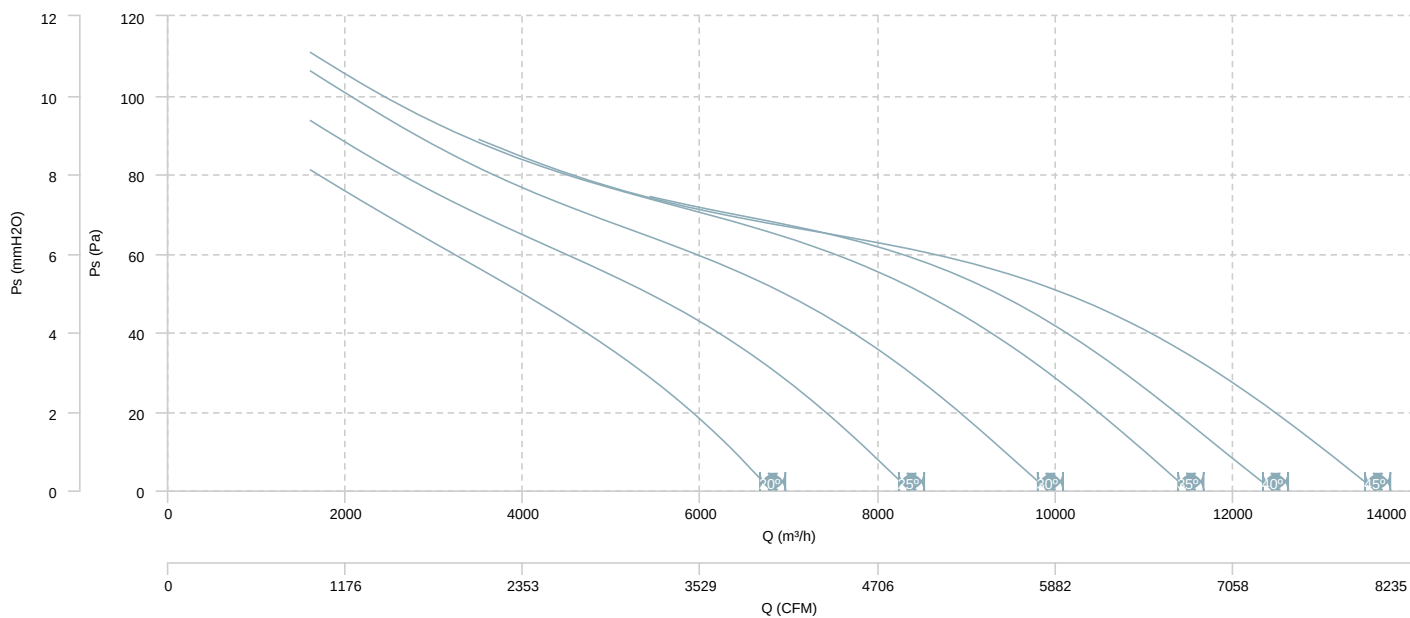


AIR FLOW - MECHANICAL POWER (4 poles)

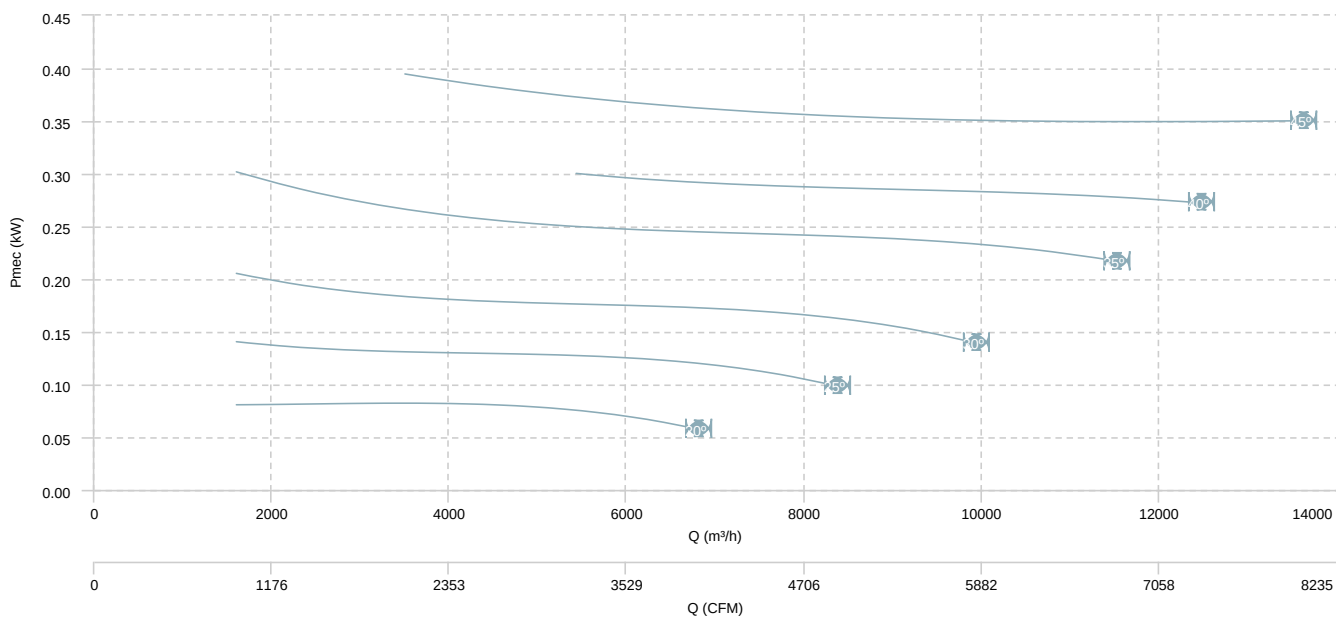


HCF 71 T4/T8 (A5:6) F400

AIR FLOW - PRESSURE (8 poles)

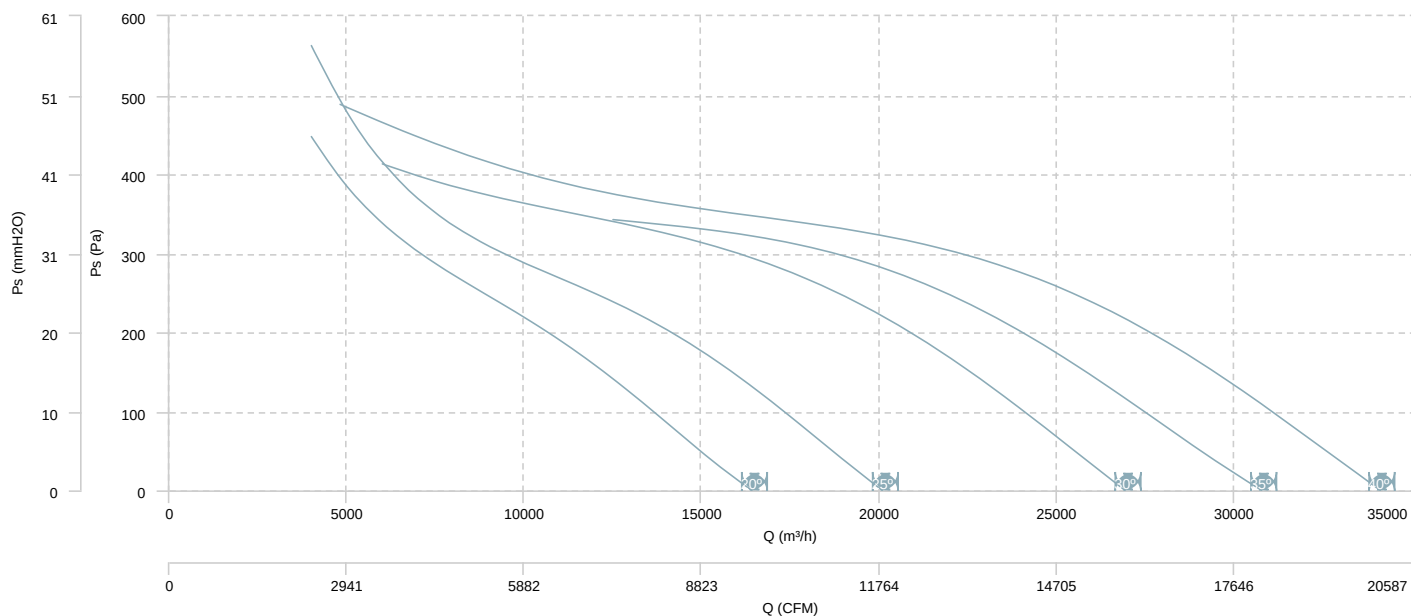


AIR FLOW - MECHANICAL POWER (8 poles)

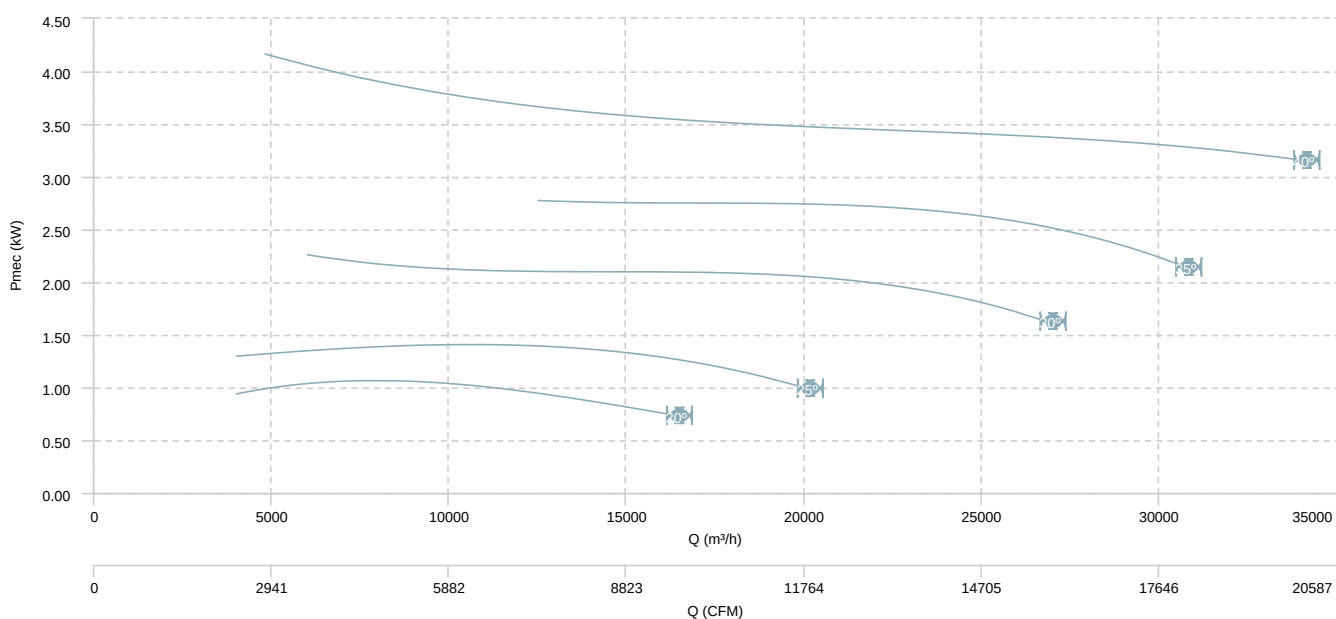


HCF 80 T4 (A5:6) F400

AIR FLOW - PRESSURE

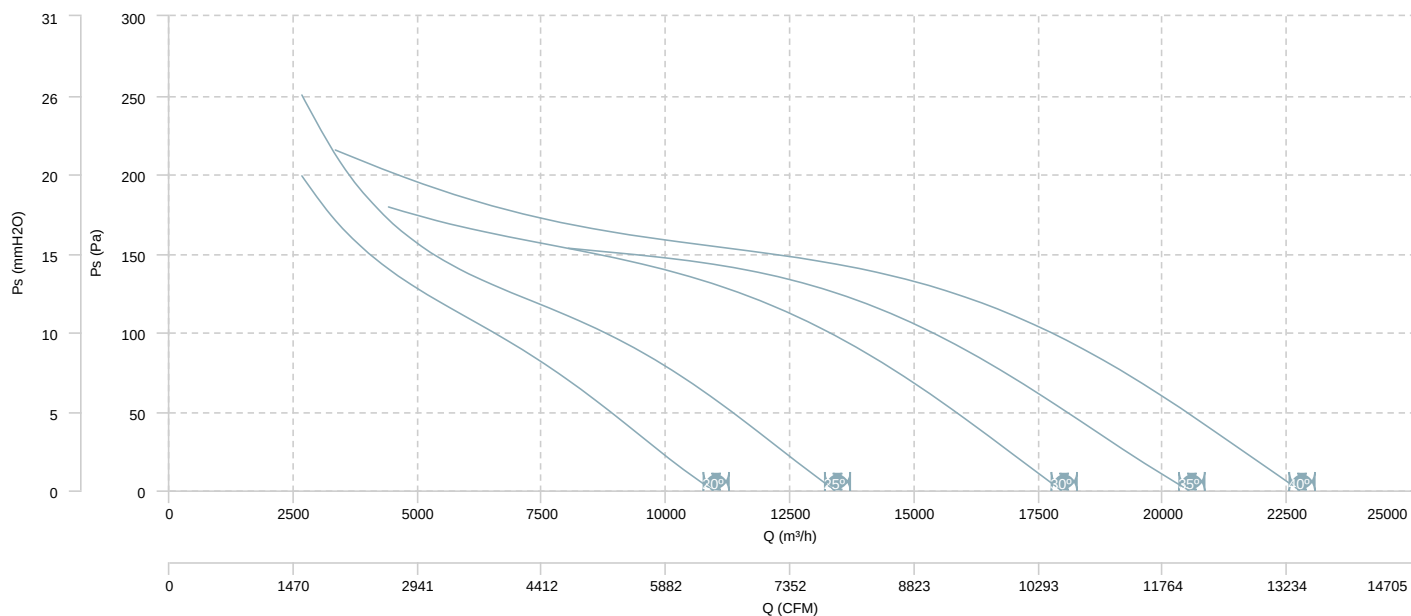


AIR FLOW - MECHANICAL POWER

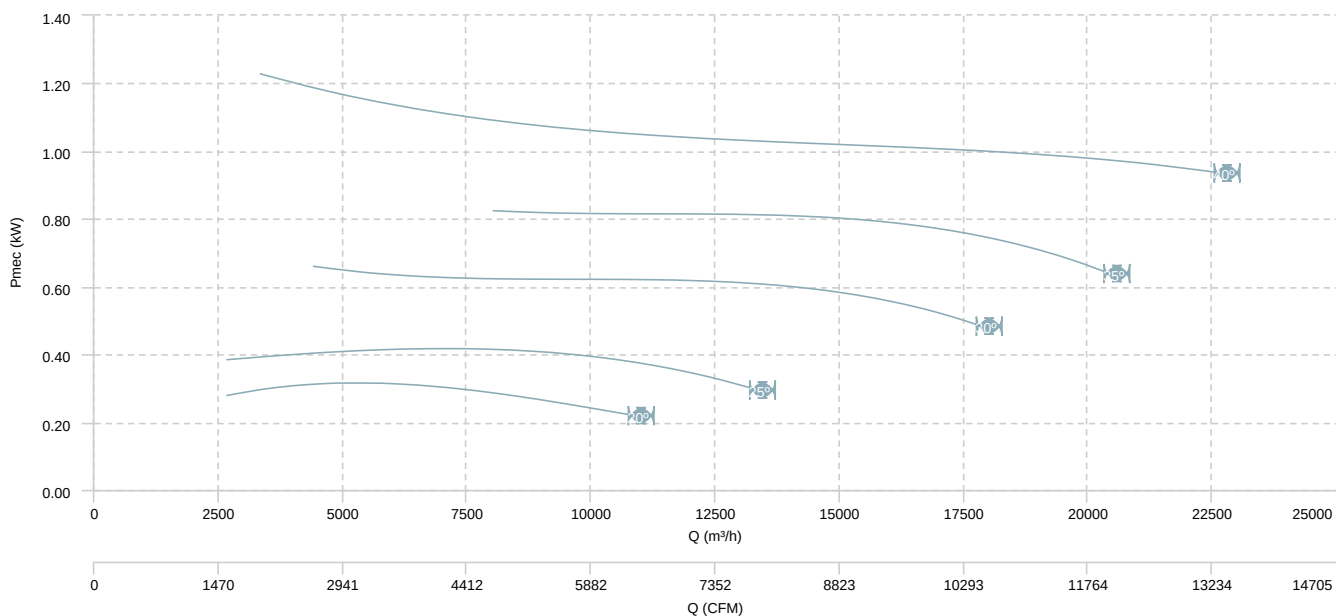


HCF 80 T6 (A5:6) F400

AIR FLOW - PRESSURE

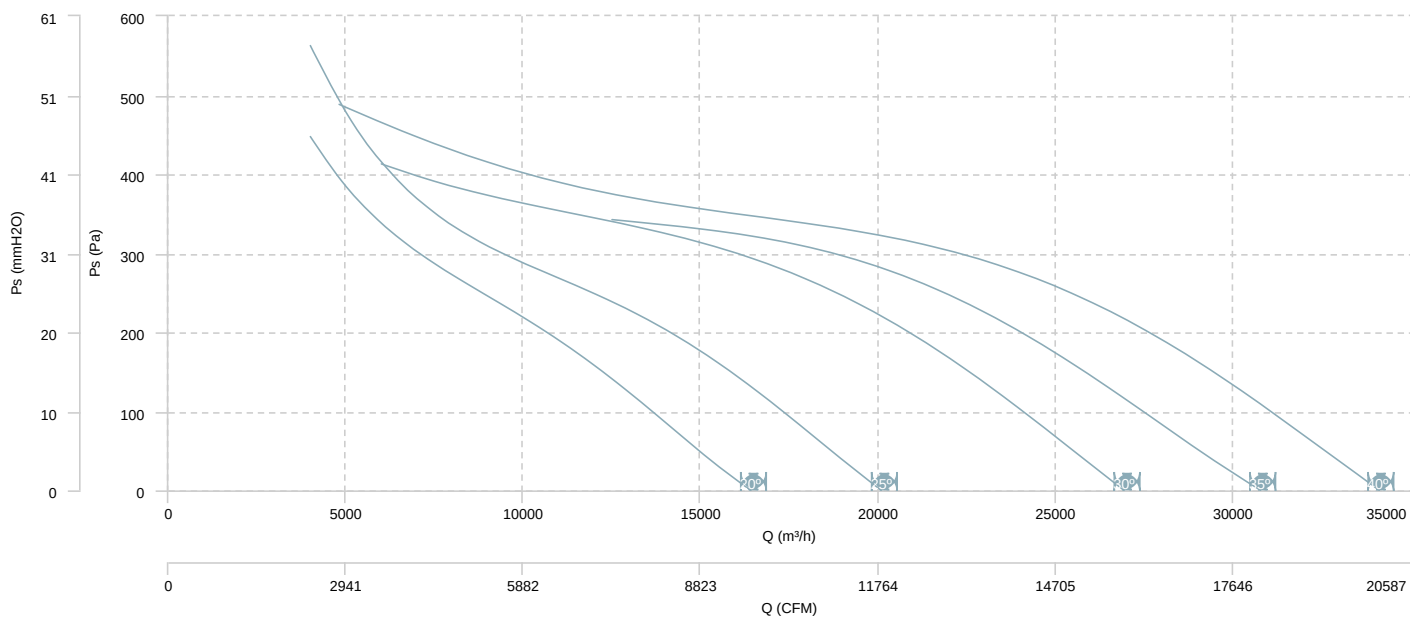


AIR FLOW - MECHANICAL POWER

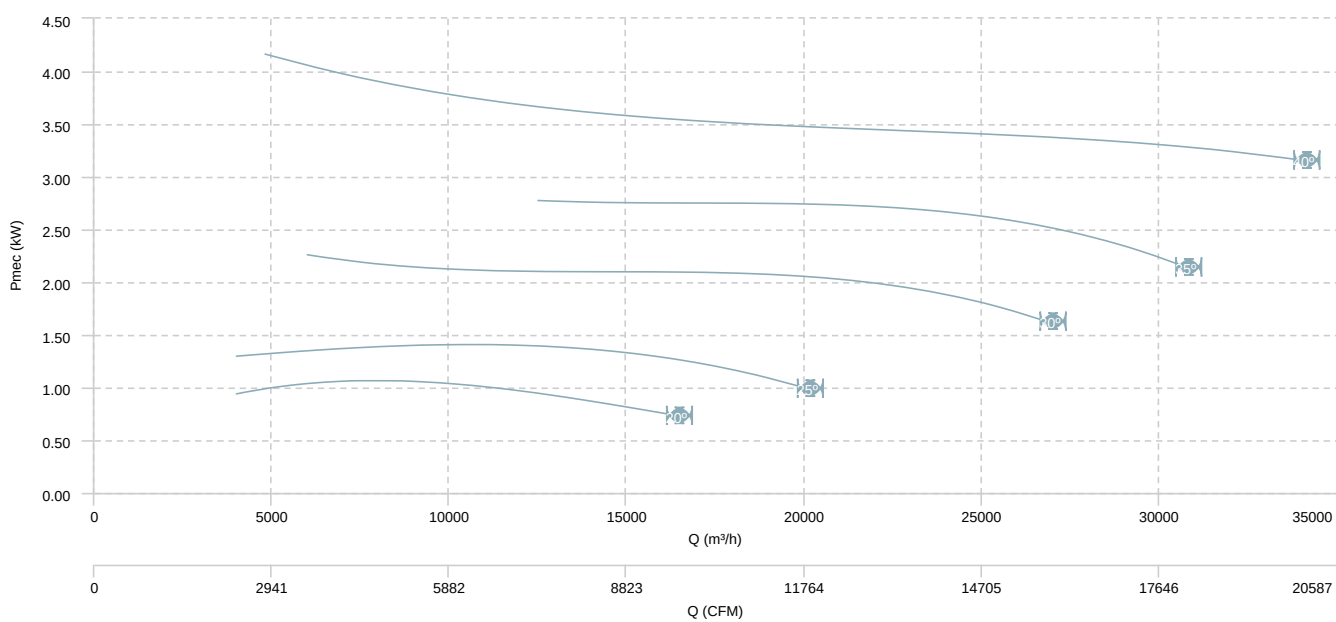


HCF 80 T4/T8 (A5:6) F400

AIR FLOW - PRESSURE (4 poles)

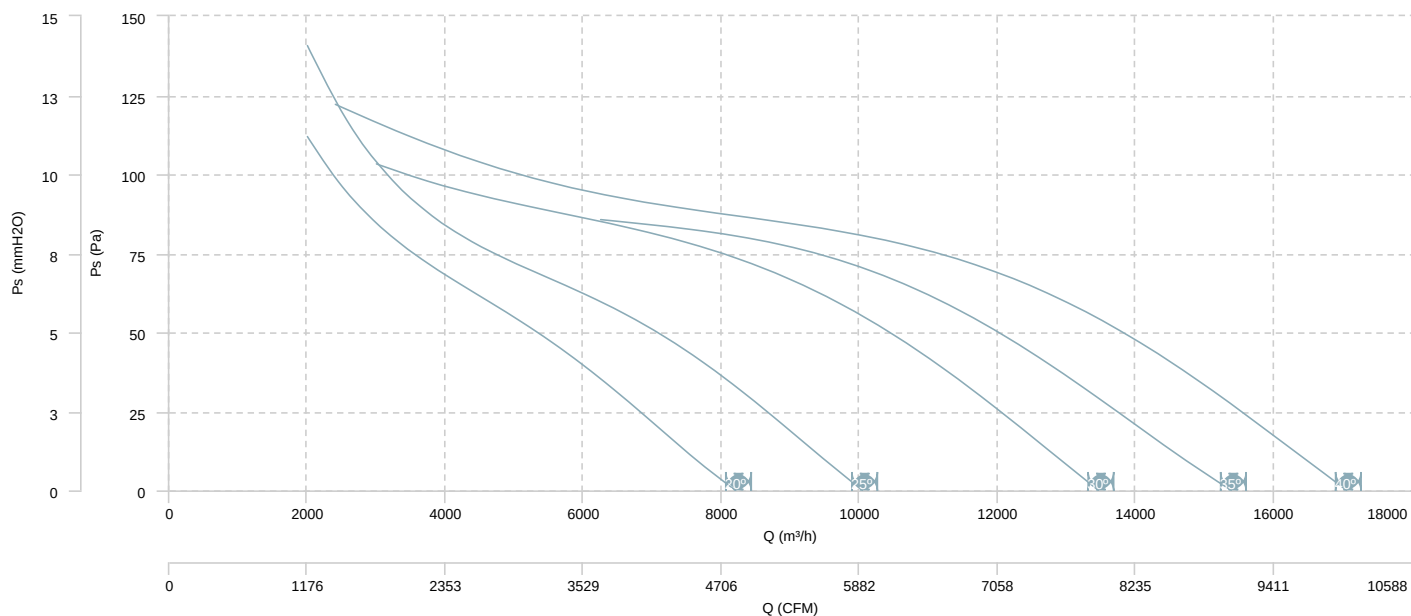


AIR FLOW - MECHANICAL POWER (4 poles)

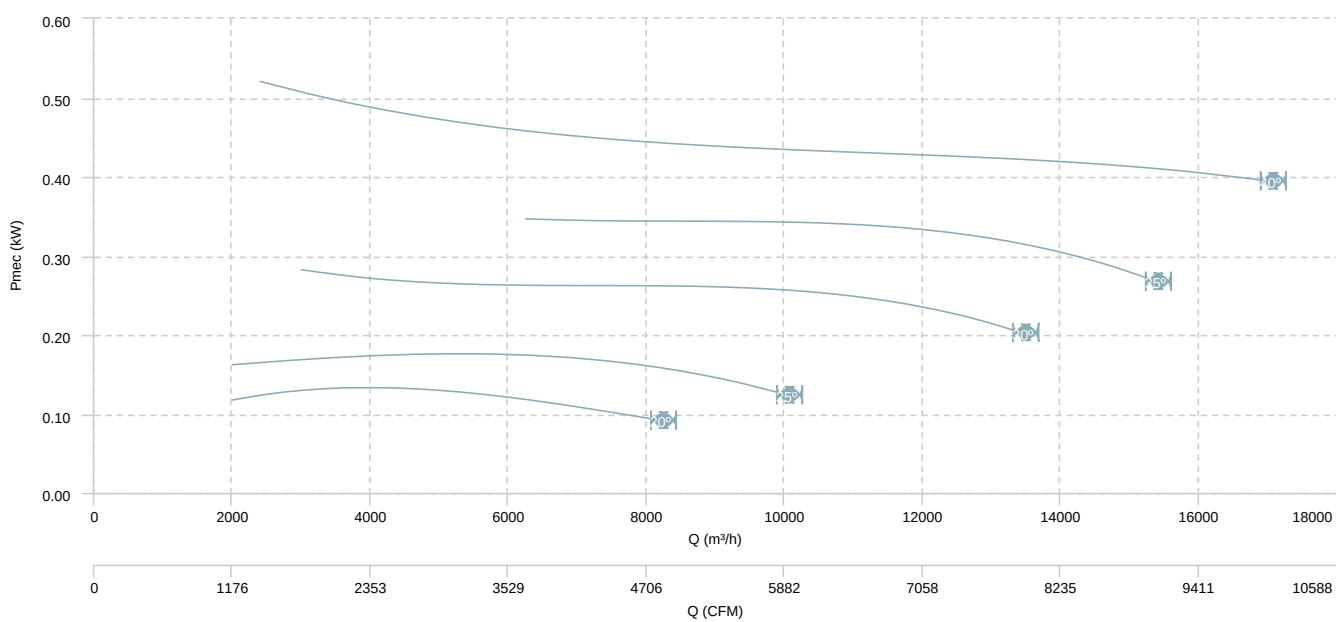


HCF 80 T4/T8 (A5:6) F400

AIR FLOW - PRESSURE (8 poles)

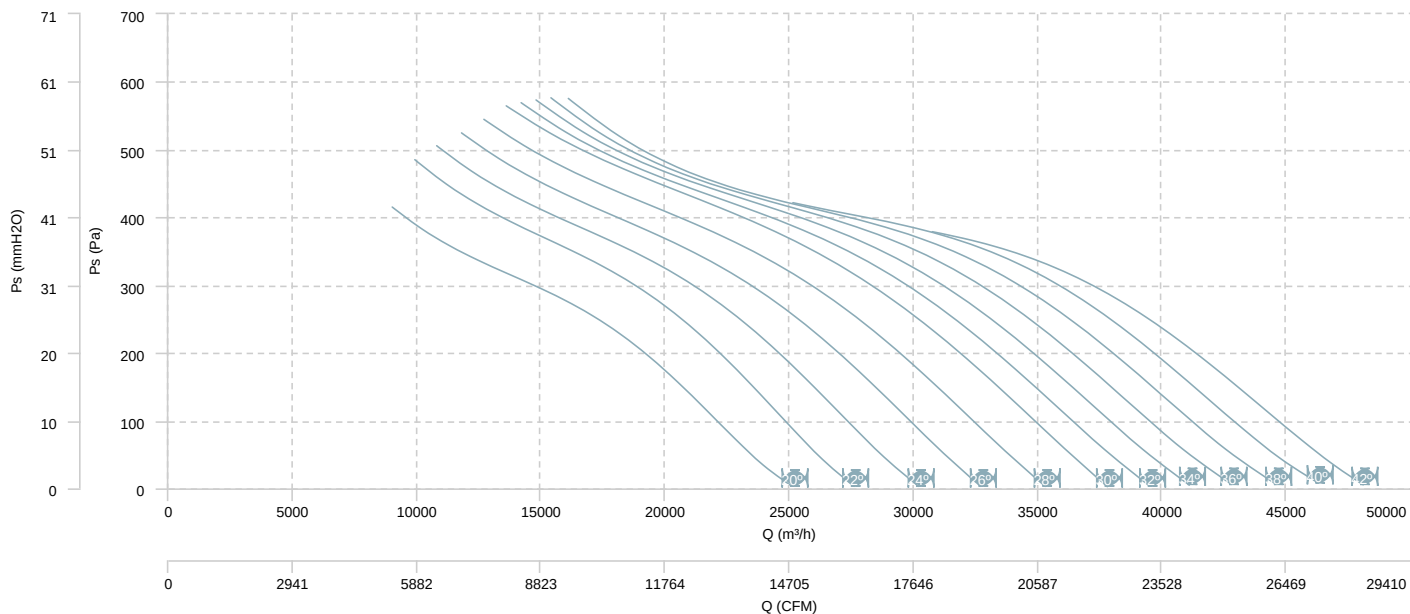


AIR FLOW - MECHANICAL POWER (8 poles)

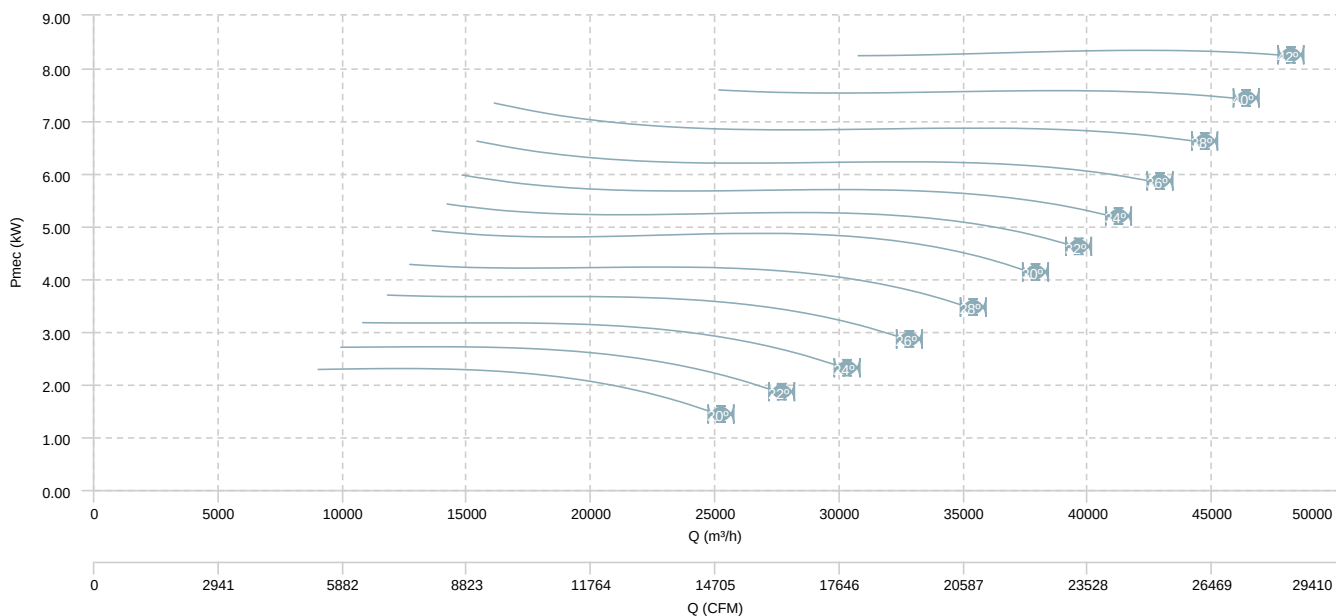


HCF 90 T4 (A3:4) F400

AIR FLOW - PRESSURE

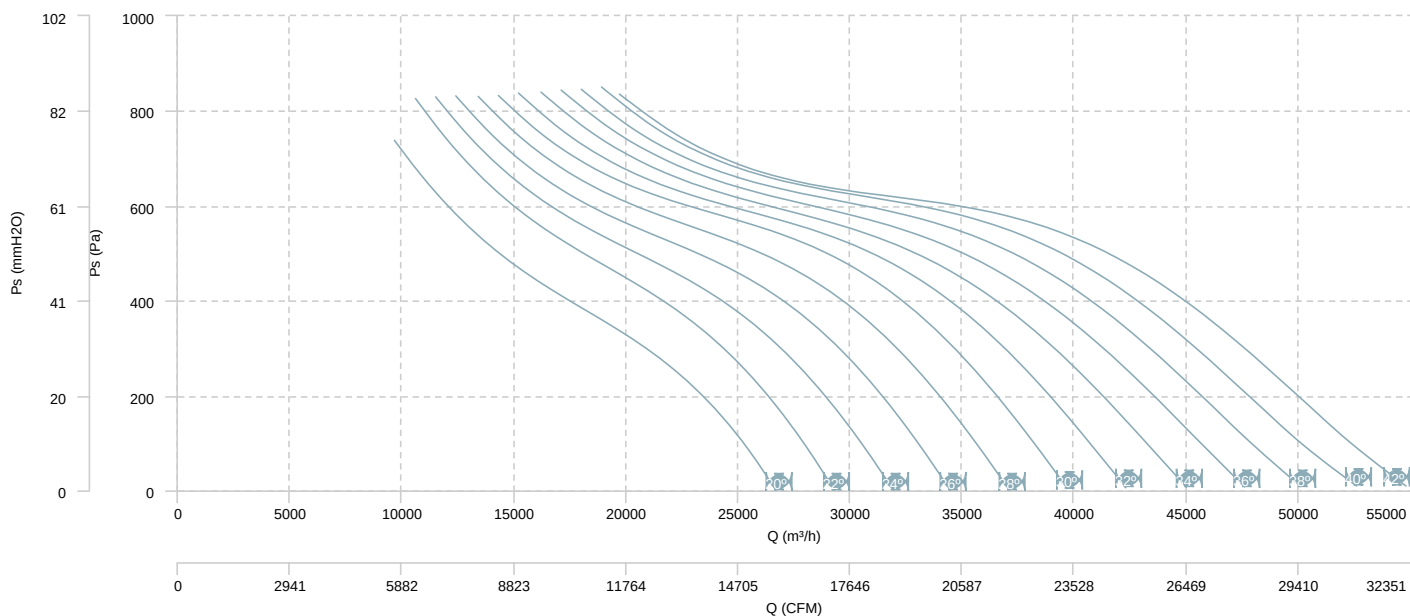


AIR FLOW - MECHANICAL POWER

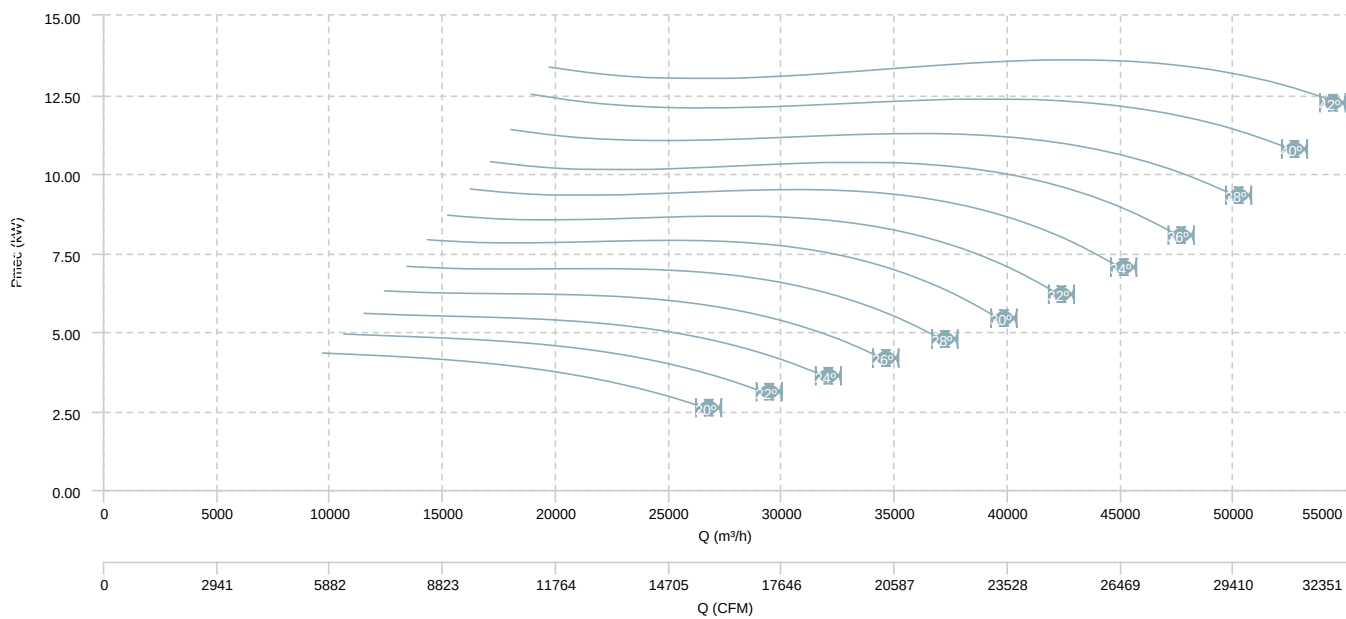


HCF 90 T4 (A3:8) F400

AIR FLOW - PRESSURE

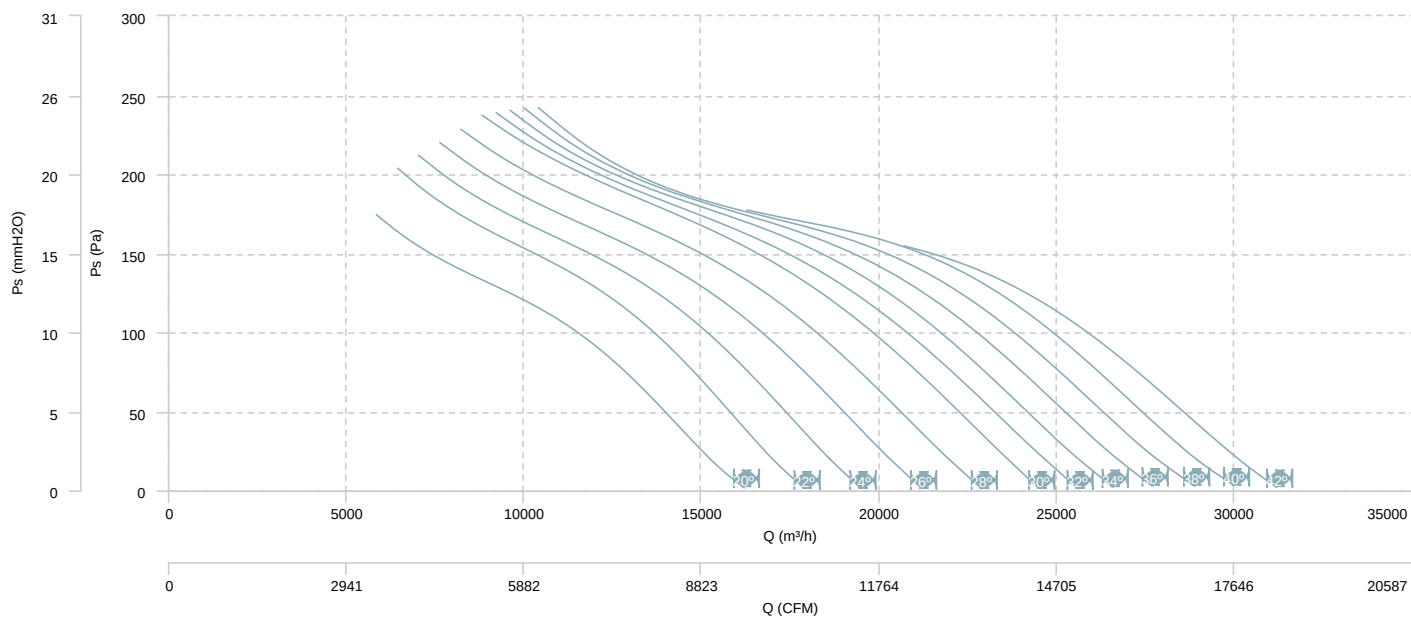


AIR FLOW - MECHANICAL POWER

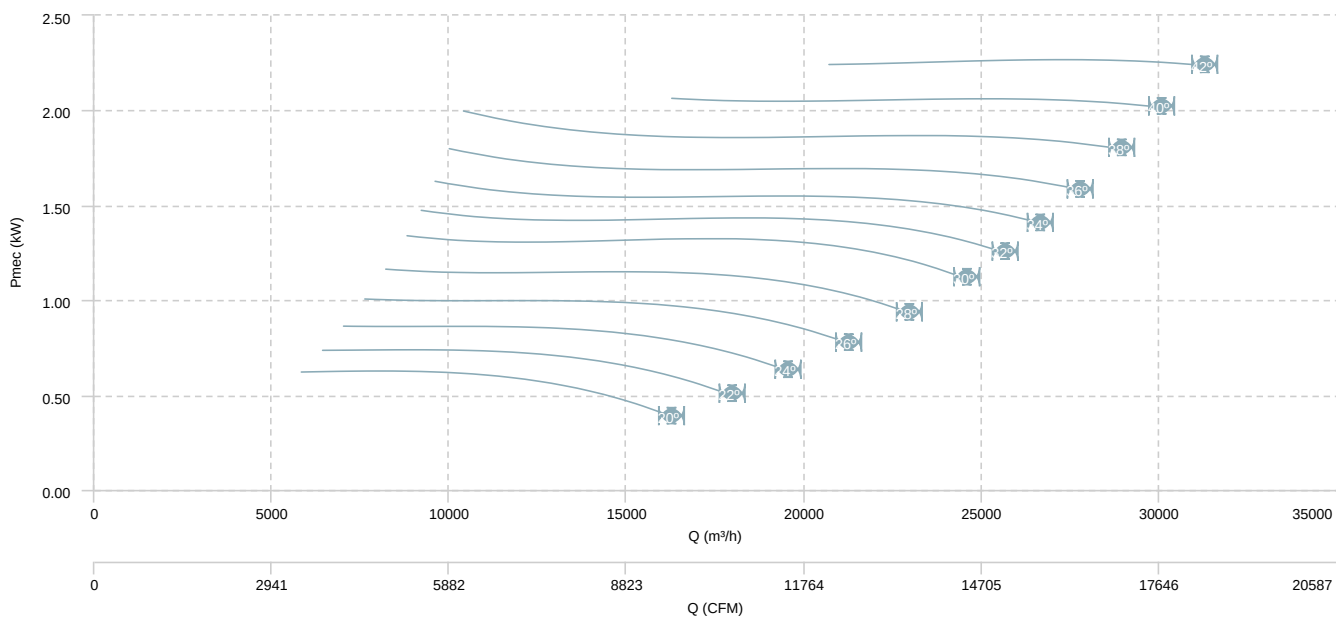


HCF 90 T6 (A3:4) F400

AIR FLOW - PRESSURE

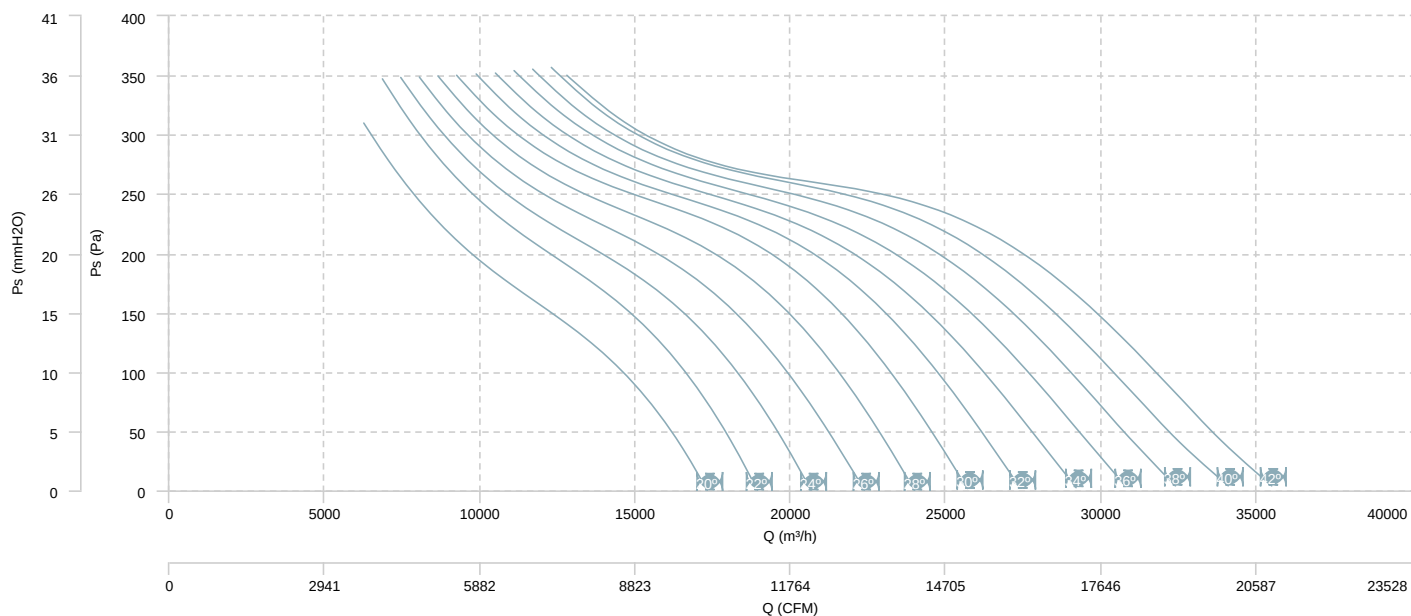


AIR FLOW - MECHANICAL POWER

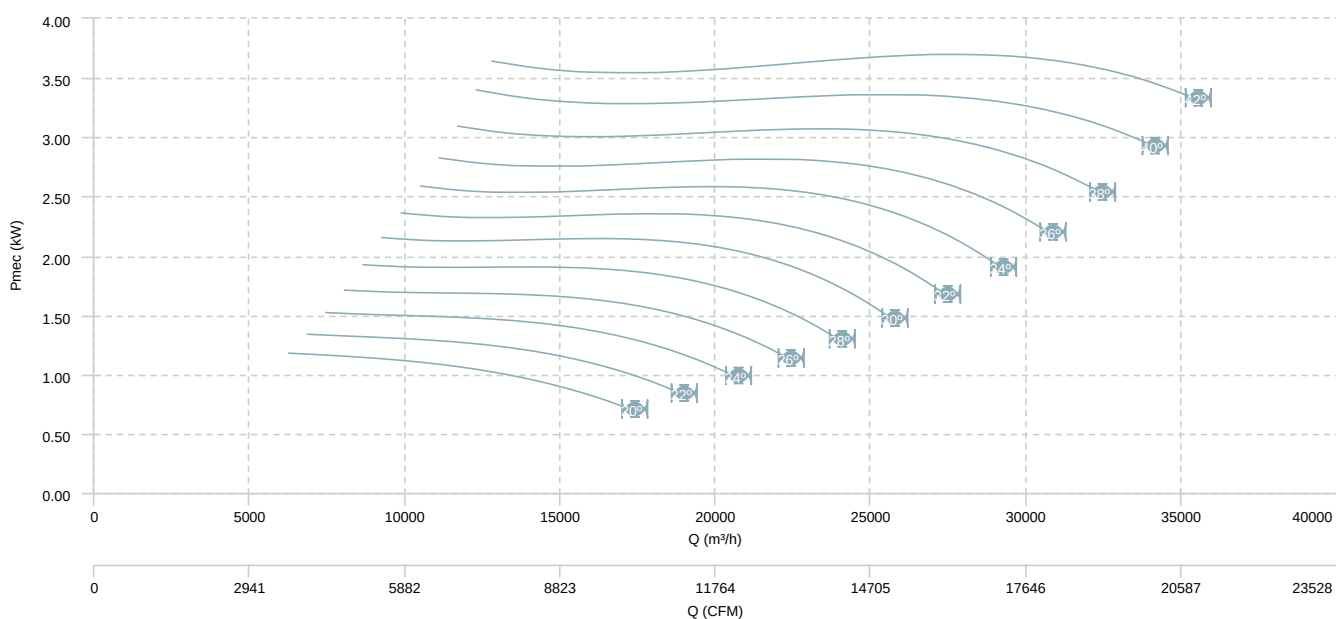


HCF 90 T6 (A3:8) F400

AIR FLOW - PRESSURE

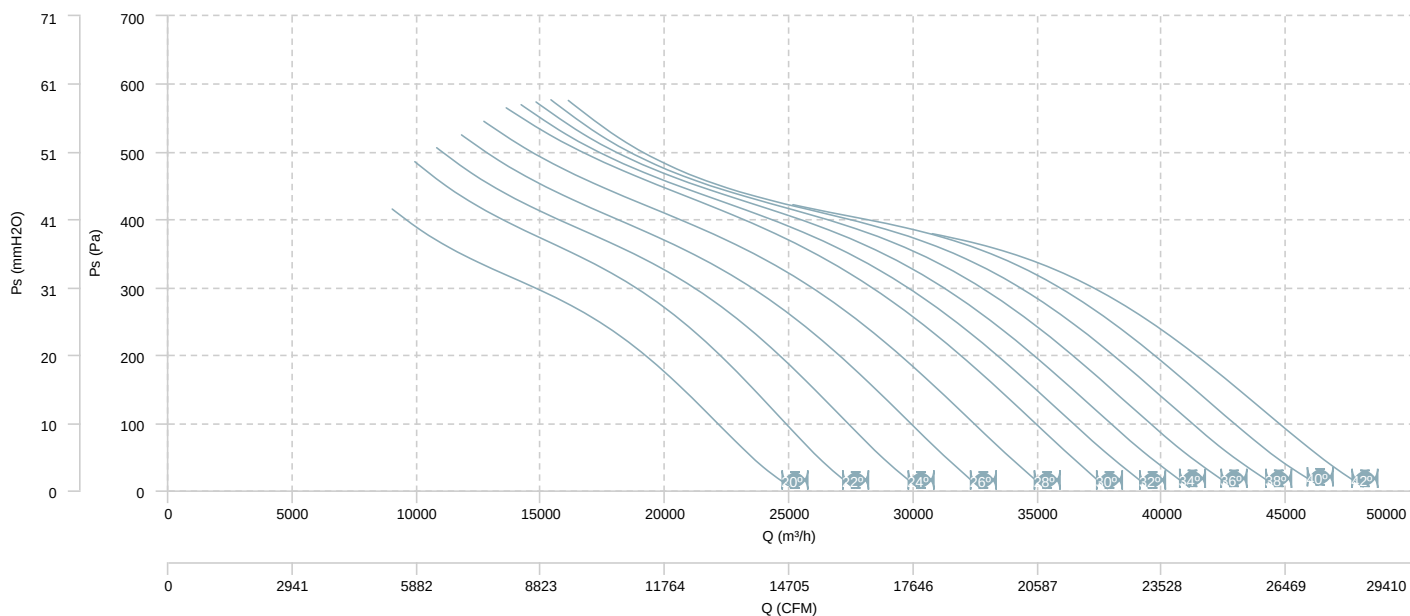


AIR FLOW - MECHANICAL POWER

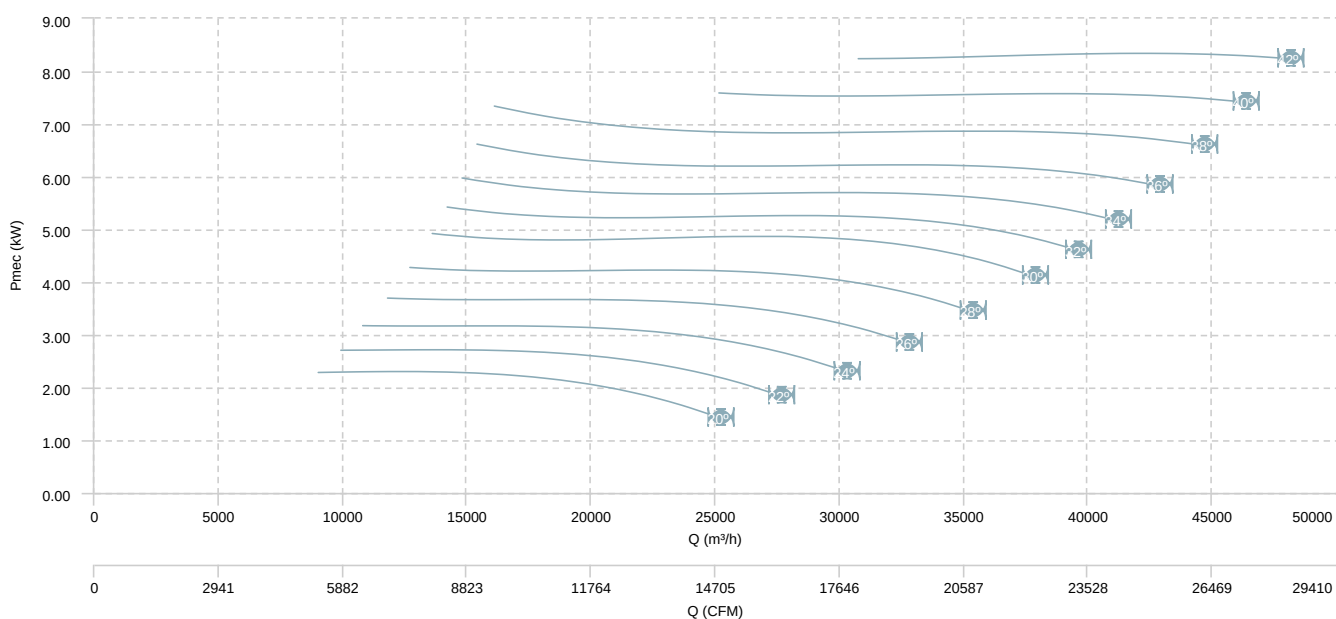


HCF 90 T4/T8 (A3:4) F400

AIR FLOW - PRESSURE (4 poles)

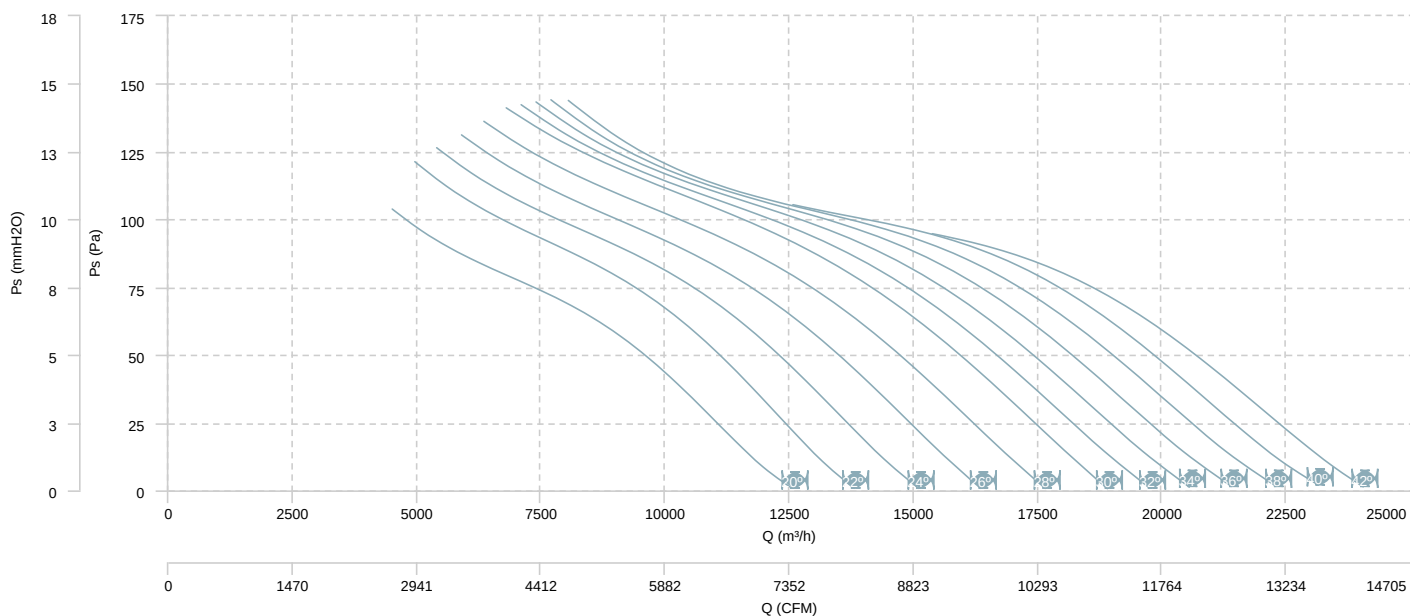


AIR FLOW - MECHANICAL POWER (4 poles)

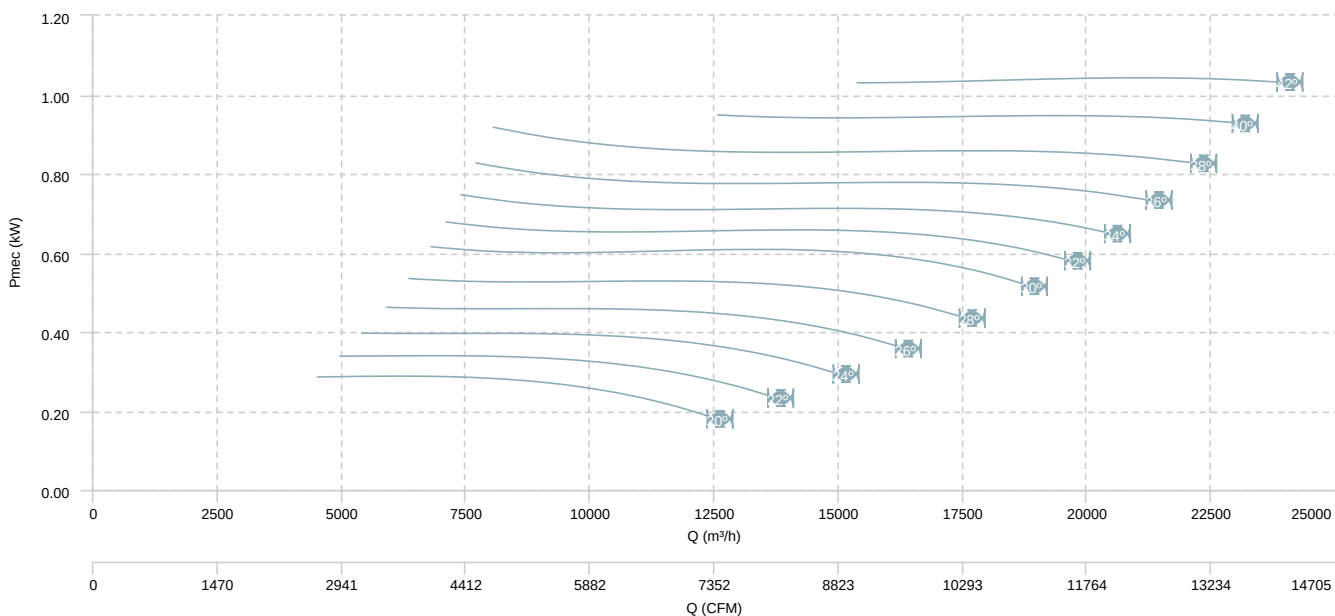


HCF 90 T4/T8 (A3:4) F400

AIR FLOW - PRESSURE (8 poles)

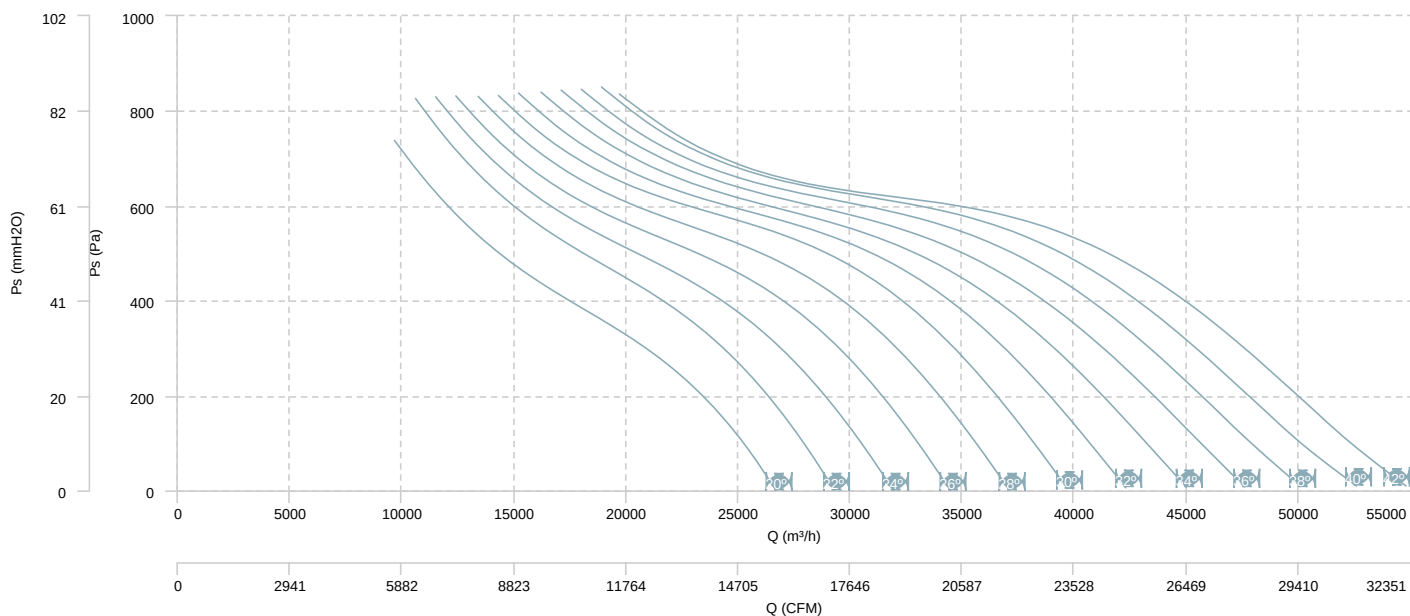


AIR FLOW - MECHANICAL POWER (8 poles)

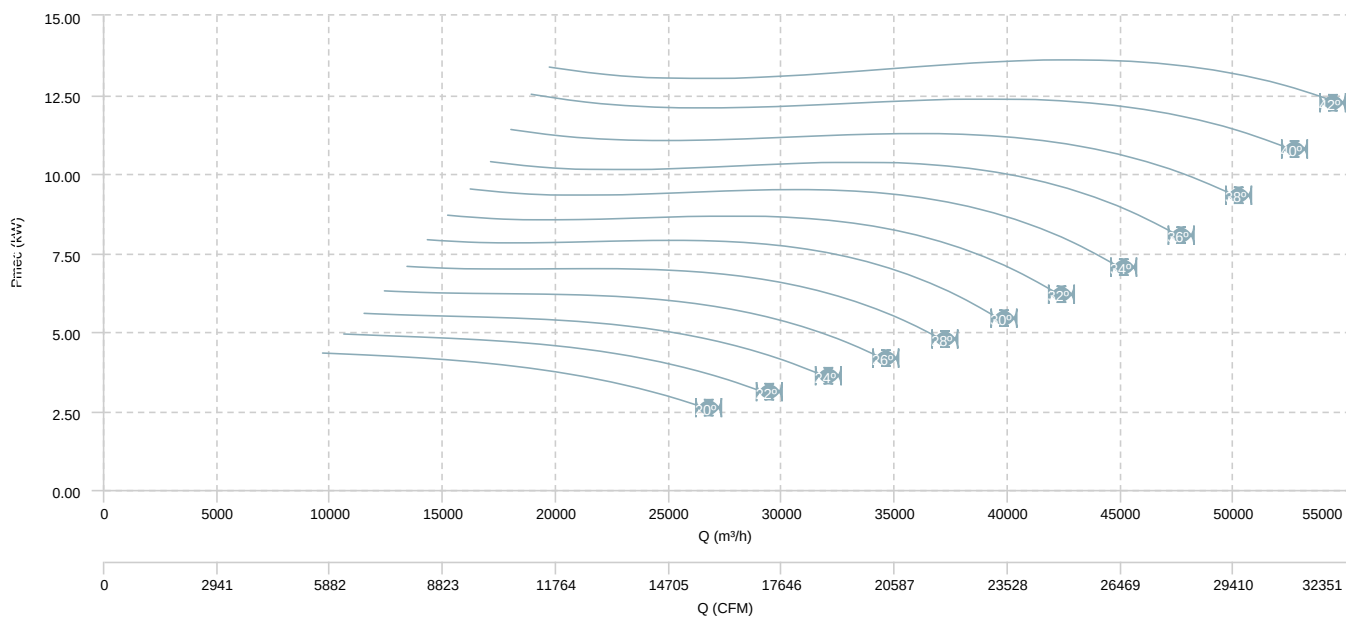


HCF 90 T4/T8 (A3:8) F400

AIR FLOW - PRESSURE (4 poles)

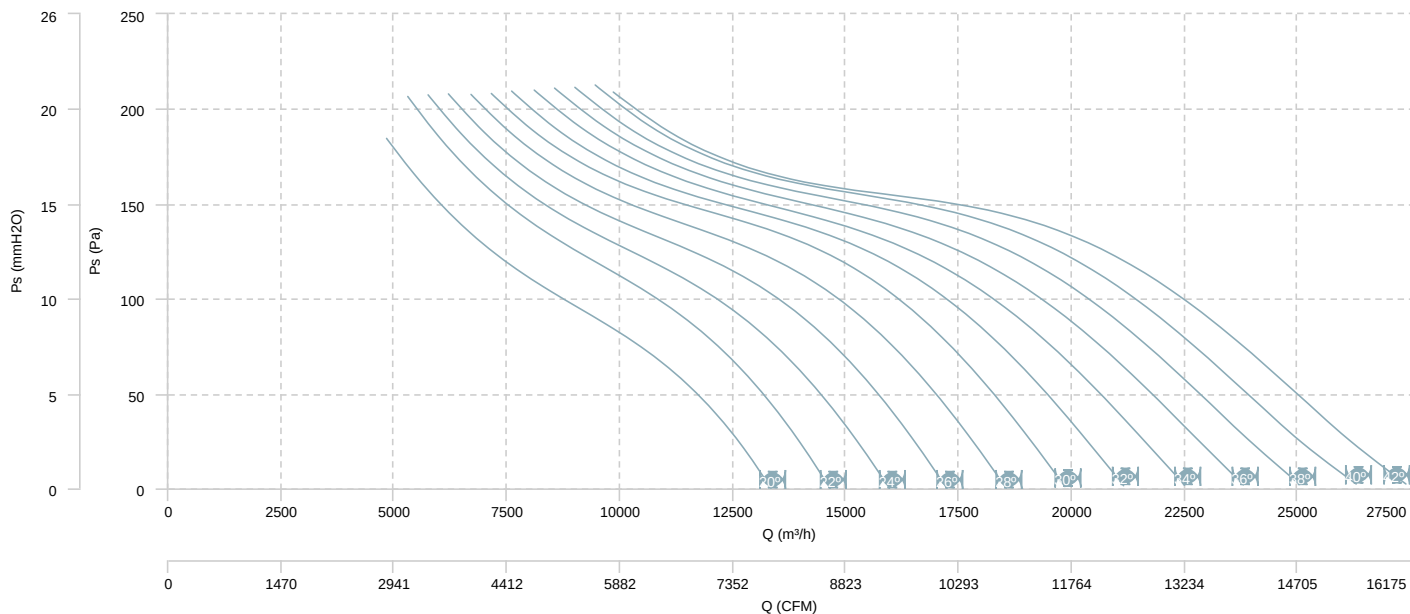


AIR FLOW - MECHANICAL POWER (4 poles)

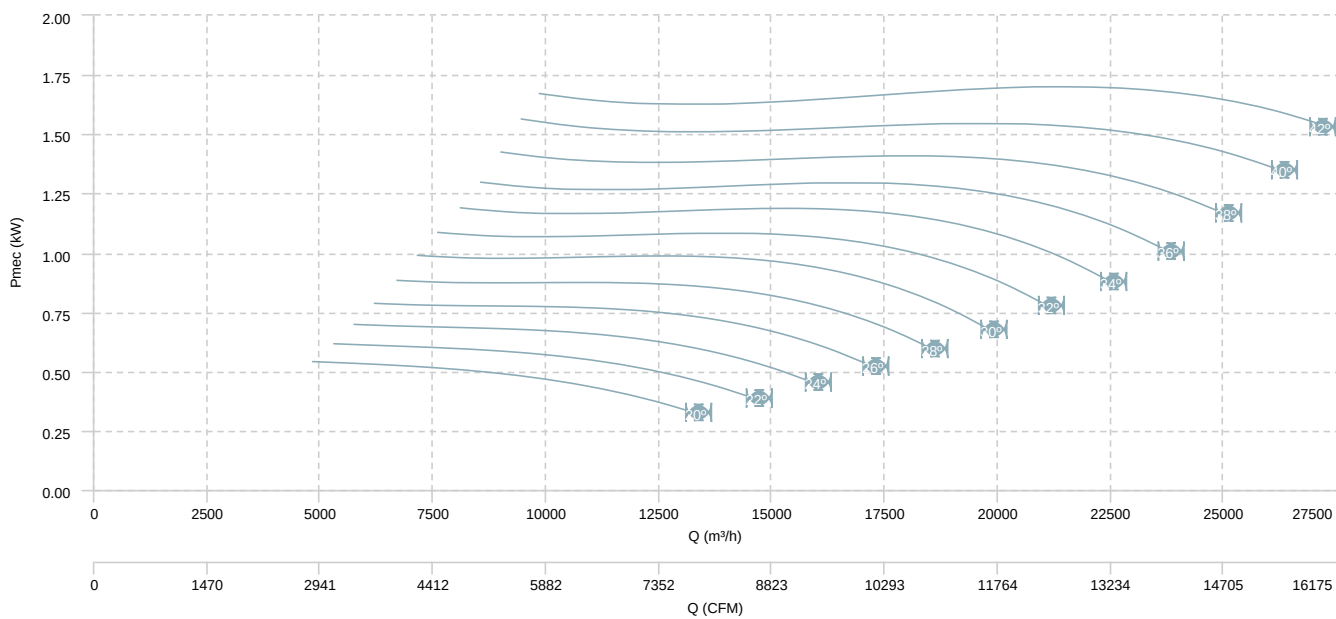


HCF 90 T4/T8 (A3:8) F400

AIR FLOW - PRESSURE (8 poles)

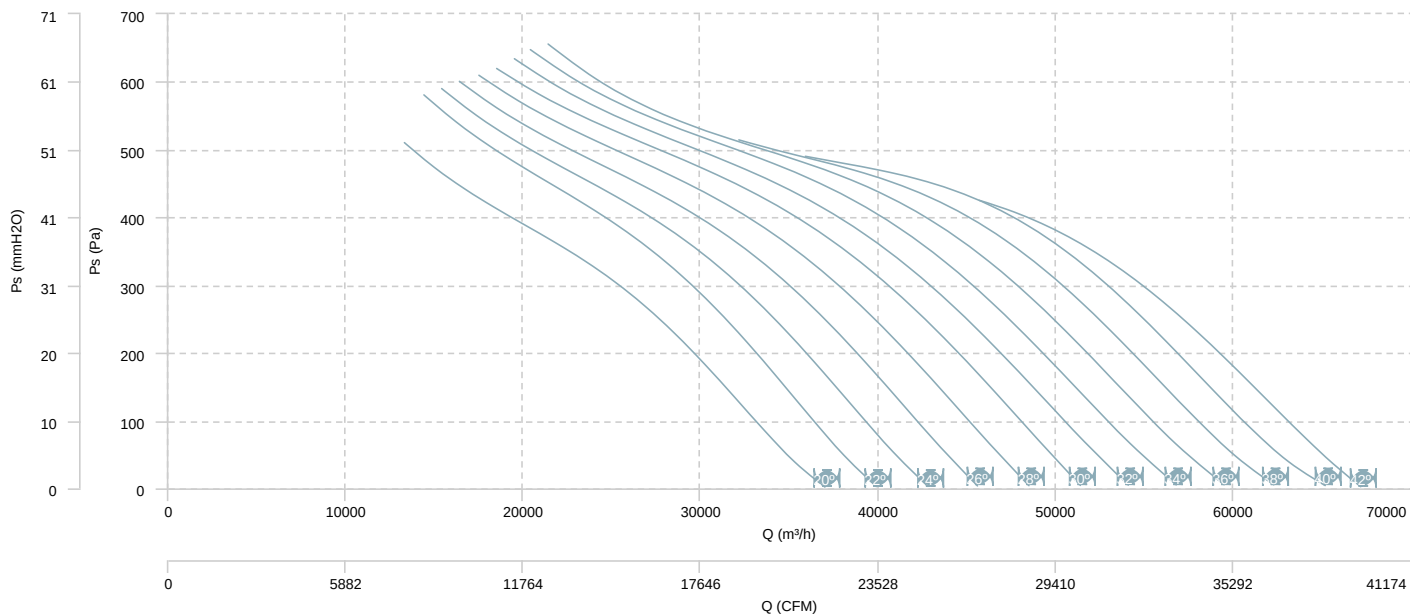


AIR FLOW - MECHANICAL POWER (8 poles)

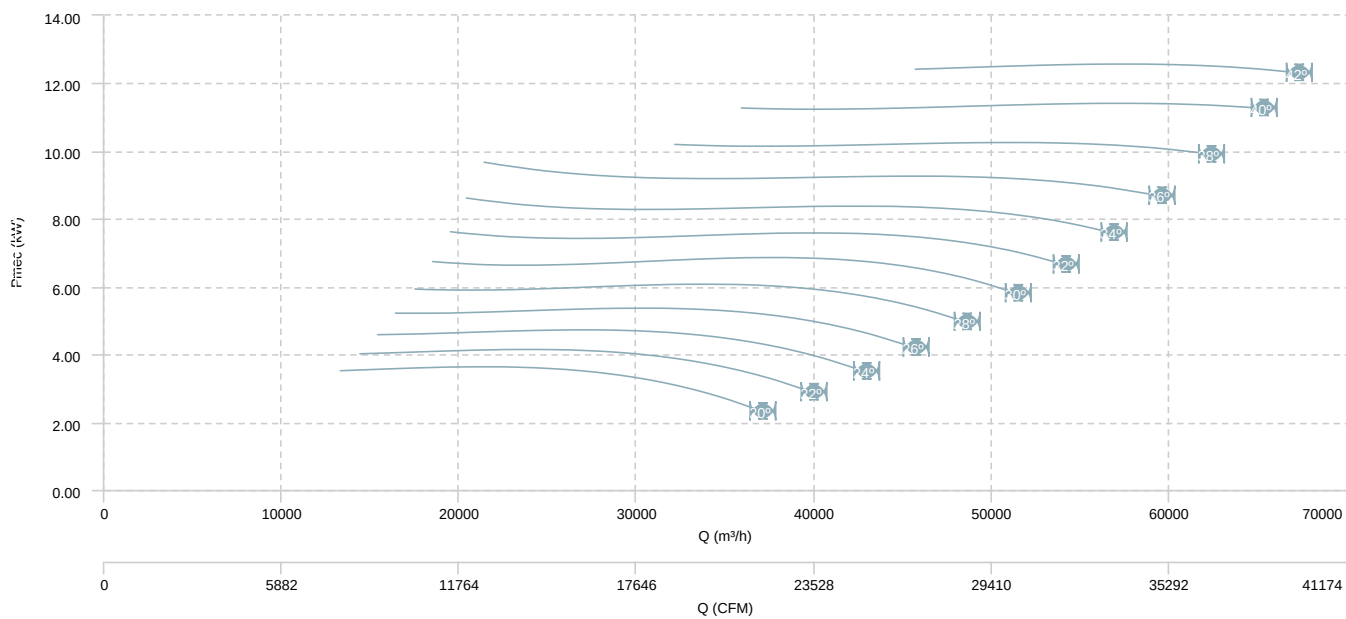


HCF 100 T4 (A3:4) F400

AIR FLOW - PRESSURE

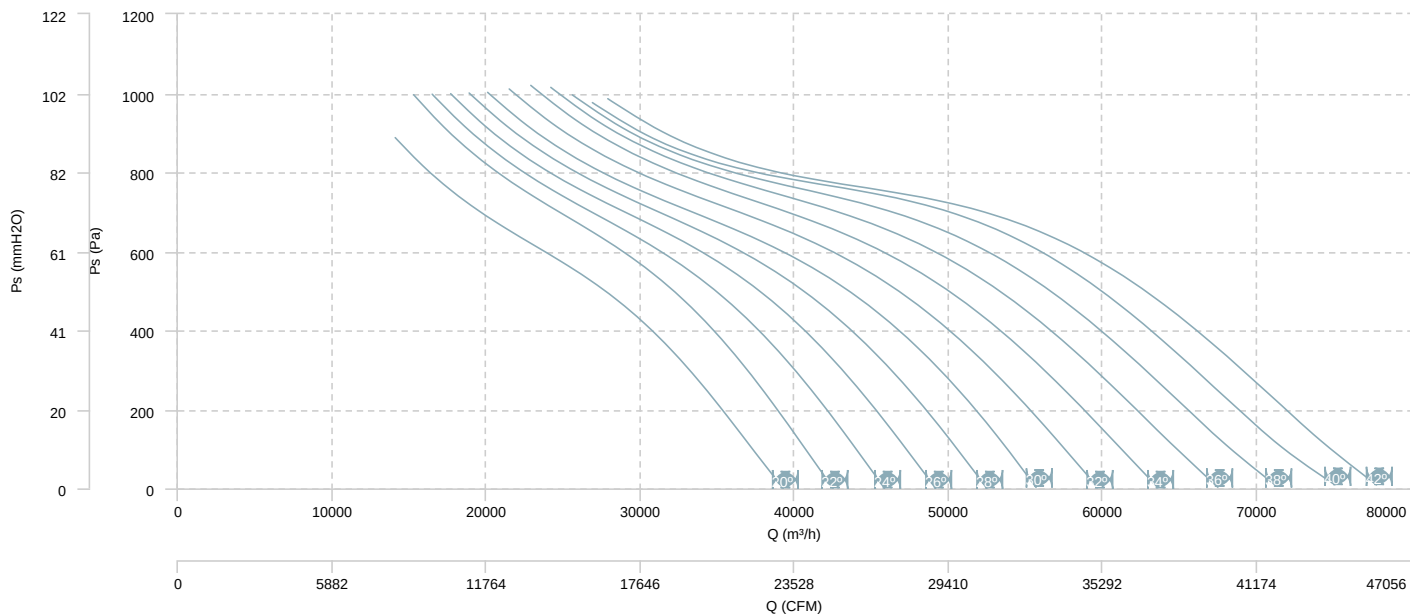


AIR FLOW - MECHANICAL POWER

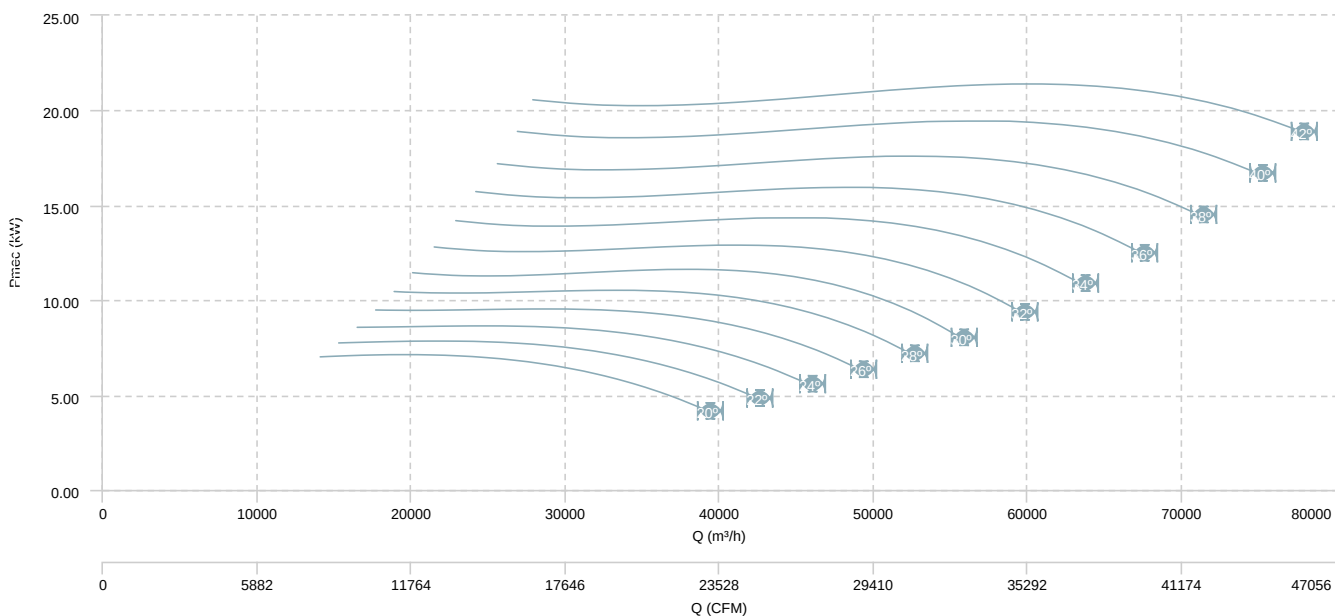


HCF 100 T4 (A3:8) F400

AIR FLOW - PRESSURE

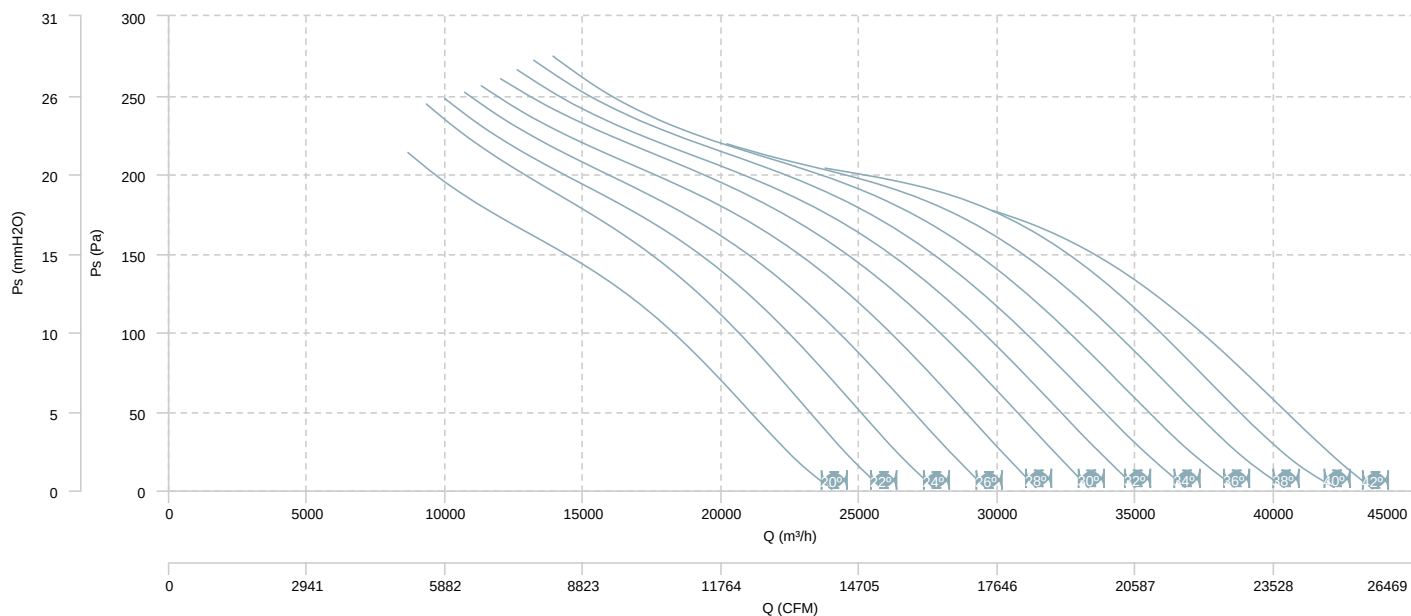


AIR FLOW - MECHANICAL POWER

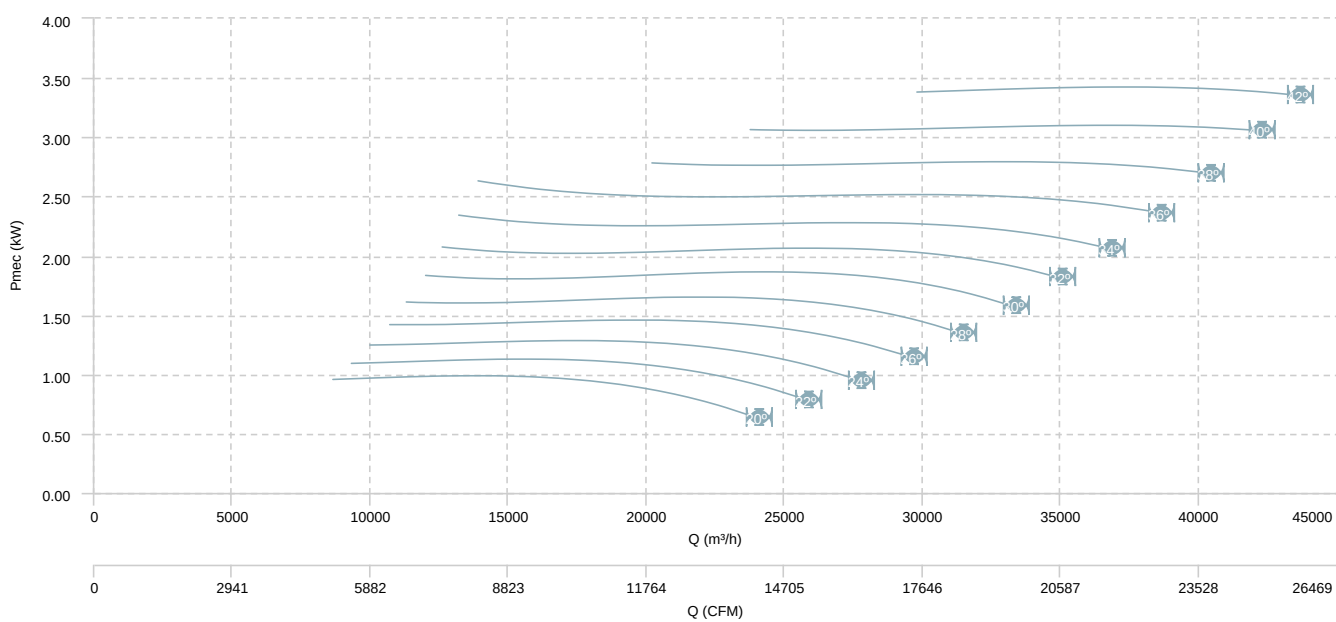


HCF 100 T6 (A3:4) F400

AIR FLOW - PRESSURE

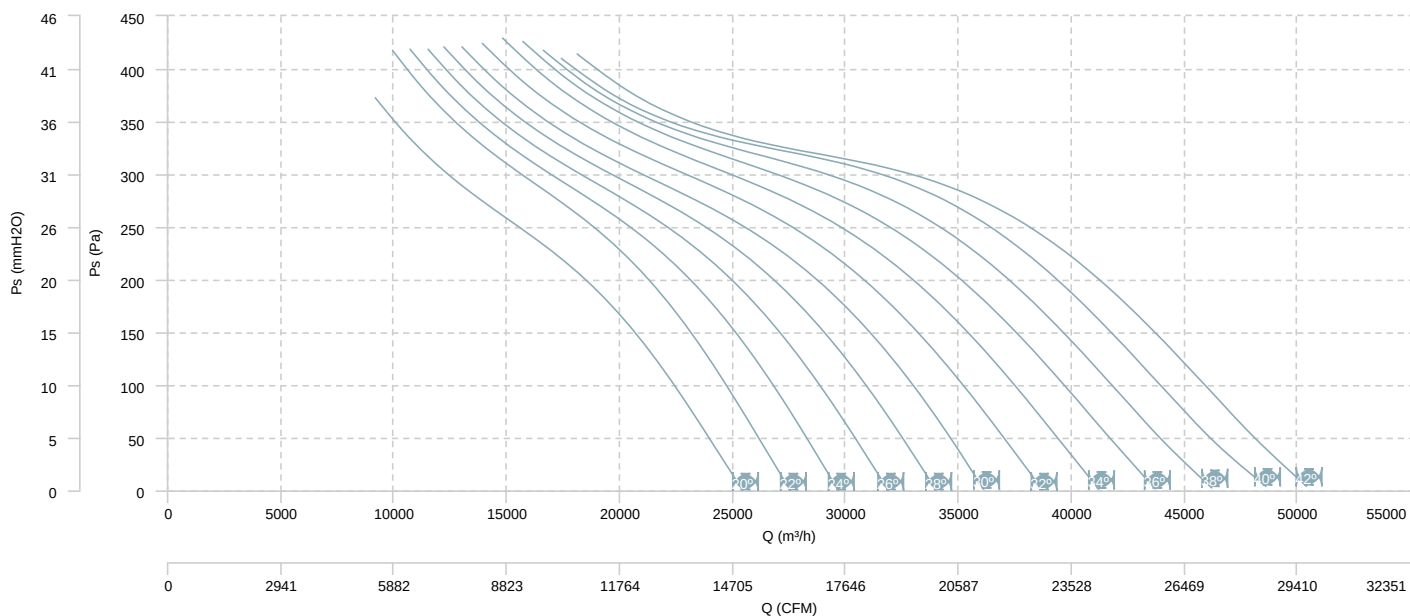


AIR FLOW - MECHANICAL POWER

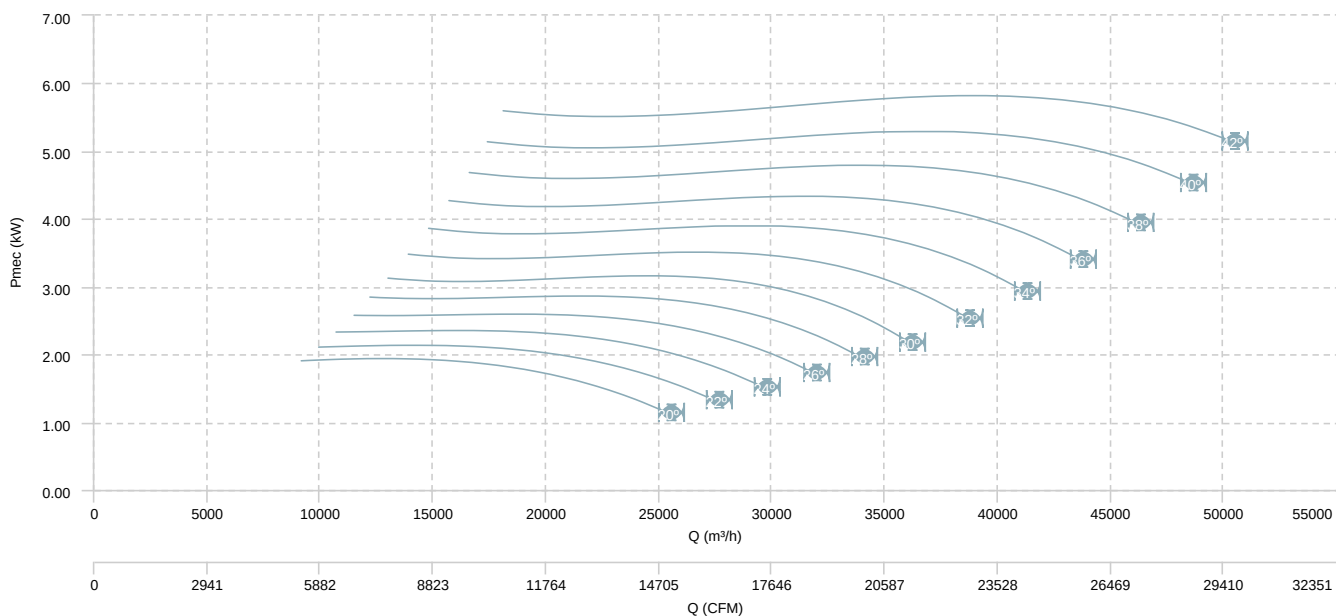


HCF 100 T6 (A3:8) F400

AIR FLOW - PRESSURE

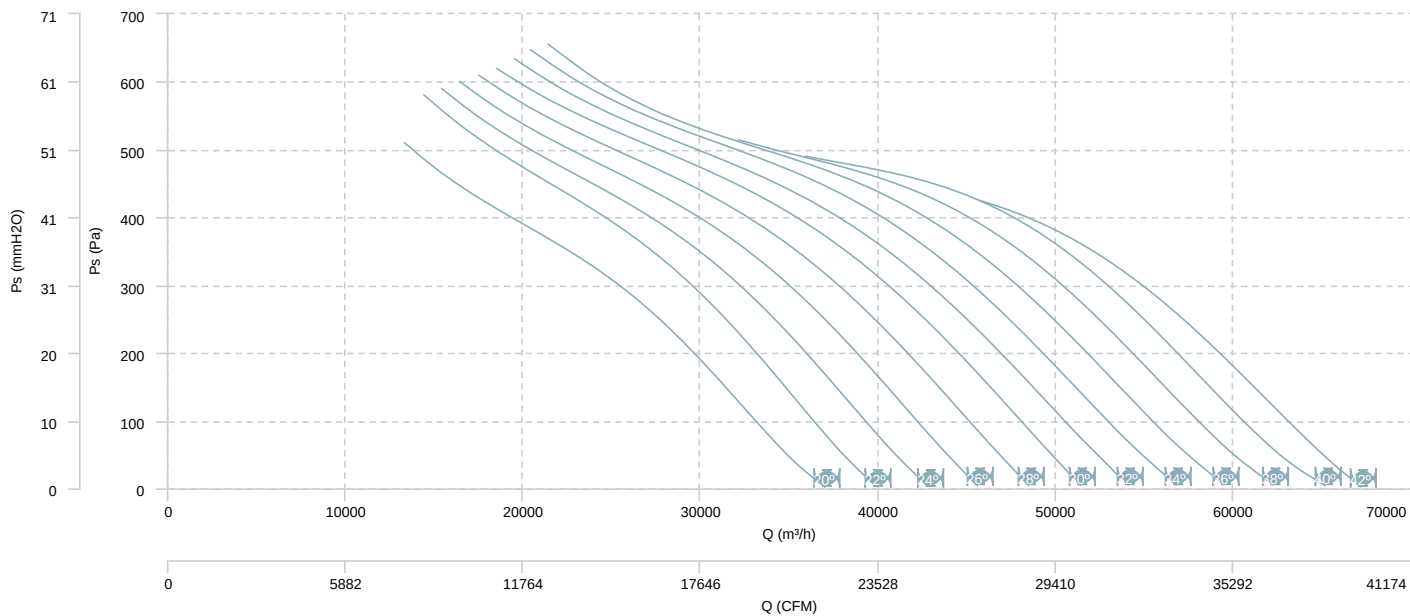


AIR FLOW - MECHANICAL POWER

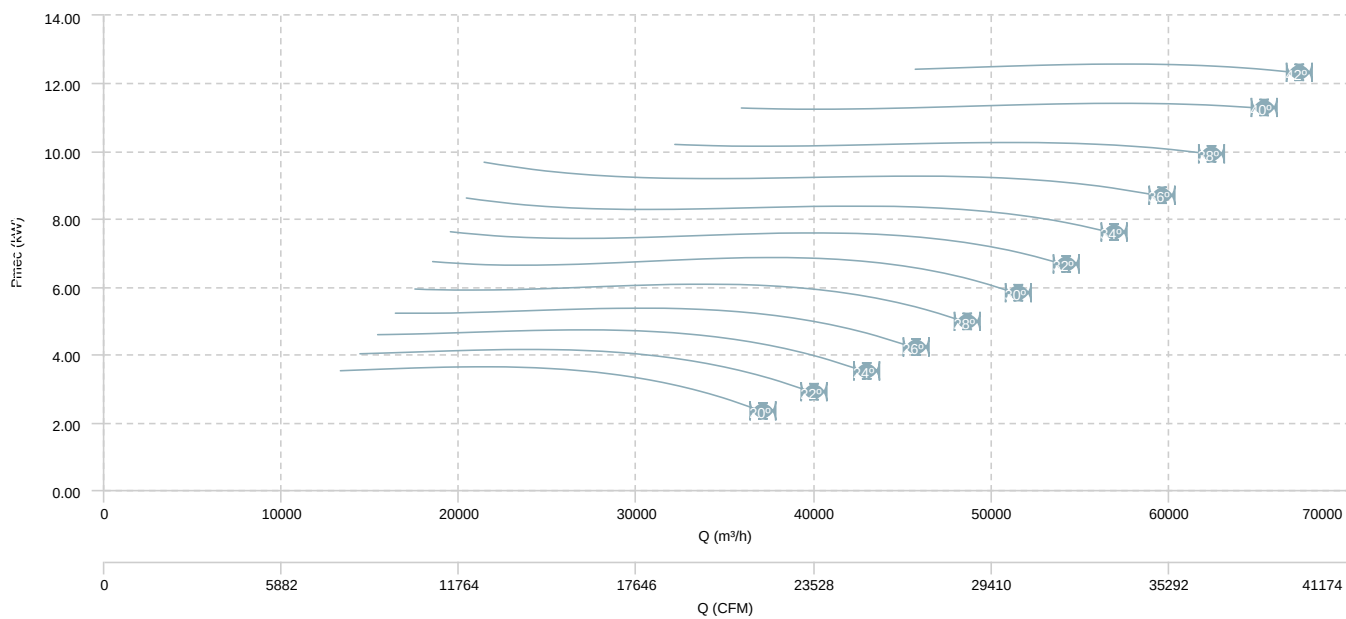


HCF 100 T4/T8 (A3:4) F400

AIR FLOW - PRESSURE (4 poles)

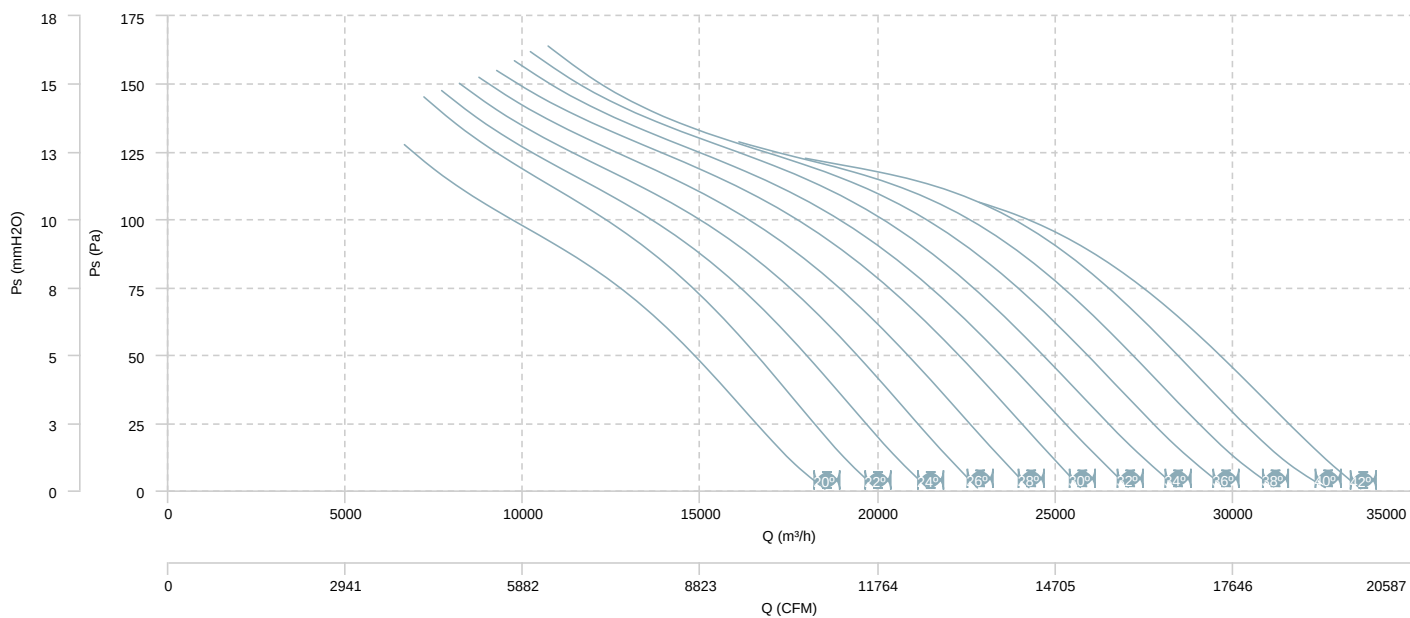


AIR FLOW - MECHANICAL POWER (4 poles)

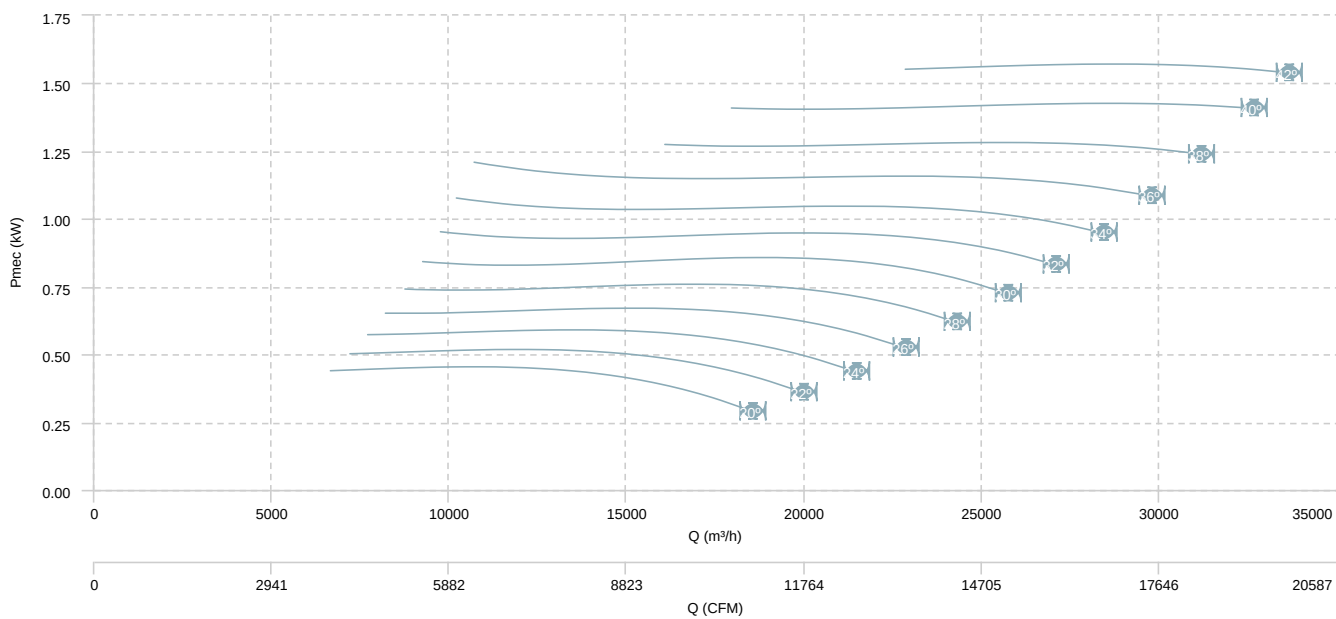


HCF 100 T4/T8 (A3:4) F400

AIR FLOW - PRESSURE (8 poles)

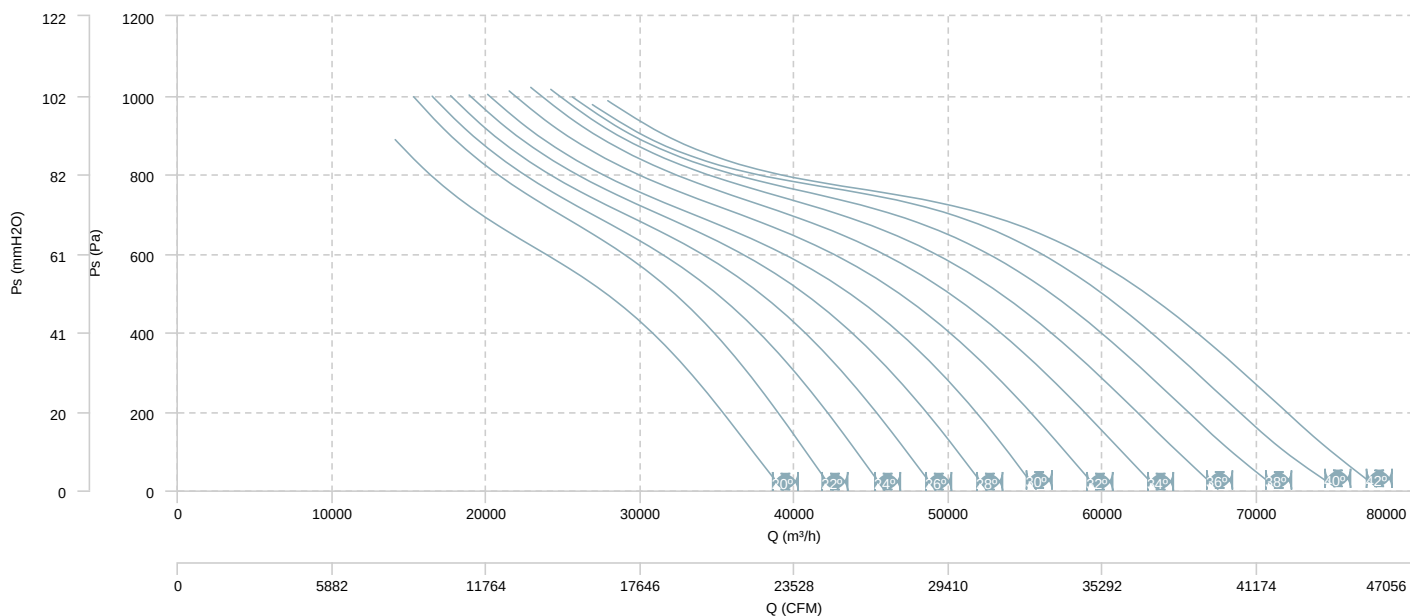


AIR FLOW - MECHANICAL POWER (8 poles)

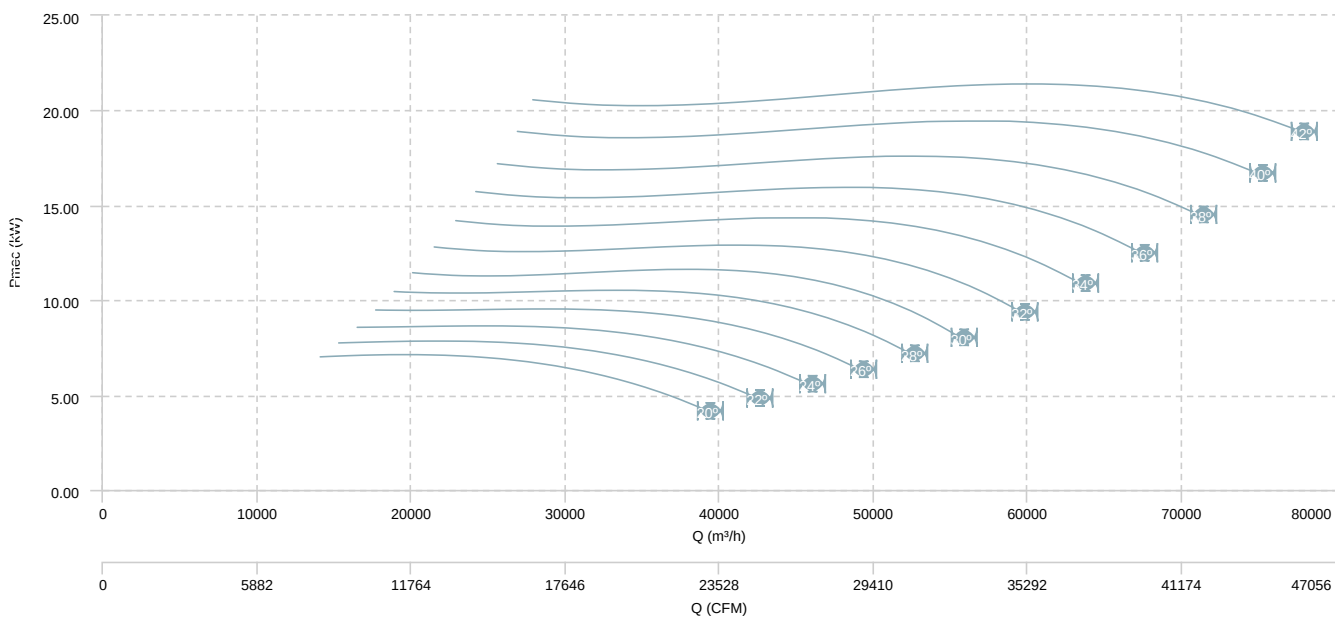


HCF 100 T4/T8 (A3:8) F400

AIR FLOW - PRESSURE (4 poles)

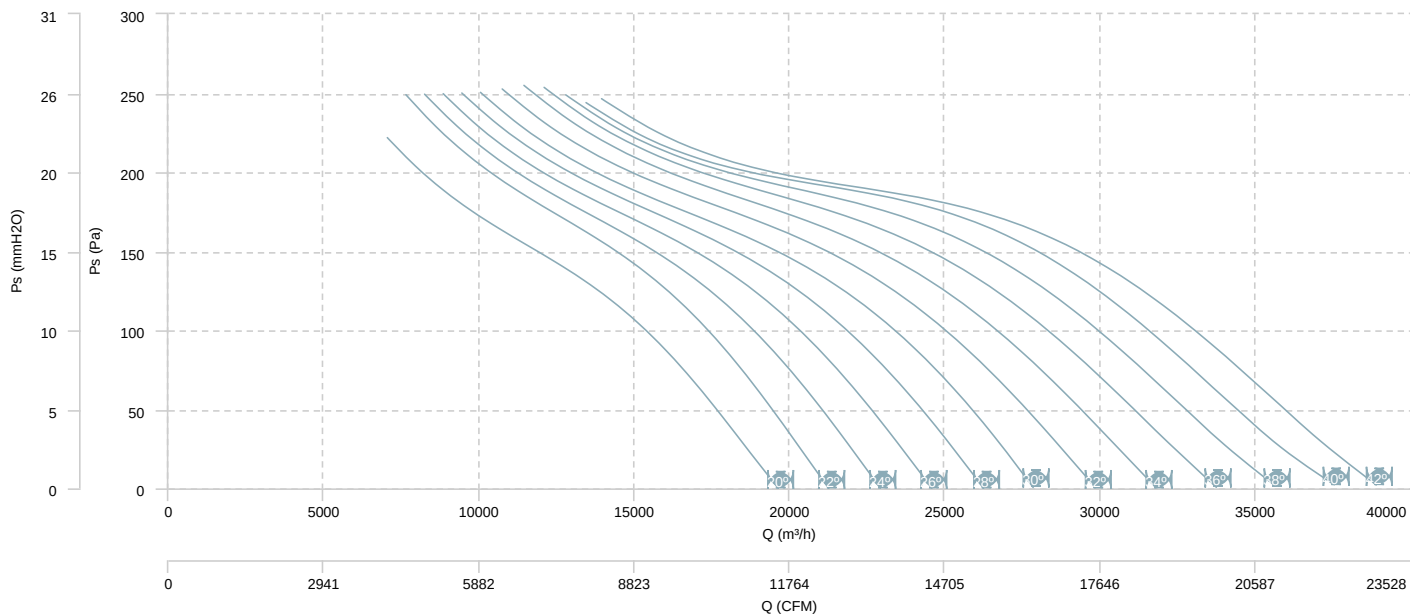


AIR FLOW - MECHANICAL POWER (4 poles)

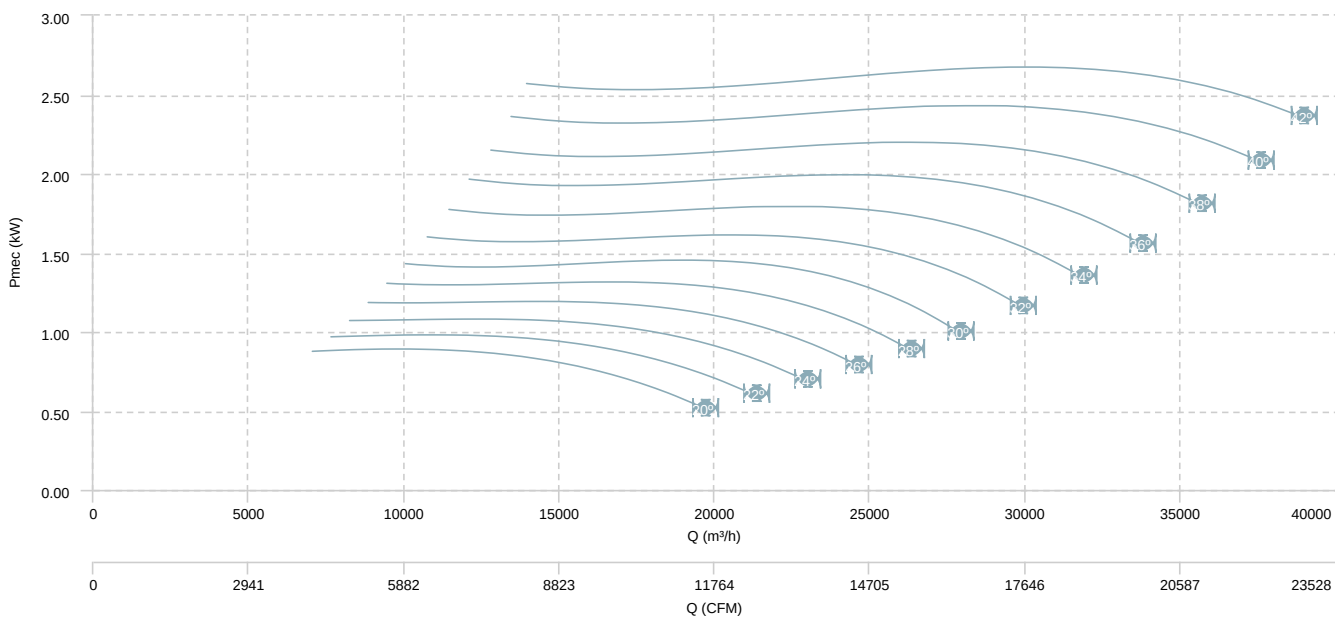


HCF 100 T4/T8 (A3:8) F400

AIR FLOW - PRESSURE (8 poles)

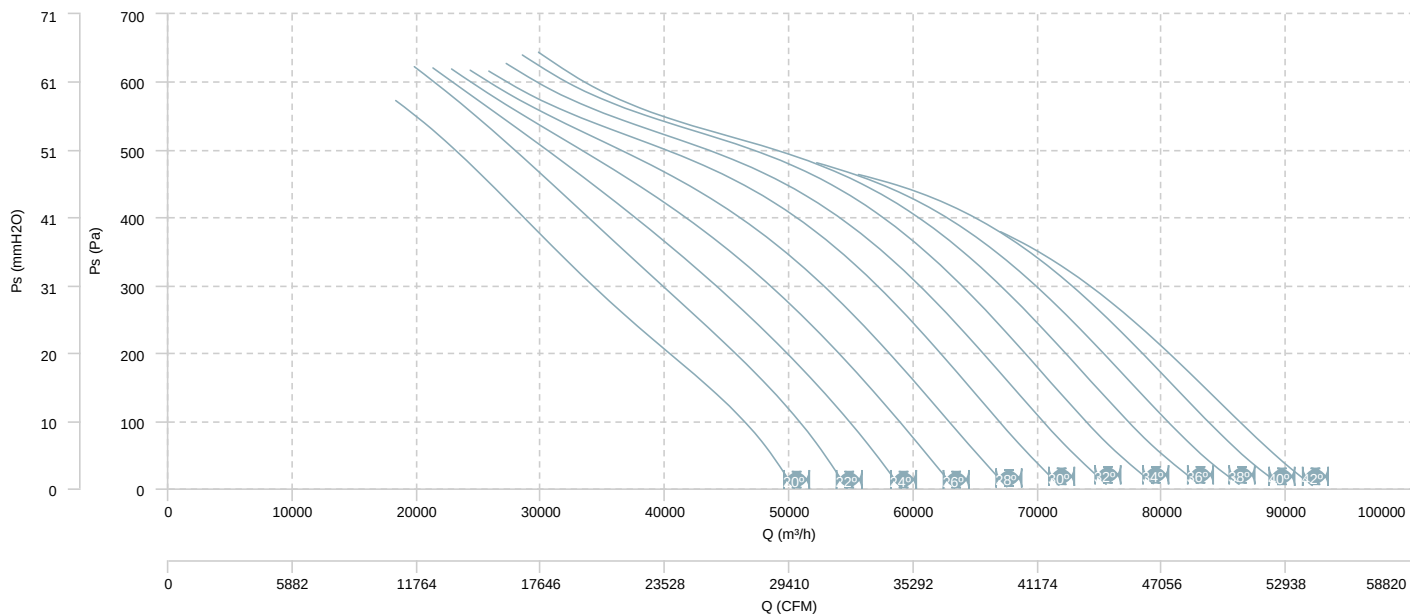


AIR FLOW - MECHANICAL POWER (8 poles)

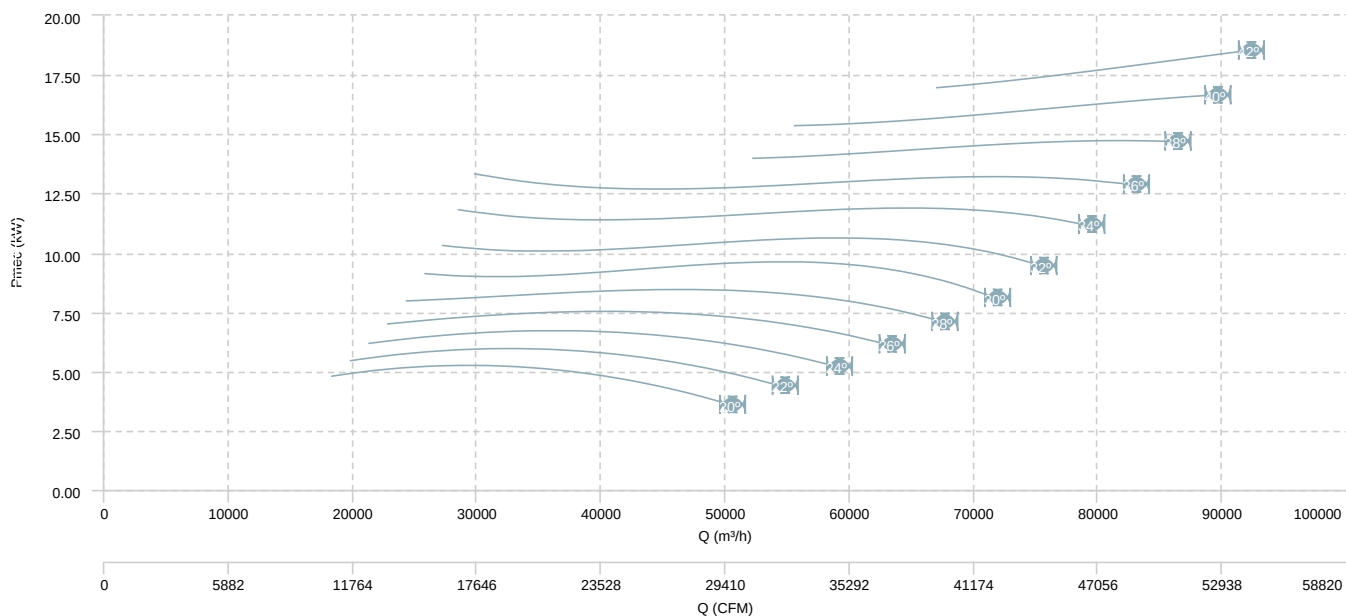


HCF 112 T4 (A3:4) F400

AIR FLOW - PRESSURE

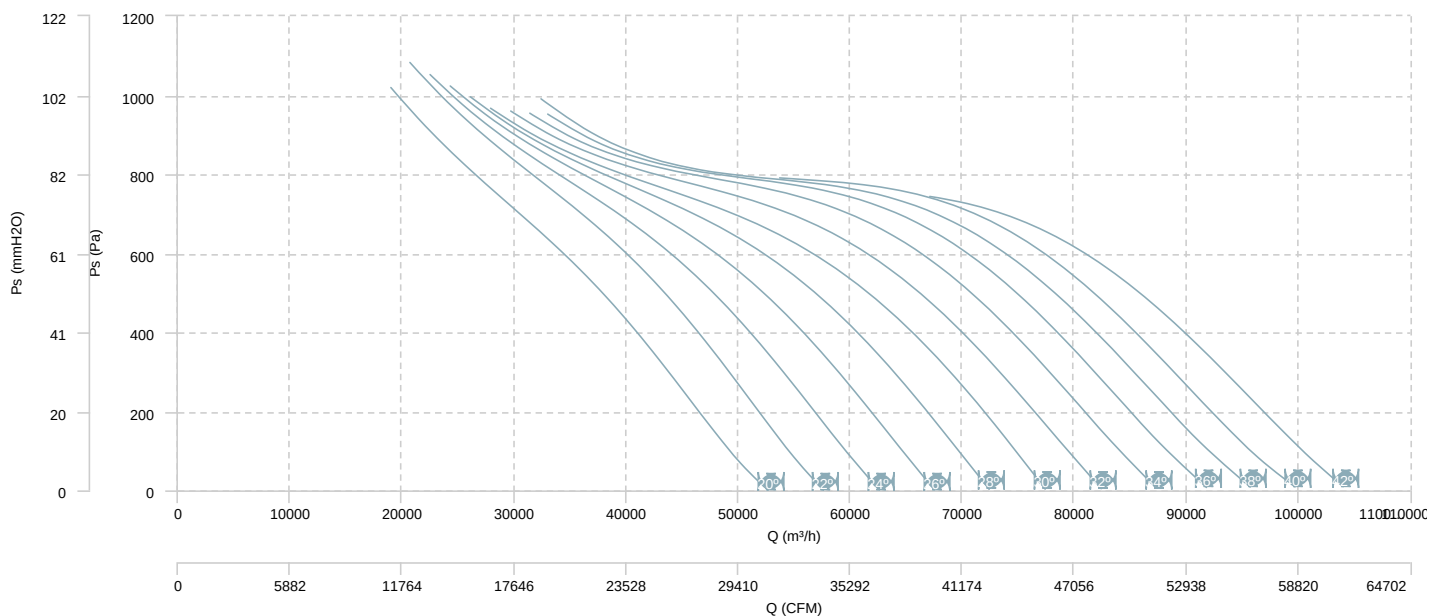


AIR FLOW - MECHANICAL POWER

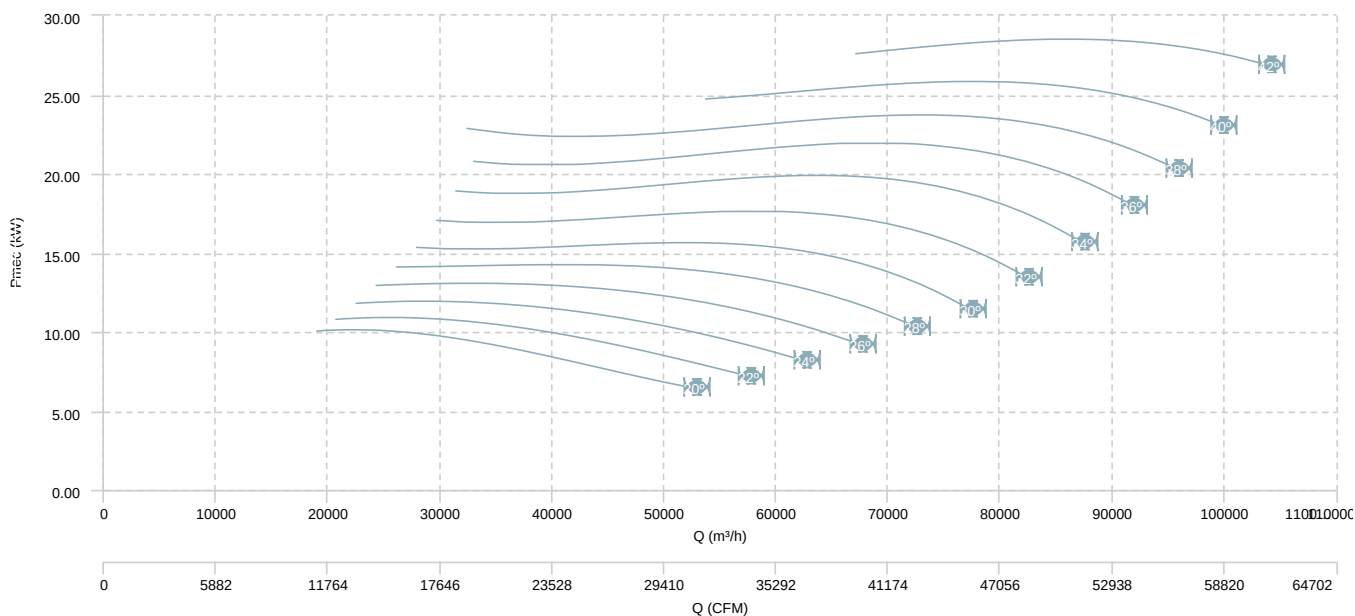


HCF 112 T4 (A3:8) F400

AIR FLOW - PRESSURE

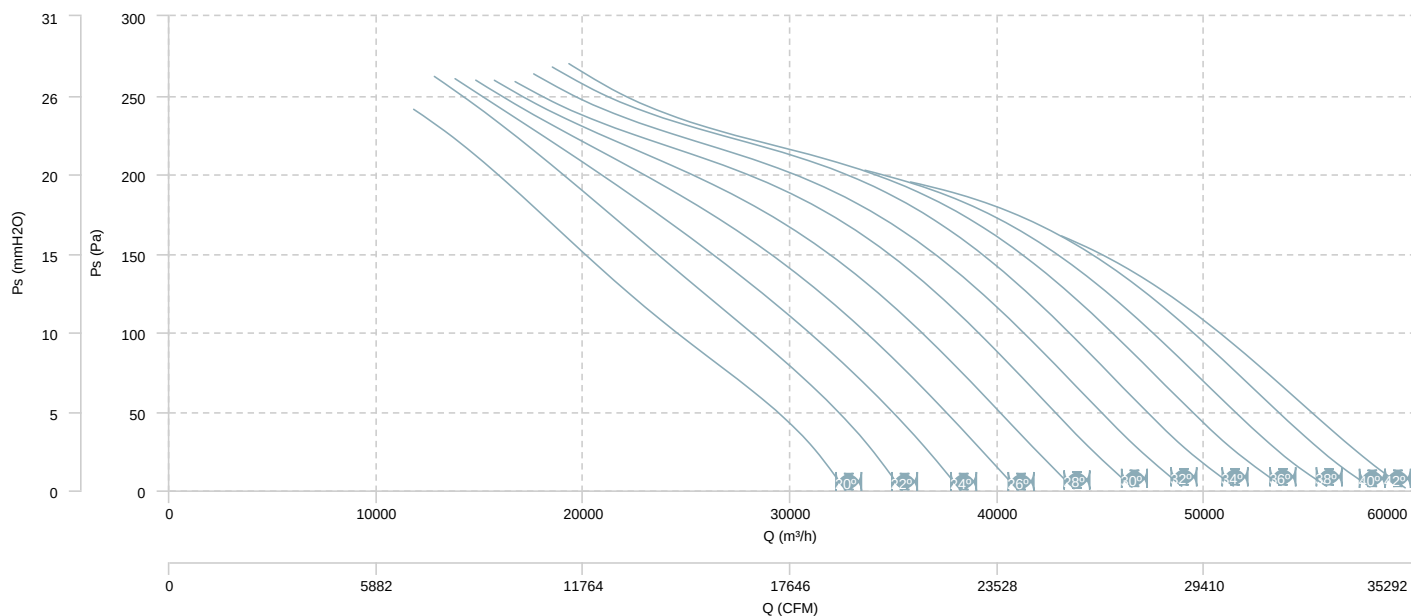


AIR FLOW - MECHANICAL POWER

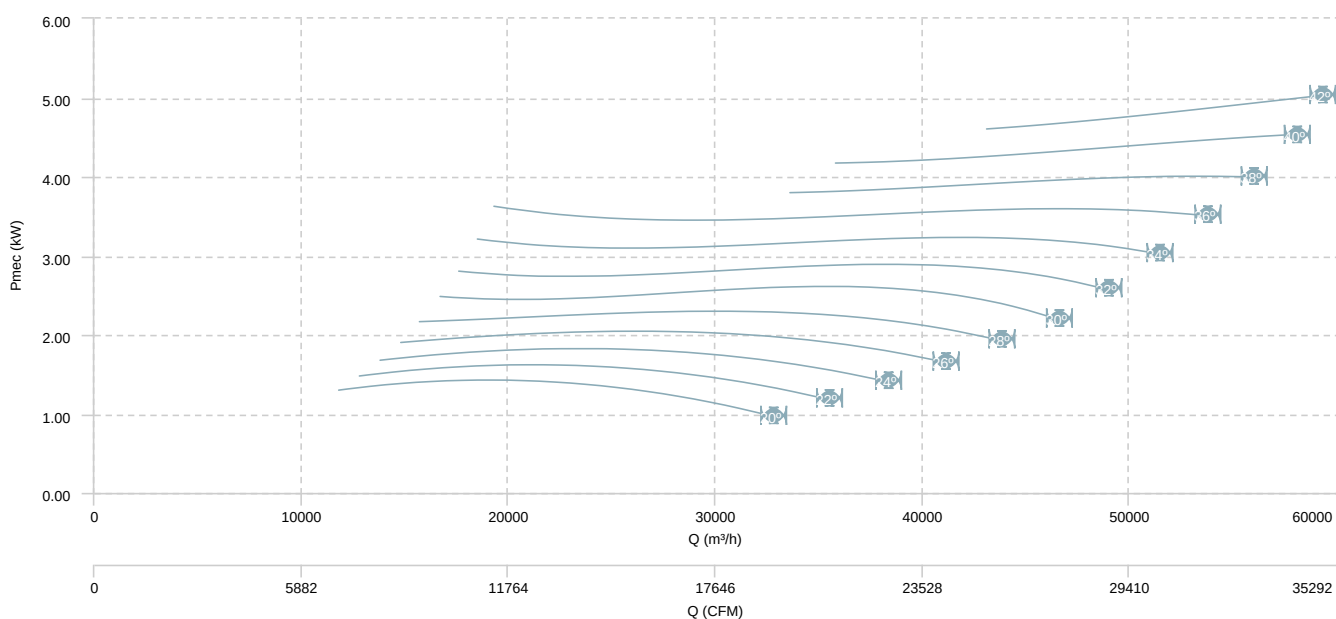


HCF 112 T6 (A3:4) F400

AIR FLOW - PRESSURE

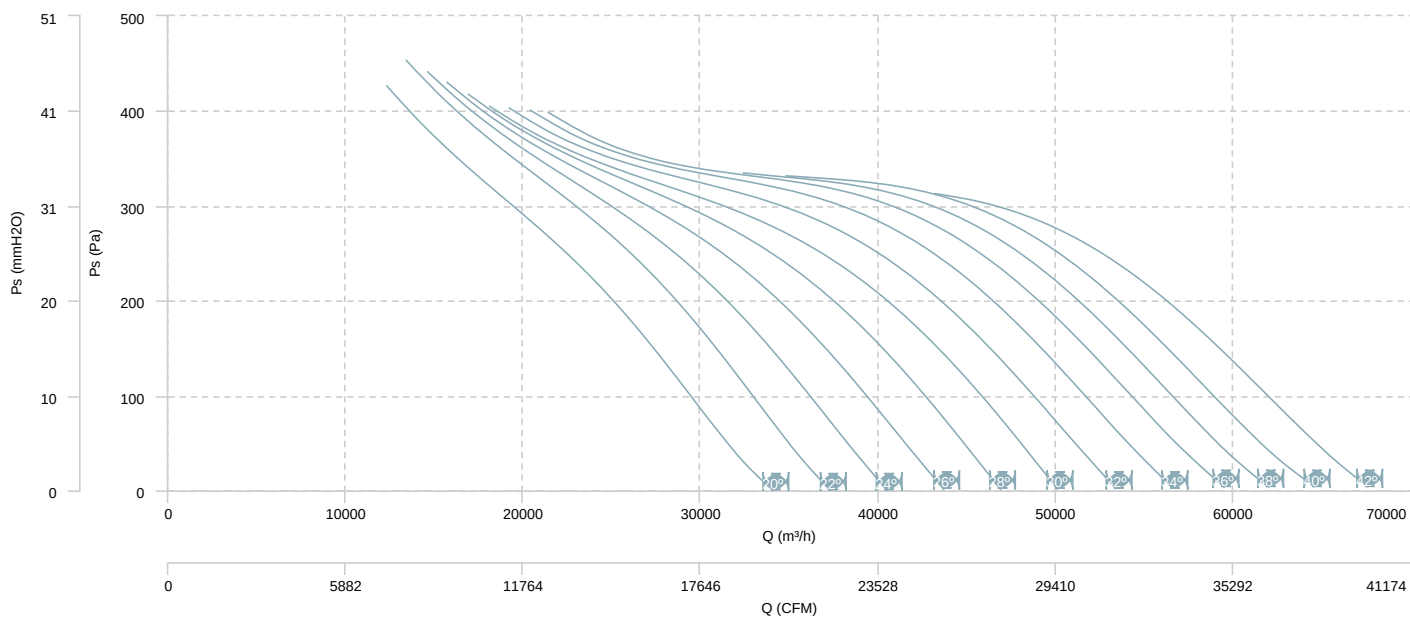


AIR FLOW - MECHANICAL POWER

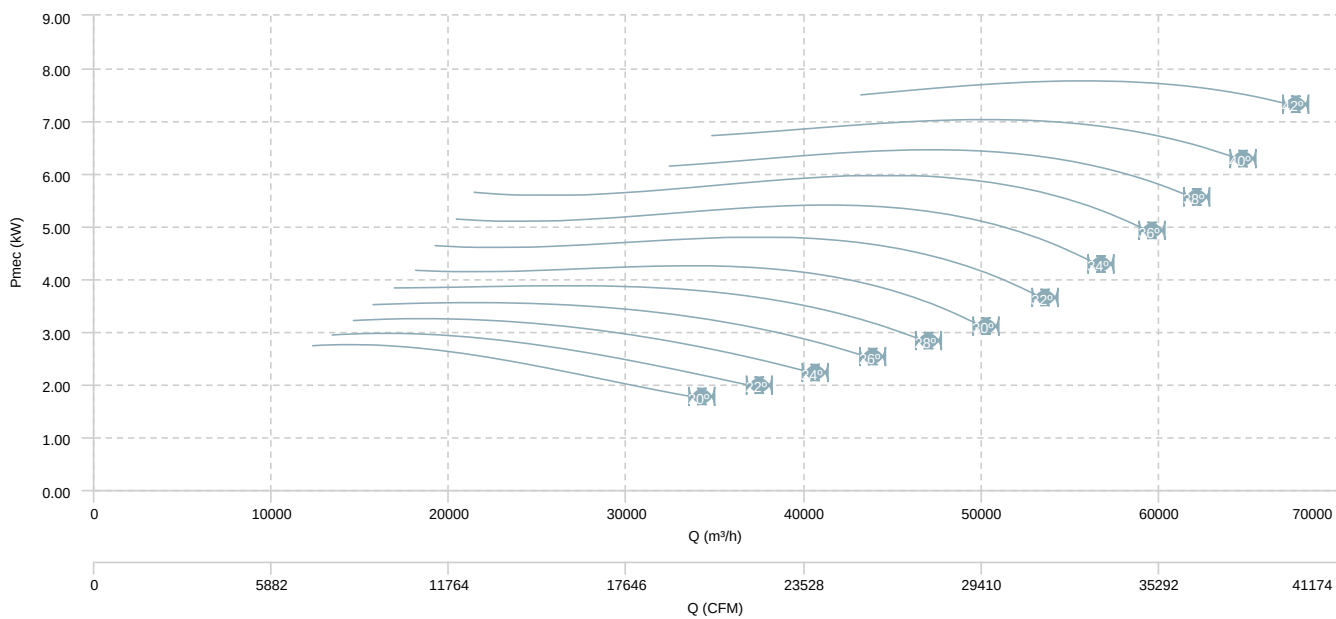


HCF 112 T6 (A3:8) F400

AIR FLOW - PRESSURE

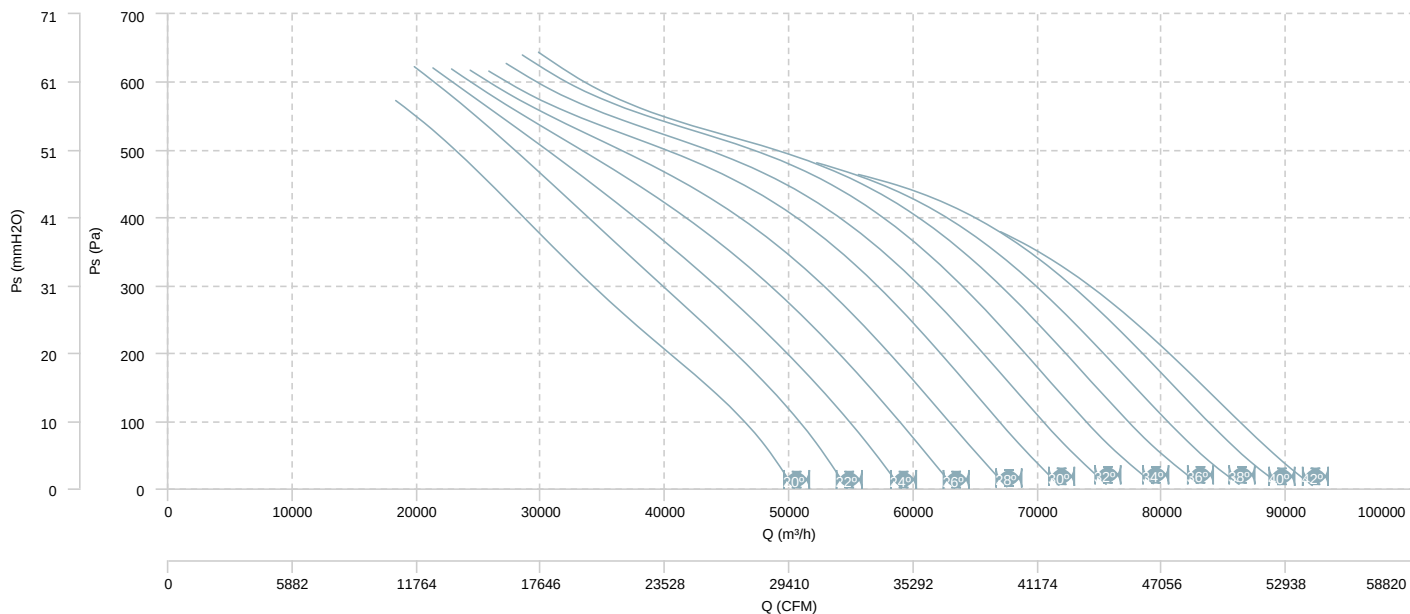


AIR FLOW - MECHANICAL POWER

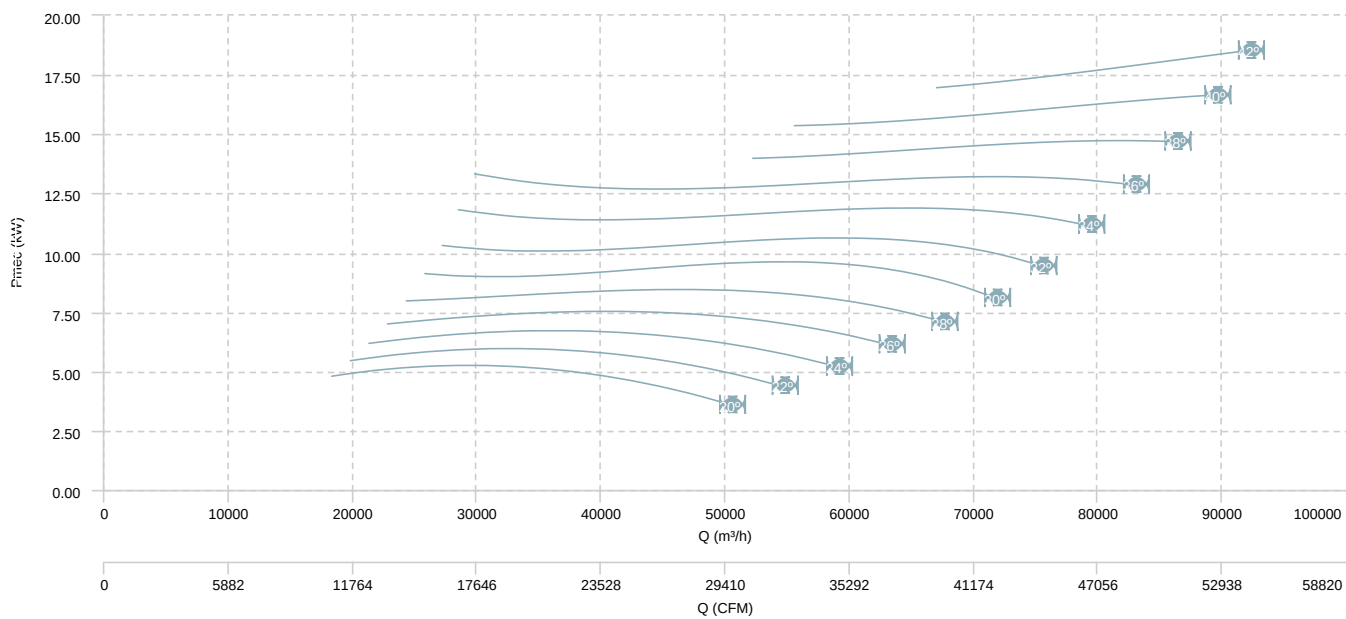


HCF 112 T4/T8 (A3:4) F400

AIR FLOW - PRESSURE (4 poles)

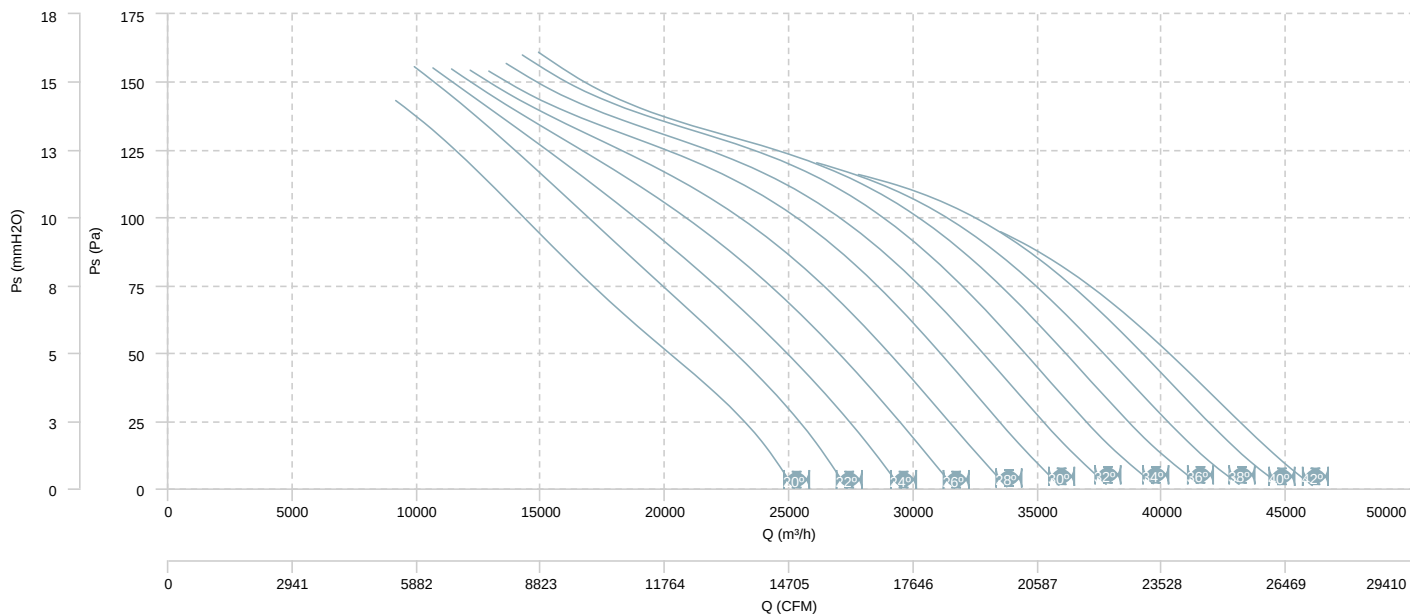


AIR FLOW - MECHANICAL POWER (4 poles)

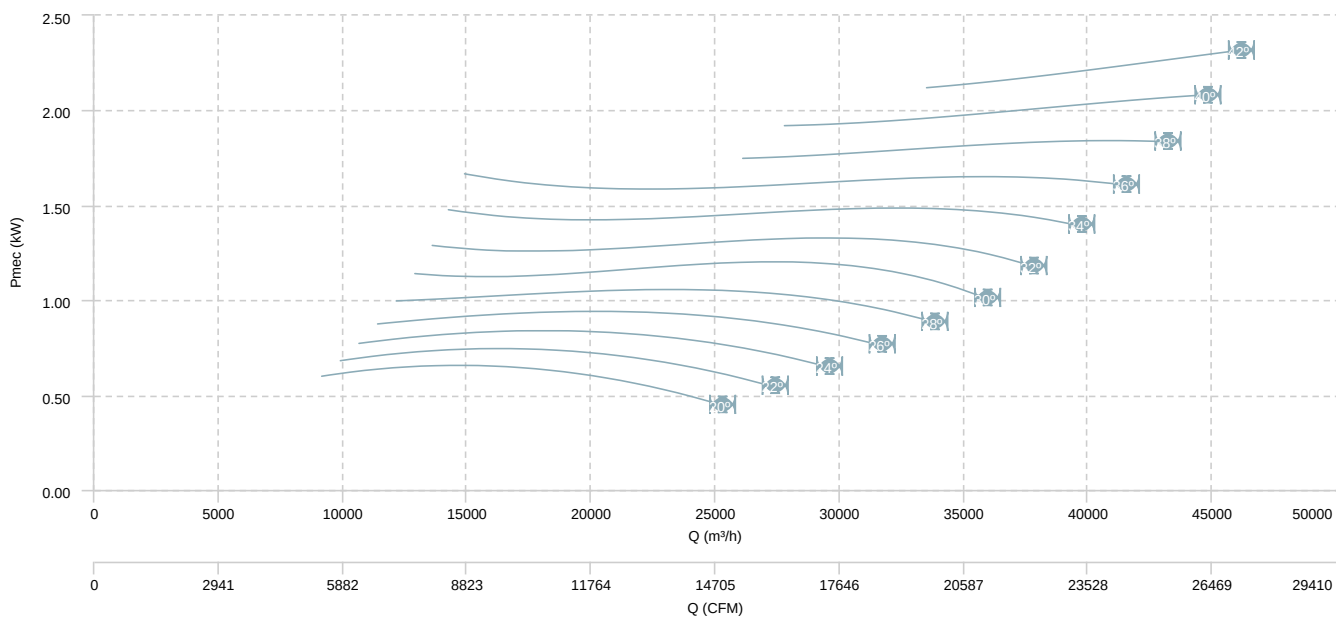


HCF 112 T4/T8 (A3:4) F400

AIR FLOW - PRESSURE (8 poles)

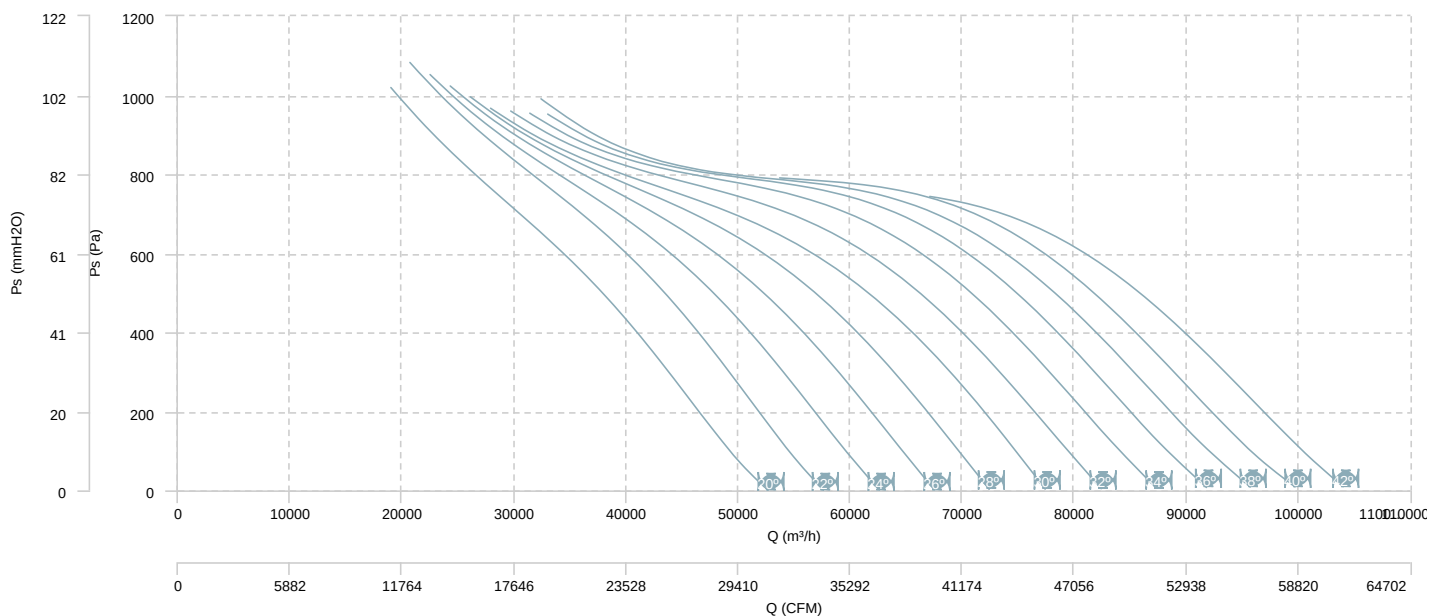


AIR FLOW - MECHANICAL POWER (8 poles)

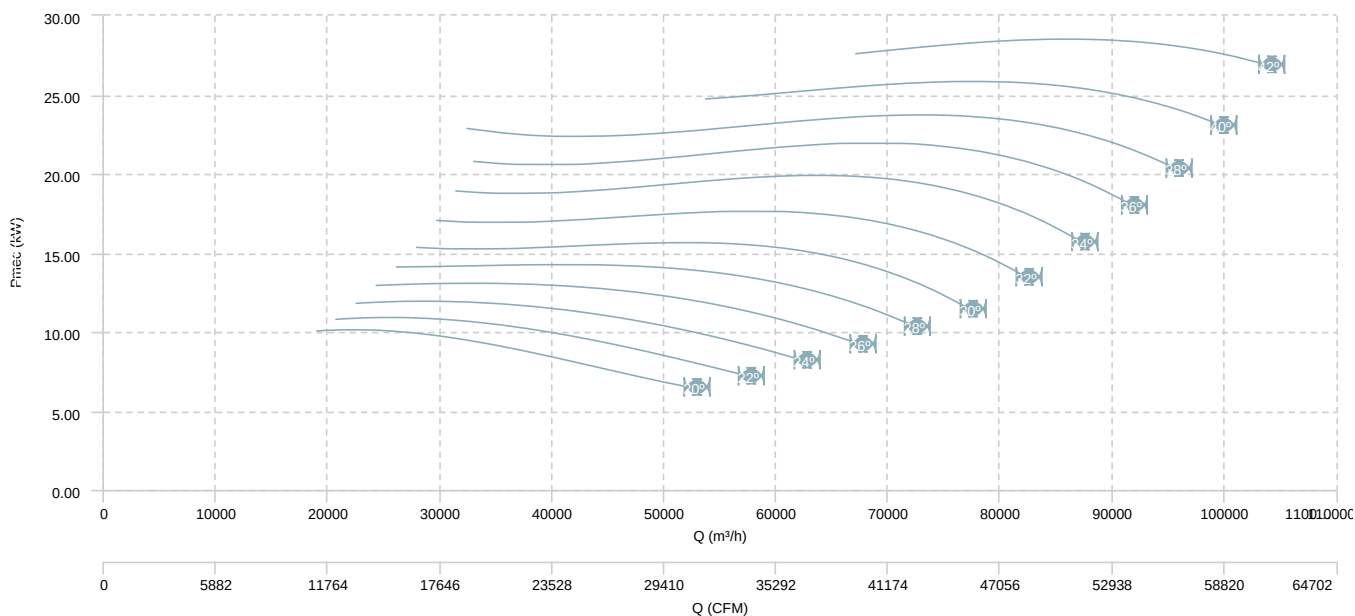


HCF 112 T4/T8 (A3:8) F400

AIR FLOW - PRESSURE (4 poles)

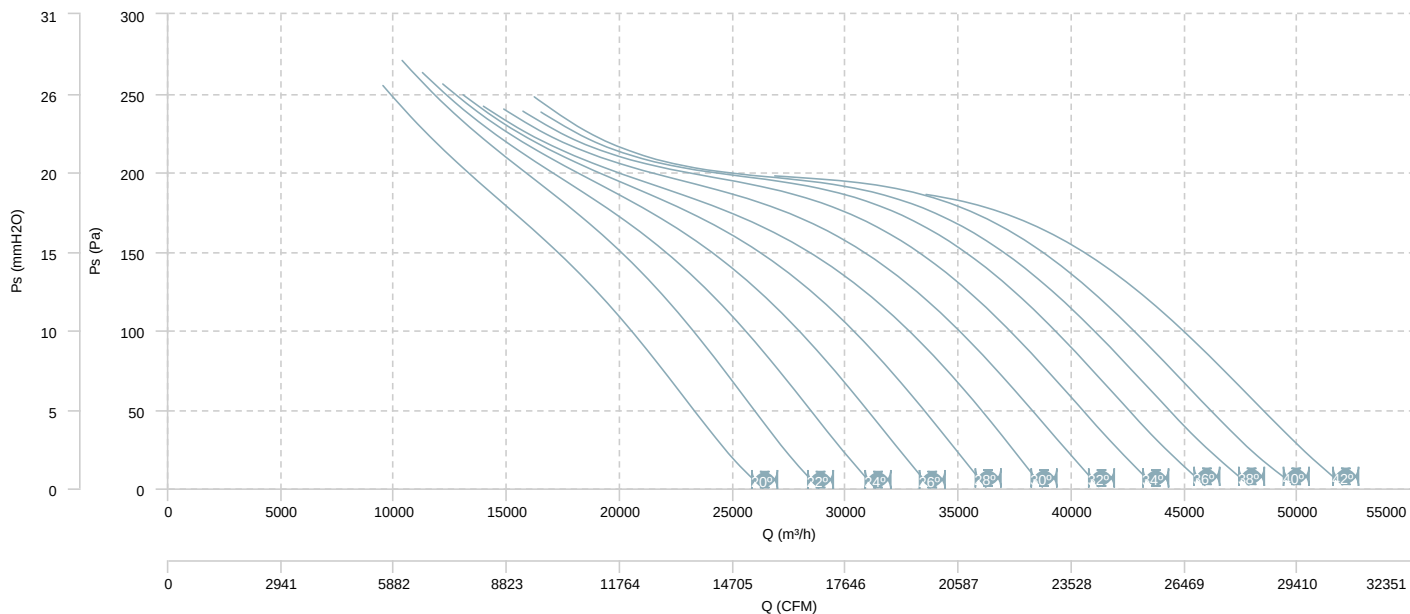


AIR FLOW - MECHANICAL POWER (4 poles)

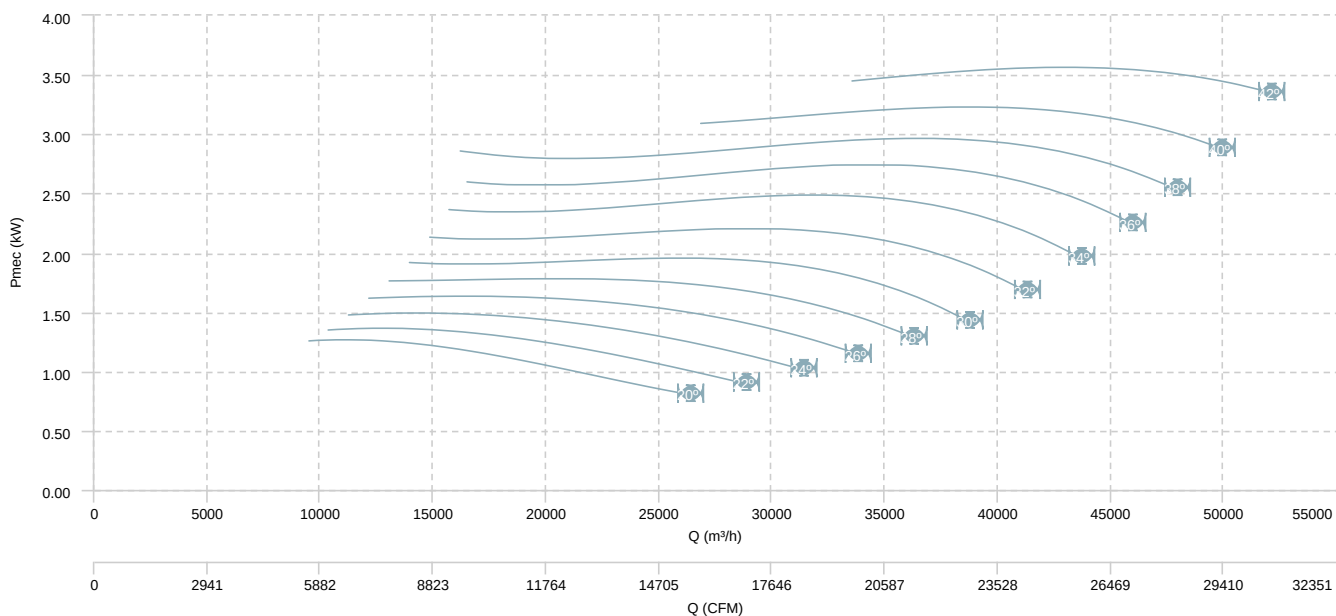


HCF 112 T4/T8 (A3:8) F400

AIR FLOW - PRESSURE (8 poles)

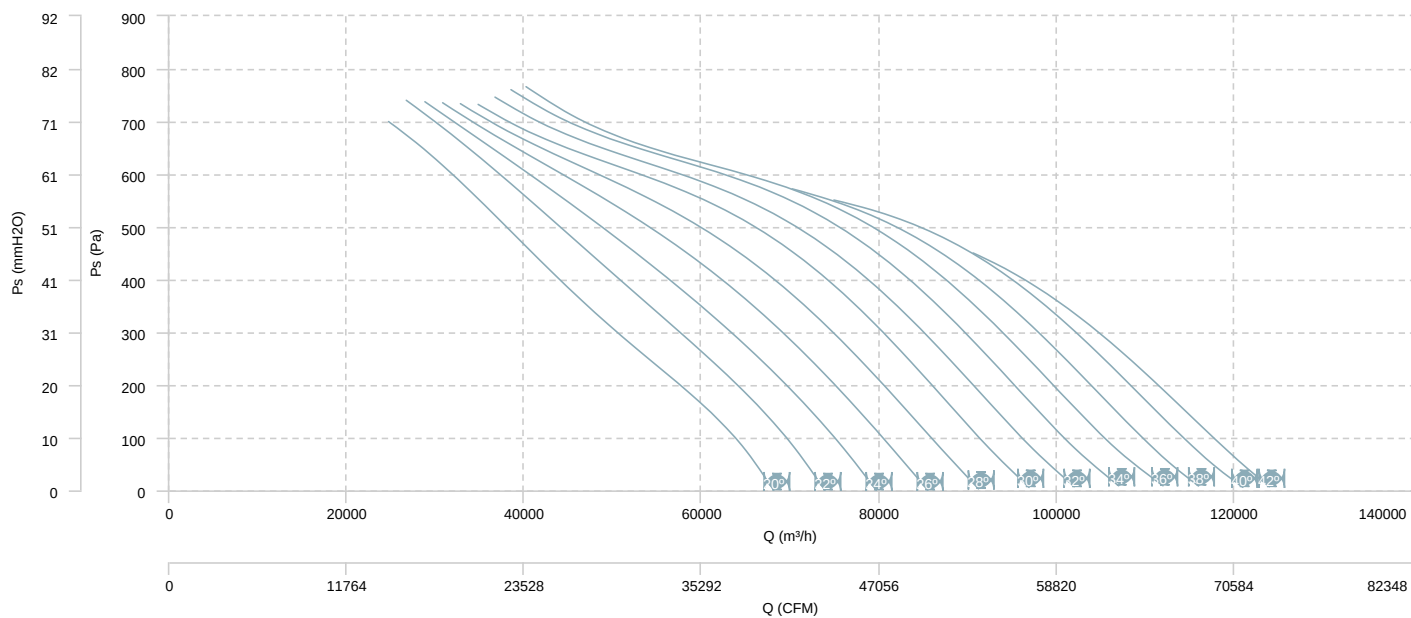


AIR FLOW - MECHANICAL POWER (8 poles)

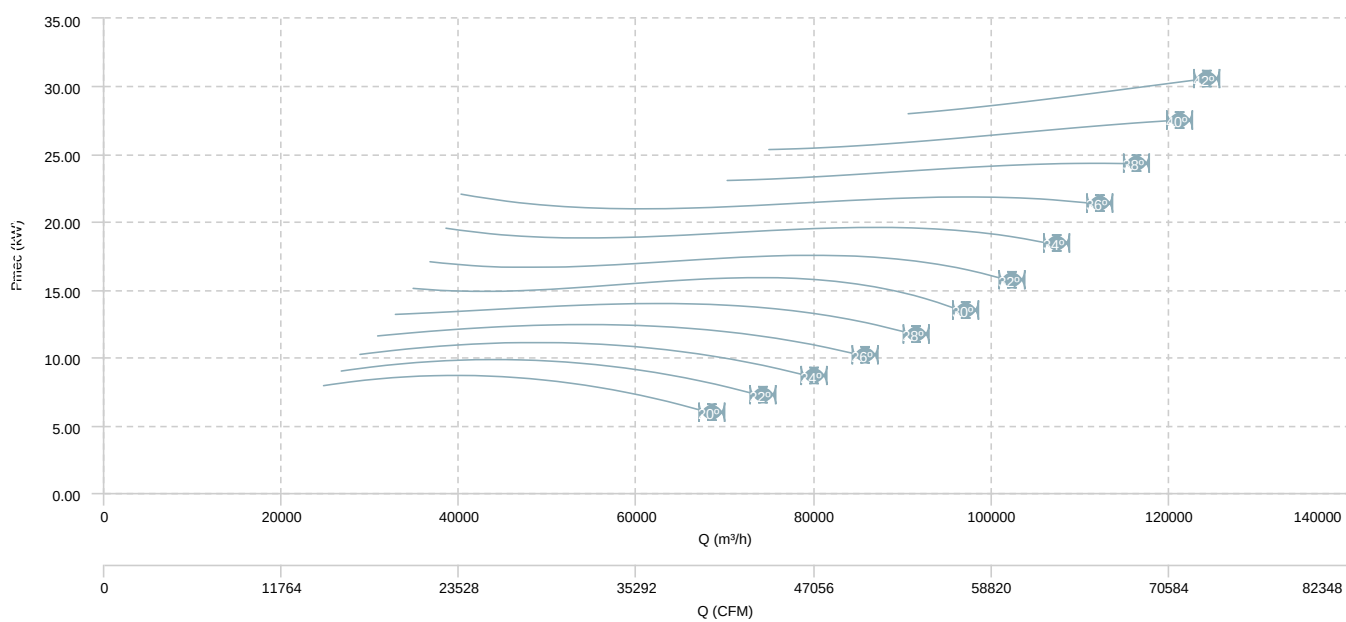


HCF 125 T4 (A3:4) F400

AIR FLOW - PRESSURE

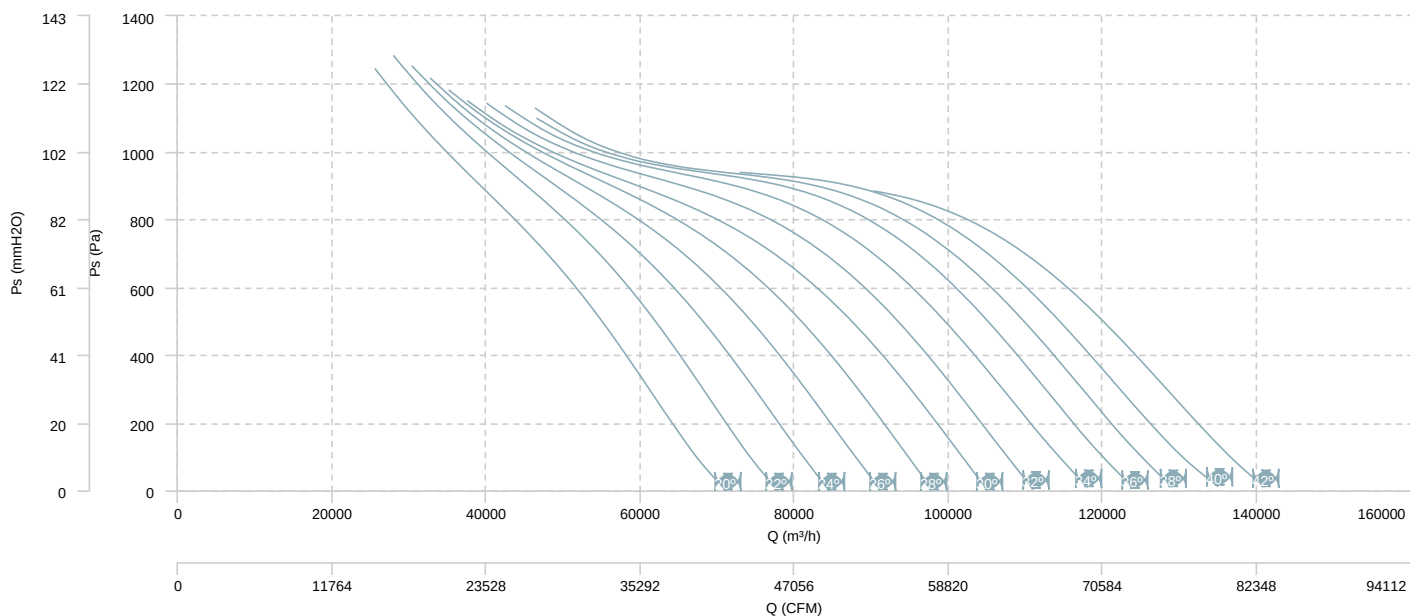


AIR FLOW - MECHANICAL POWER

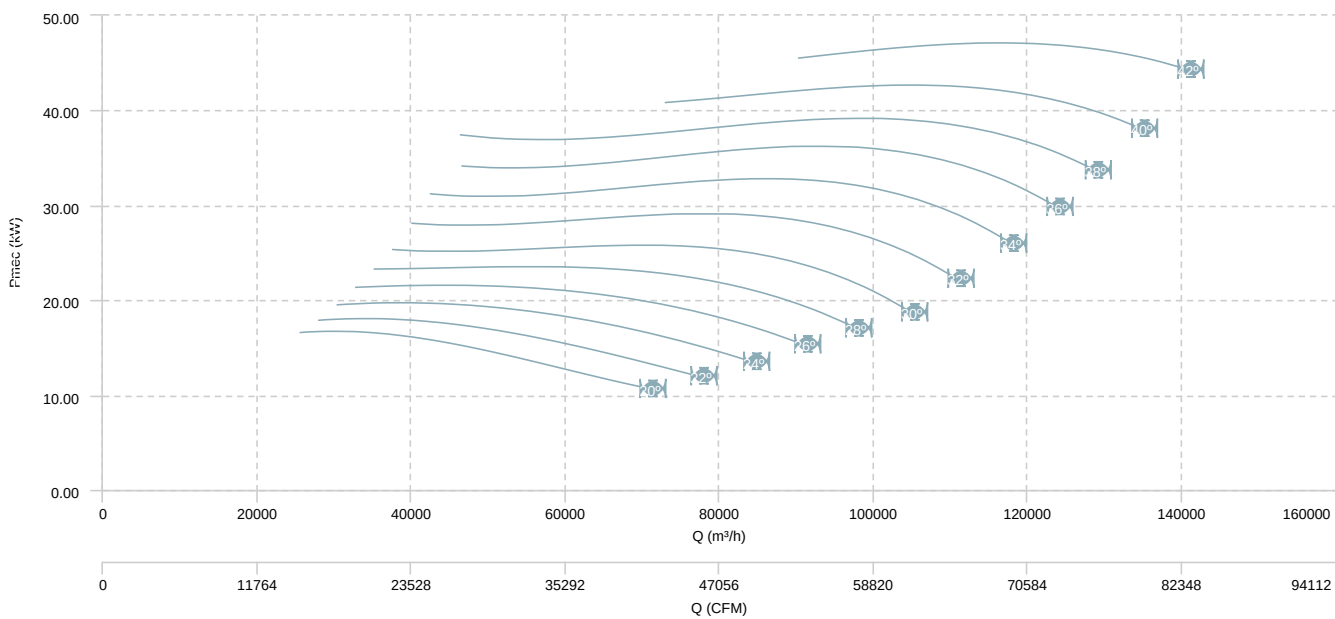


HCF 125 T4 (A3:8) F400

AIR FLOW - PRESSURE

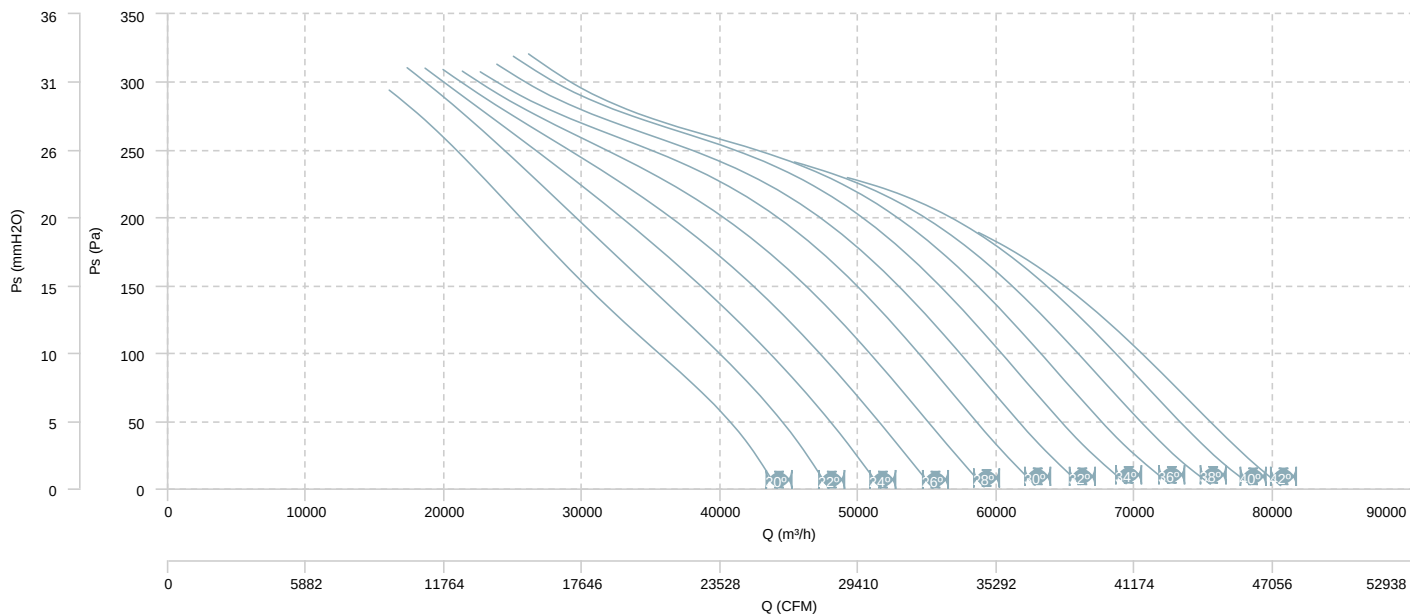


AIR FLOW - MECHANICAL POWER

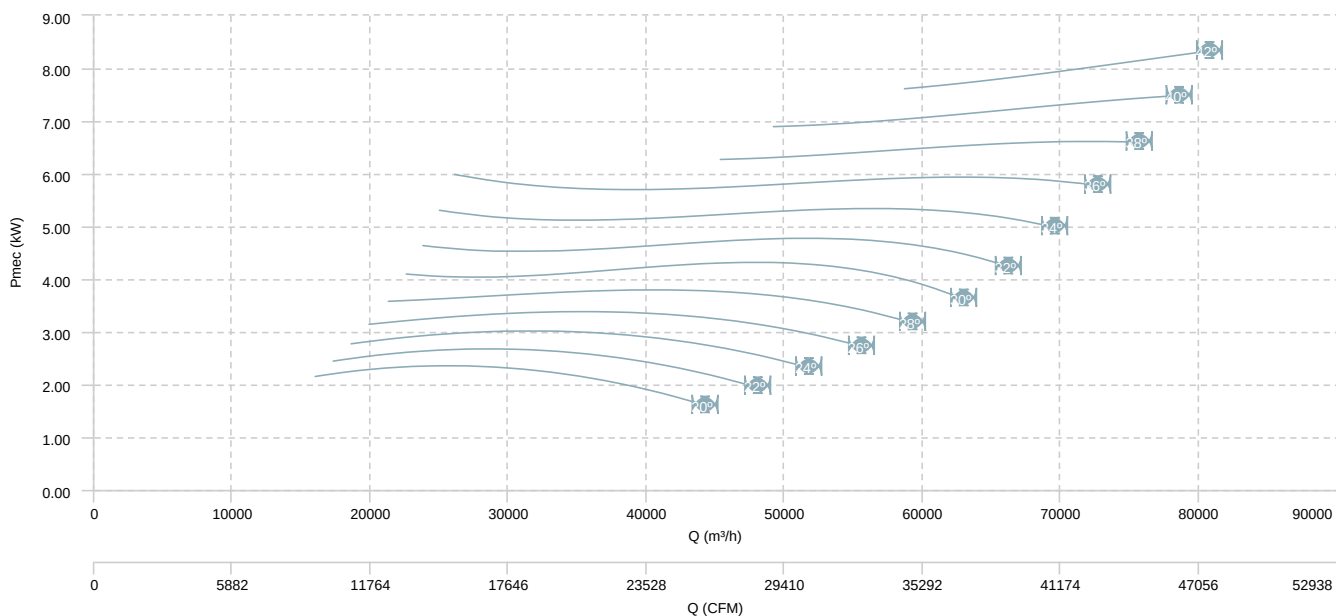


HCF 125 T6 (A3:4) F400

AIR FLOW - PRESSURE

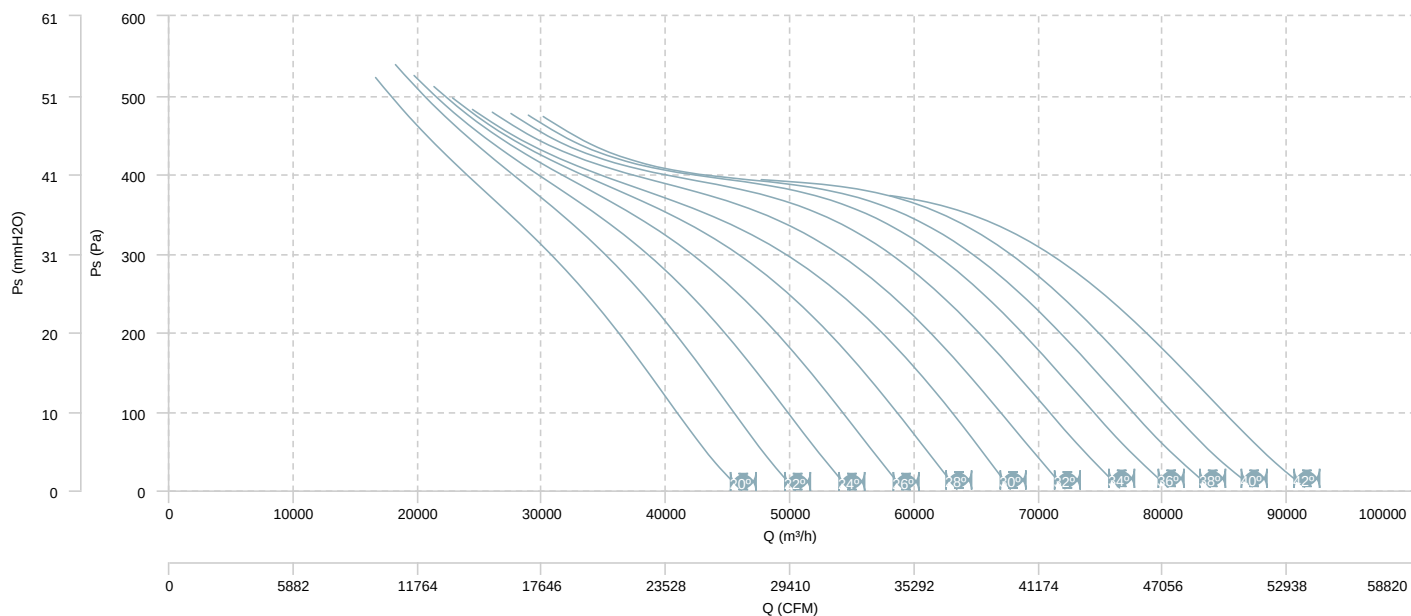


AIR FLOW - MECHANICAL POWER

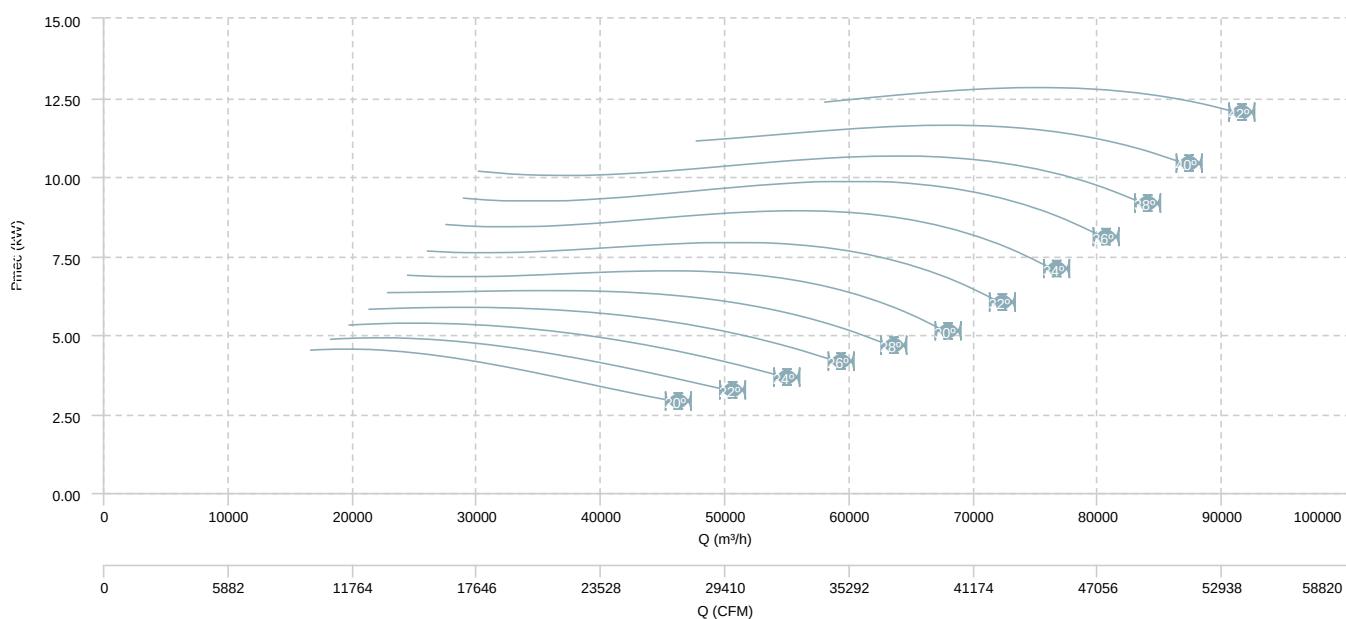


HCF 125 T6 (A3:8) F400

AIR FLOW - PRESSURE

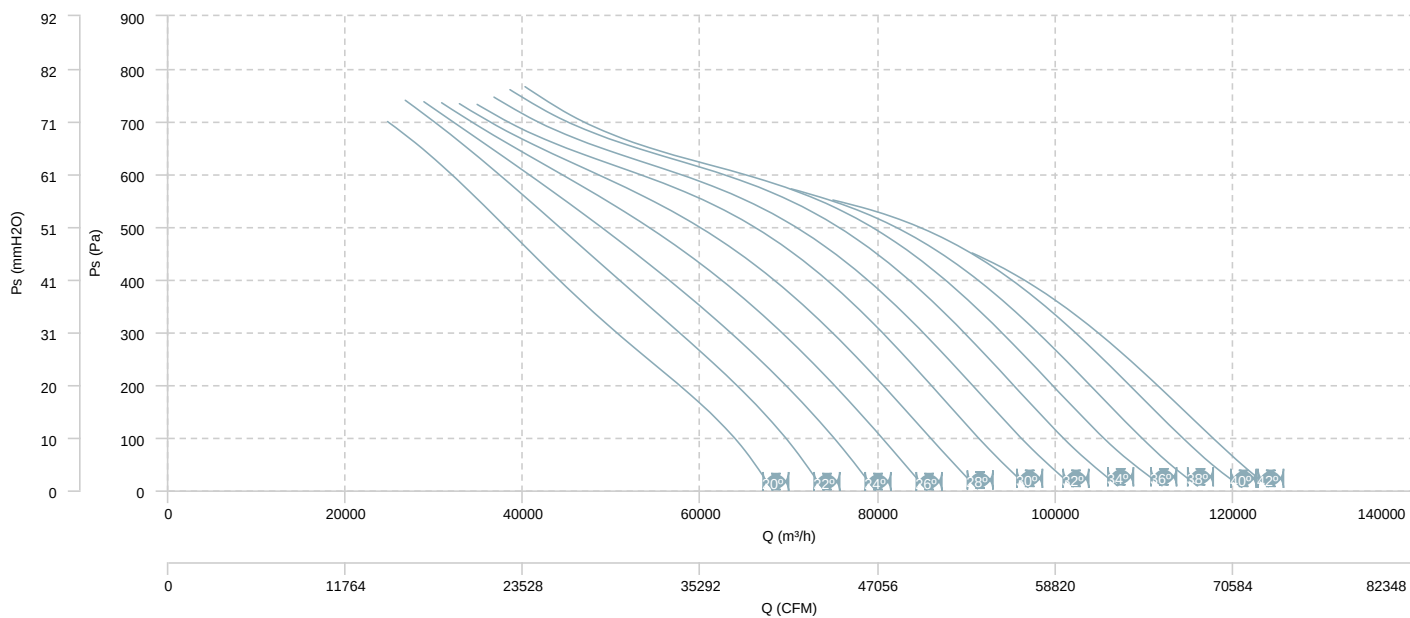


AIR FLOW - MECHANICAL POWER

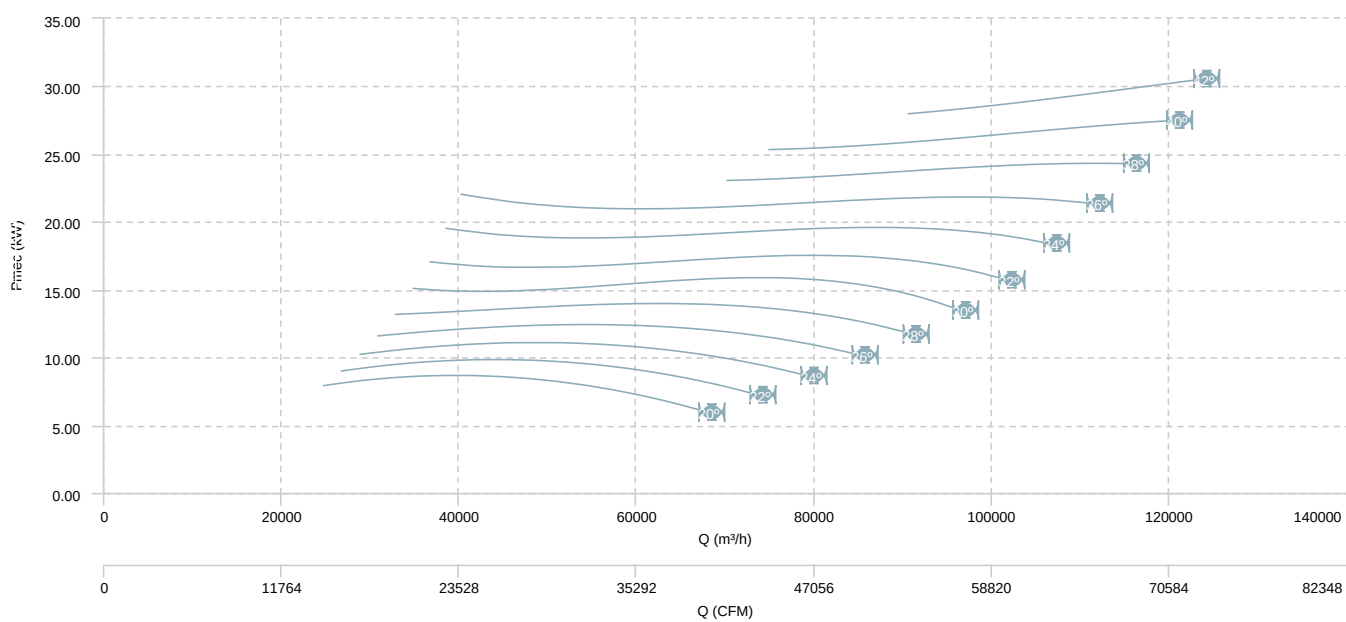


HCF 125 T4/T8 (A3:4) F400

AIR FLOW - PRESSURE (4 poles)

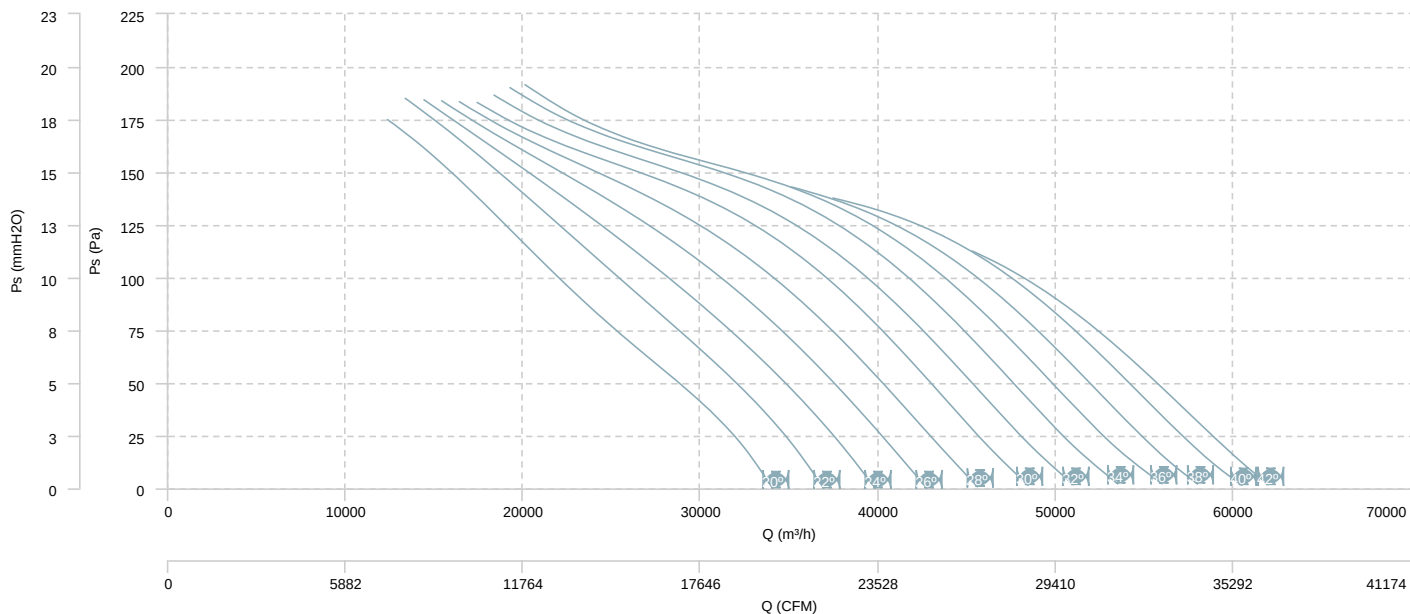


AIR FLOW - MECHANICAL POWER (4 poles)

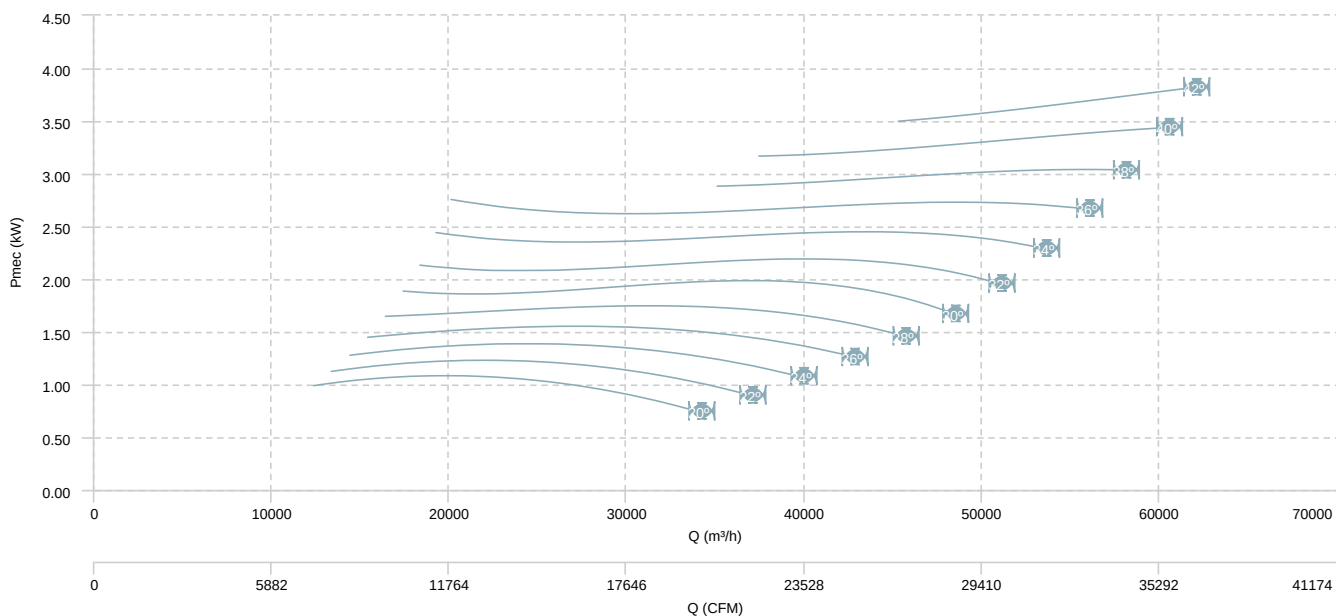


HCF 125 T4/T8 (A3:4) F400

AIR FLOW - PRESSURE (8 poles)

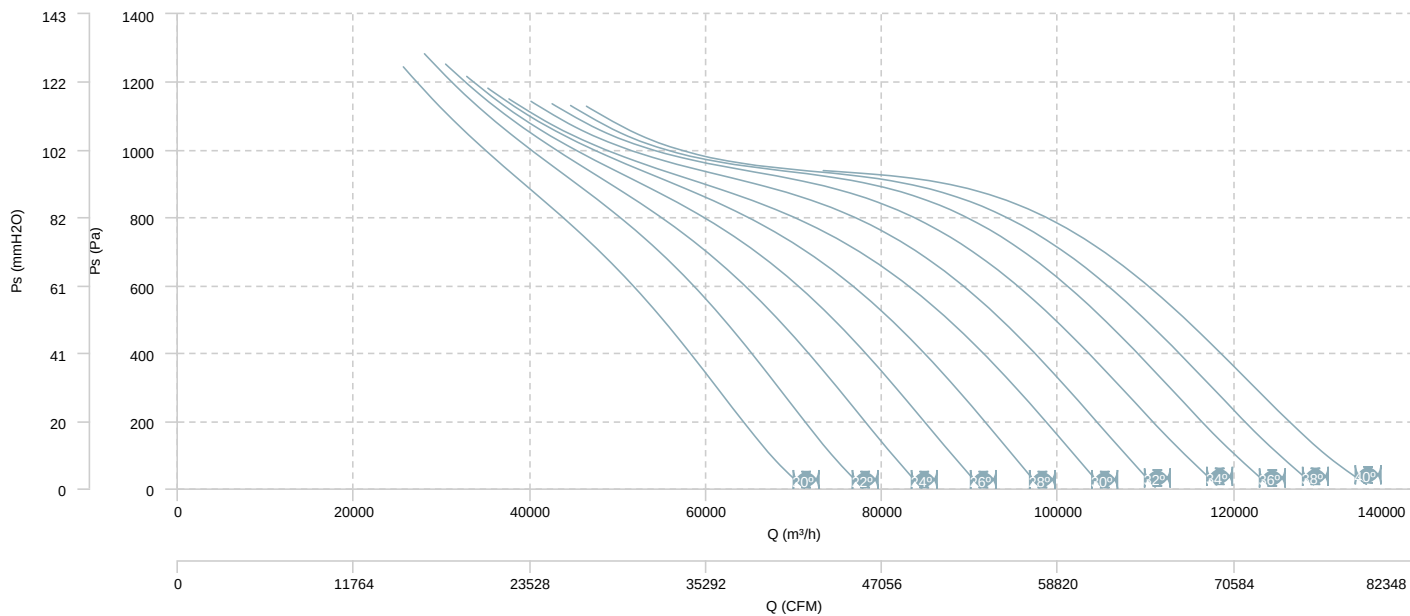


AIR FLOW - MECHANICAL POWER (8 poles)

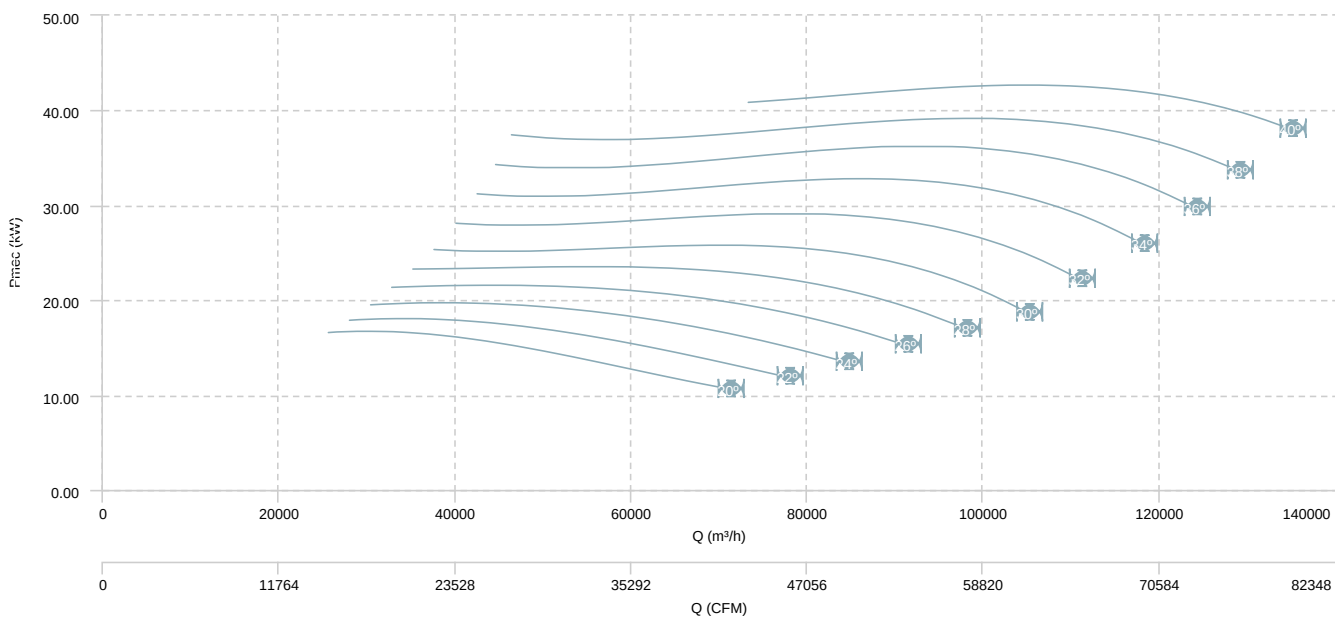


HCF 125 T4/T8 (A3:8) F400

AIR FLOW - PRESSURE (4 poles)

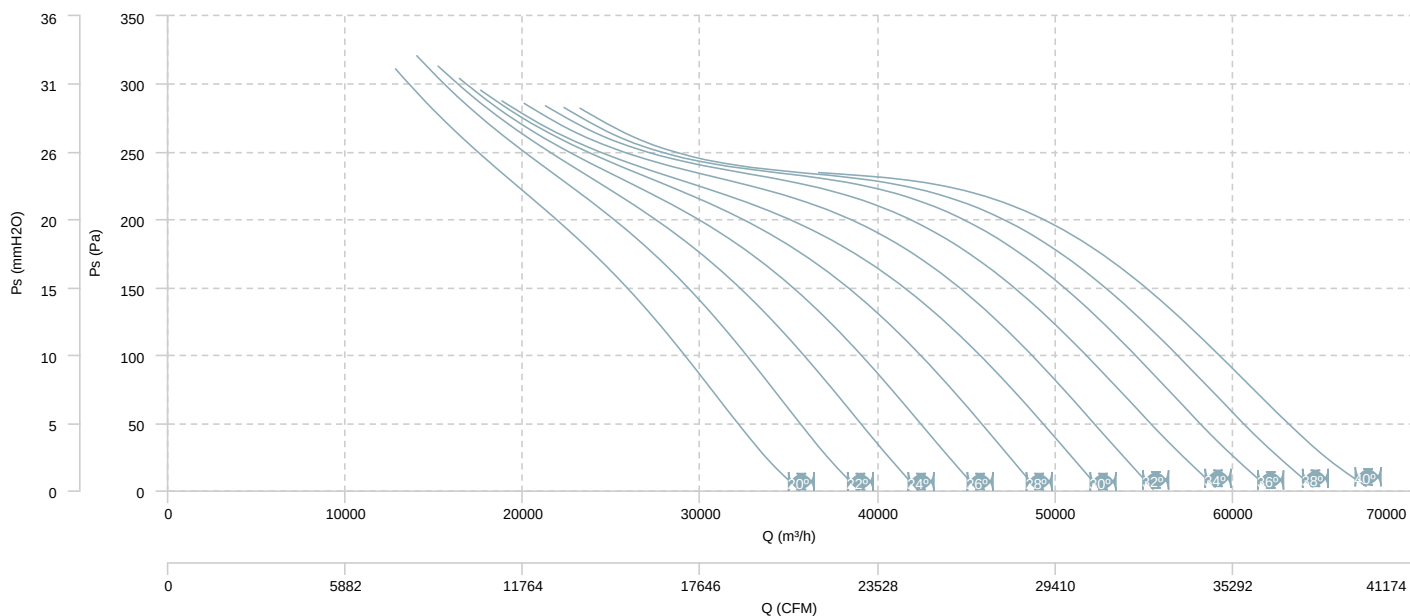


AIR FLOW - MECHANICAL POWER (4 poles)

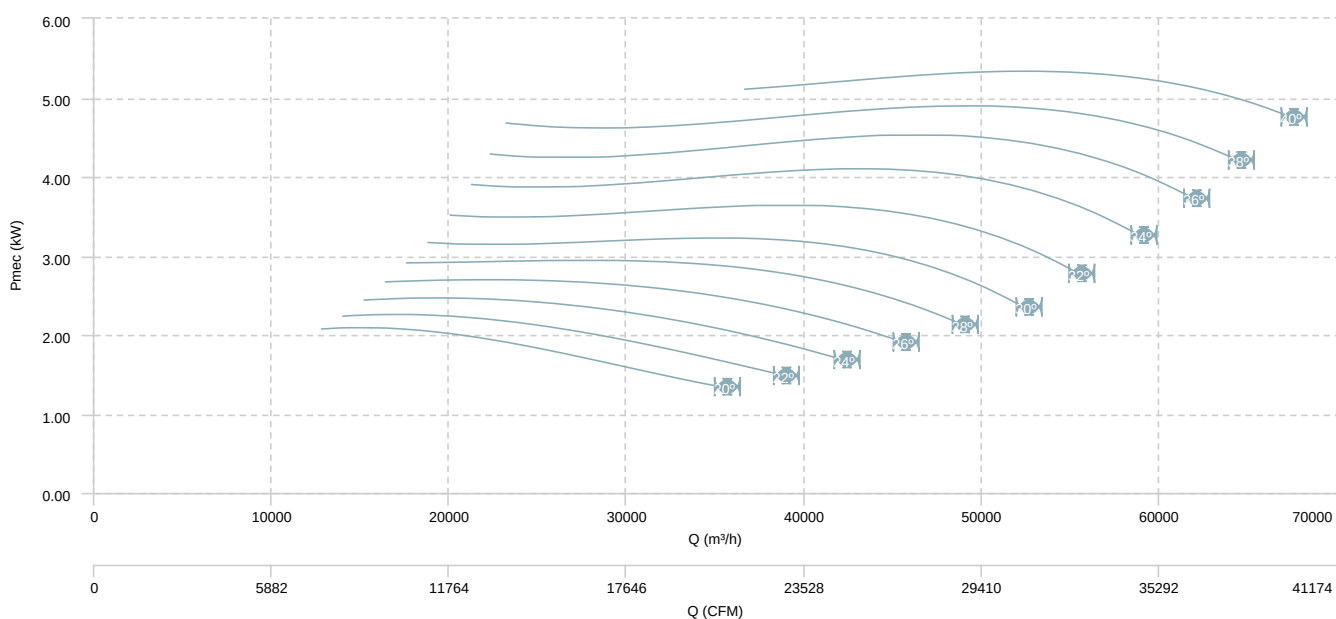


HCF 125 T4/T8 (A3:8) F400

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
HCF 45 T4 (A5:6) F400 (20º)	Inlet	48	53	60	67	69	70	69	60	75
HCF 45 T4 (A5:6) F400 (25º)	Inlet	49	55	62	67	69	70	70	61	75
HCF 45 T4 (A5:6) F400 (27,5º)	Inlet	49	57	64	67	69	69	71	61	76
HCF 45 T4 (A5:6) F400 (30º)	Inlet	49	58	65	67	70	69	71	61	76
HCF 45 T4 (A5:6) F400 (32,5º)	Inlet	48	57	65	66	68	67	70	60	75
HCF 45 T4 (A5:6) F400 (35º)	Inlet	46	57	65	65	67	66	69	60	74
HCF 45 T4 (A5:6) F400 (37,5º)	Inlet	47	57	65	66	68	67	70	60	75
HCF 45 T4 (A5:6) F400 (40º)	Inlet	48	58	65	67	70	69	71	61	76
HCF 45 T4 (A5:6) F400 (42,5º)	Inlet	48	57	64	67	70	70	71	61	76
HCF 45 T4 (A5:6) F400 (45º)	Inlet	50	57	63	67	72	72	72	61	77
HCF 50 T4 (A5:6) F400 (25º)	Inlet	45	52	57	62	65	67	69	61	73
HCF 50 T4 (A5:6) F400 (27,5º)	Inlet	46	53	58	63	66	68	70	62	74
HCF 50 T4 (A5:6) F400 (30º)	Inlet	48	53	60	64	67	68	71	62	75
HCF 50 T4 (A5:6) F400 (32,5º)	Inlet	49	54	61	66	69	70	72	63	76
HCF 50 T4 (A5:6) F400 (35º)	Inlet	50	55	62	68	70	71	73	64	78
HCF 50 T4 (A5:6) F400 (37,5º)	Inlet	50	57	62	68	70	71	73	64	78
HCF 50 T4 (A5:6) F400 (40º)	Inlet	50	57	62	68	70	71	73	64	78
HCF 50 T4 (A5:6) F400 (42,5º)	Inlet	53	60	65	72	73	73	76	67	80
HCF 50 T4 (A5:6) F400 (45º)	Inlet	53	60	65	73	74	74	76	68	81
HCF 56 T4 (A5:6) F400 (20º)	Inlet	66	73	78	79	80	78	76	68	86
HCF 56 T4 (A5:6) F400 (25º)	Inlet	53	62	67	73	75	75	76	67	82
HCF 56 T4 (A5:6) F400 (30º)	Inlet	62	72	79	81	81	79	77	69	87
HCF 56 T4 (A5:6) F400 (35º)	Inlet	50	62	67	73	74	75	76	68	81
HCF 56 T4 (A5:6) F400 (40º)	Inlet	56	69	79	85	84	78	76	67	89
HCF 56 T4 (A5:6) F400 (45º)	Inlet	60	73	88	94	91	80	76	67	96
HCF 63 T4 (A5:6) F400 (20º)	Inlet	69	76	81	82	83	80	79	72	89
HCF 63 T4 (A5:6) F400 (25º)	Inlet	54	63	68	73	77	76	76	70	83
HCF 63 T4 (A5:6) F400 (30º)	Inlet	57	65	75	82	80	79	79	72	87
HCF 63 T4 (A5:6) F400 (35º)	Inlet	53	65	70	74	78	77	79	72	84
HCF 63 T4 (A5:6) F400 (40º)	Inlet	54	66	77	89	86	81	79	71	92
HCF 63 T4 (A5:6) F400 (45º)	Inlet	55	66	82	100	92	84	79	71	100
HCF 71 T4 (A5:6) F400 (20º)	Inlet	71	78	83	85	85	83	82	75	92
HCF 71 T4 (A5:6) F400 (25º)	Inlet	58	68	74	78	81	82	82	73	88
HCF 71 T4 (A5:6) F400 (30º)	Inlet	60	68	75	81	82	81	81	72	87
HCF 71 T4 (A5:6) F400 (35º)	Inlet	53	65	70	75	78	79	80	71	84

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HCF 71 T4 (A5:6) F400 (40 ^º)	Inlet	57	68	83	92	88	83	81	72	95
HCF 71 T4 (A5:6) F400 (45 ^º)	Inlet	61	70	92	105	96	87	83	72	105
HCF 80 T4 (A5:6) F400 (20 ^º)	Inlet	74	81	86	88	88	86	85	78	94
HCF 80 T4 (A5:6) F400 (25 ^º)	Inlet	61	68	74	79	81	81	82	74	88
HCF 80 T4 (A5:6) F400 (30 ^º)	Inlet	61	72	79	89	87	85	85	77	93
HCF 80 T4 (A5:6) F400 (35 ^º)	Inlet	58	70	76	84	89	87	87	78	94
HCF 80 T4 (A5:6) F400 (40 ^º)	Inlet	59	72	88	93	90	86	84	76	97
HCF 80 T4 (A5:6) F400 (45 ^º)	Inlet	60	74	97	100	91	86	82	75	102
HCF 90 T4 (A3:4) F400 (20 ^º)	Inlet	56	68	73	83	88	88	86	78	93
HCF 90 T4 (A3:4) F400 (22 ^º)	Inlet	60	69	74	83	87	87	85	77	92
HCF 90 T4 (A3:4) F400 (24 ^º)	Inlet	63	70	75	83	86	86	85	77	91
HCF 90 T4 (A3:4) F400 (26 ^º)	Inlet	64	71	77	83	85	85	84	76	91
HCF 90 T4 (A3:4) F400 (28 ^º)	Inlet	65	72	78	82	83	84	84	76	90
HCF 90 T4 (A3:4) F400 (30 ^º)	Inlet	66	73	79	82	82	83	83	75	89
HCF 90 T4 (A3:4) F400 (32 ^º)	Inlet	66	73	78	82	83	83	83	74	89
HCF 90 T4 (A3:4) F400 (34 ^º)	Inlet	65	72	78	81	83	84	82	74	89
HCF 90 T4 (A3:4) F400 (36 ^º)	Inlet	66	73	78	81	84	84	82	74	90
HCF 90 T4 (A3:4) F400 (38 ^º)	Inlet	67	74	79	82	85	85	83	75	91
HCF 90 T4 (A3:4) F400 (40 ^º)	Inlet	68	75	80	82	87	85	84	77	91
HCF 90 T4 (A3:4) F400 (42 ^º)	Inlet	69	76	82	84	88	86	84	78	93
HCF 90 T4 (A3:8) F400 (20 ^º)	Inlet	69	81	90	91	93	88	88	78	98
HCF 90 T4 (A3:8) F400 (22 ^º)	Inlet	69	80	88	90	92	88	88	78	97
HCF 90 T4 (A3:8) F400 (24 ^º)	Inlet	69	79	86	89	91	88	88	78	96
HCF 90 T4 (A3:8) F400 (26 ^º)	Inlet	69	77	84	88	90	88	87	79	95
HCF 90 T4 (A3:8) F400 (28 ^º)	Inlet	69	76	82	87	89	88	87	79	94
HCF 90 T4 (A3:8) F400 (30 ^º)	Inlet	68	75	80	86	88	88	87	79	94
HCF 90 T4 (A3:8) F400 (32 ^º)	Inlet	67	74	80	85	87	88	86	78	93
HCF 90 T4 (A3:8) F400 (34 ^º)	Inlet	66	74	79	84	86	87	85	77	92
HCF 90 T4 (A3:8) F400 (36 ^º)	Inlet	67	74	80	83	86	87	85	77	92
HCF 90 T4 (A3:8) F400 (38 ^º)	Inlet	69	76	81	83	87	87	84	77	92
HCF 90 T4 (A3:8) F400 (40 ^º)	Inlet	70	77	83	84	88	87	84	77	93
HCF 90 T4 (A3:8) F400 (42 ^º)	Inlet	70	78	83	84	88	88	85	78	93
HCF 100 T4 (A3:4) F400 (20 ^º)	Inlet	66	76	81	88	91	92	93	90	98
HCF 100 T4 (A3:4) F400 (22 ^º)	Inlet	66	76	82	88	91	92	93	90	98
HCF 100 T4 (A3:4) F400 (24 ^º)	Inlet	67	76	81	87	91	92	93	89	98
HCF 100 T4 (A3:4) F400 (26 ^º)	Inlet	67	75	81	87	90	91	93	88	97
HCF 100 T4 (A3:4) F400 (28 ^º)	Inlet	67	75	81	86	90	91	93	87	97
HCF 100 T4 (A3:4) F400 (30 ^º)	Inlet	68	74	81	86	90	91	93	86	97
HCF 100 T4 (A3:4) F400 (32 ^º)	Inlet	68	74	81	86	89	90	92	86	96

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HCF 100 T4 (A3:4) F400 (34º)	Inlet	69	73	81	85	88	90	91	85	96
HCF 100 T4 (A3:4) F400 (36º)	Inlet	69	73	81	86	88	90	91	85	96
HCF 100 T4 (A3:4) F400 (38º)	Inlet	68	74	81	86	89	90	92	85	96
HCF 100 T4 (A3:4) F400 (40º)	Inlet	68	75	81	87	90	91	92	86	97
HCF 100 T4 (A3:4) F400 (42º)	Inlet	69	77	83	88	92	92	93	87	98
HCF 100 T4 (A3:8) F400 (20º)	Inlet	72	81	92	102	100	99	100	95	107
HCF 100 T4 (A3:8) F400 (22º)	Inlet	72	80	91	100	99	98	99	94	106
HCF 100 T4 (A3:8) F400 (24º)	Inlet	72	79	89	97	97	97	98	93	104
HCF 100 T4 (A3:8) F400 (26º)	Inlet	72	79	88	95	96	96	97	92	103
HCF 100 T4 (A3:8) F400 (28º)	Inlet	72	79	87	93	96	95	96	91	102
HCF 100 T4 (A3:8) F400 (30º)	Inlet	72	79	86	91	95	95	96	90	101
HCF 100 T4 (A3:8) F400 (32º)	Inlet	71	79	84	90	93	94	95	89	100
HCF 100 T4 (A3:8) F400 (34º)	Inlet	71	78	83	88	92	93	94	88	99
HCF 100 T4 (A3:8) F400 (36º)	Inlet	70	77	82	87	91	93	94	87	99
HCF 100 T4 (A3:8) F400 (38º)	Inlet	71	78	83	88	92	94	94	88	99
HCF 100 T4 (A3:8) F400 (40º)	Inlet	71	79	84	89	92	94	95	89	100
HCF 100 T4 (A3:8) F400 (42º)	Inlet	72	79	84	89	93	94	95	89	100
HCF 112 T4 (A3:4) F400 (20º)	Inlet	66	78	83	90	94	94	96	92	101
HCF 112 T4 (A3:4) F400 (22º)	Inlet	68	79	84	90	94	95	96	92	102
HCF 112 T4 (A3:4) F400 (24º)	Inlet	69	78	83	90	93	94	96	91	101
HCF 112 T4 (A3:4) F400 (26º)	Inlet	70	78	83	89	93	94	95	90	100
HCF 112 T4 (A3:4) F400 (28º)	Inlet	71	78	83	89	92	93	95	89	99
HCF 112 T4 (A3:4) F400 (30º)	Inlet	71	78	83	88	92	93	94	88	99
HCF 112 T4 (A3:4) F400 (32º)	Inlet	70	77	82	88	91	92	94	87	98
HCF 112 T4 (A3:4) F400 (34º)	Inlet	70	76	82	87	90	92	93	86	98
HCF 112 T4 (A3:4) F400 (36º)	Inlet	71	76	83	87	90	92	93	86	98
HCF 112 T4 (A3:4) F400 (38º)	Inlet	71	77	83	88	91	92	93	87	98
HCF 112 T4 (A3:4) F400 (40º)	Inlet	72	79	84	89	91	93	94	87	99
HCF 112 T4 (A3:4) F400 (42º)	Inlet	72	79	84	89	92	94	94	88	99
HCF 112 T4 (A3:8) F400 (20º)	Inlet	73	82	92	101	101	103	103	97	109
HCF 112 T4 (A3:8) F400 (22º)	Inlet	73	81	91	99	100	102	102	96	107
HCF 112 T4 (A3:8) F400 (24º)	Inlet	73	81	90	97	99	101	101	95	106
HCF 112 T4 (A3:8) F400 (26º)	Inlet	74	81	89	96	98	100	100	94	106
HCF 112 T4 (A3:8) F400 (28º)	Inlet	74	81	88	94	98	99	99	94	105
HCF 112 T4 (A3:8) F400 (30º)	Inlet	74	80	87	93	97	99	99	93	104
HCF 112 T4 (A3:8) F400 (32º)	Inlet	74	81	86	91	96	97	97	91	103
HCF 112 T4 (A3:8) F400 (34º)	Inlet	73	80	85	90	94	96	96	89	101
HCF 112 T4 (A3:8) F400 (36º)	Inlet	73	80	85	90	93	95	95	89	101
HCF 112 T4 (A3:8) F400 (38º)	Inlet	73	80	85	90	94	96	95	89	101

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HCF 112 T4 (A3:8) F400 (40º)	Inlet	74	81	86	90	94	96	95	90	102
HCF 112 T4 (A3:8) F400 (42º)	Inlet	73	80	85	91	94	96	95	89	101
HCF 125 T4 (A3:4) F400 (20º)	Inlet	72	85	90	98	102	102	104	101	109
HCF 125 T4 (A3:4) F400 (22º)	Inlet	75	86	91	98	102	103	105	101	109
HCF 125 T4 (A3:4) F400 (24º)	Inlet	75	85	90	96	100	101	103	98	107
HCF 125 T4 (A3:4) F400 (26º)	Inlet	76	84	89	94	98	99	101	96	106
HCF 125 T4 (A3:4) F400 (28º)	Inlet	75	82	87	93	96	98	99	93	104
HCF 125 T4 (A3:4) F400 (30º)	Inlet	74	81	86	91	95	96	97	91	102
HCF 125 T4 (A3:4) F400 (32º)	Inlet	74	81	86	90	94	96	96	90	102
HCF 125 T4 (A3:4) F400 (34º)	Inlet	73	80	85	90	93	95	96	88	101
HCF 125 T4 (A3:4) F400 (36º)	Inlet	74	81	86	90	93	95	96	88	101
HCF 125 T4 (A3:4) F400 (38º)	Inlet	74	81	86	91	93	95	96	89	101
HCF 125 T4 (A3:4) F400 (40º)	Inlet	75	82	87	91	93	96	96	89	102
HCF 125 T4 (A3:4) F400 (42º)	Inlet	75	82	87	92	94	96	96	90	102
HCF 125 T4 (A3:8) F400 (20º)	Inlet	78	86	93	103	108	111	110	105	115
HCF 125 T4 (A3:8) F400 (22º)	Inlet	79	86	93	102	107	110	109	104	114
HCF 125 T4 (A3:8) F400 (24º)	Inlet	78	85	92	100	106	108	108	102	113
HCF 125 T4 (A3:8) F400 (26º)	Inlet	78	85	91	98	104	106	106	100	111
HCF 125 T4 (A3:8) F400 (28º)	Inlet	78	84	91	97	102	105	105	98	110
HCF 125 T4 (A3:8) F400 (30º)	Inlet	77	83	90	96	101	103	104	97	108
HCF 125 T4 (A3:8) F400 (32º)	Inlet	77	83	89	95	99	102	102	94	107
HCF 125 T4 (A3:8) F400 (34º)	Inlet	77	83	89	94	97	99	100	92	105
HCF 125 T4 (A3:8) F400 (36º)	Inlet	77	83	89	93	96	98	98	91	104
HCF 125 T4 (A3:8) F400 (38º)	Inlet	76	83	88	93	96	98	97	91	104
HCF 125 T4 (A3:8) F400 (40º)	Inlet	76	83	88	93	96	98	97	90	103
HCF 125 T4 (A3:8) F400 (42º)	Inlet	76	83	88	93	96	98	96	90	103

Sound / 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
HCF 45 T6 (A5:6) F400 (25º)	Inlet	37	42	49	55	54	55	57	50	62
HCF 45 T6 (A5:6) F400 (27,5º)	Inlet	38	43	50	55	55	56	58	50	63
HCF 45 T6 (A5:6) F400 (30º)	Inlet	40	44	52	55	57	58	59	50	64
HCF 45 T6 (A5:6) F400 (32,5º)	Inlet	40	44	52	55	58	58	60	50	65
HCF 45 T6 (A5:6) F400 (35º)	Inlet	41	45	53	54	59	59	60	50	65
HCF 45 T6 (A5:6) F400 (37,5º)	Inlet	42	46	54	56	60	60	61	52	66
HCF 45 T6 (A5:6) F400 (40º)	Inlet	44	47	56	57	61	61	63	54	67

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HCF 45 T6 (A5:6) F400 (42,5º)	Inlet	43	47	55	58	62	62	63	55	68
HCF 45 T6 (A5:6) F400 (45º)	Inlet	43	47	55	58	62	62	63	55	68
HCF 50 T6 (A5:6) F400 (25º)	Inlet	36	43	48	53	55	58	60	52	64
HCF 50 T6 (A5:6) F400 (27,5º)	Inlet	37	43	49	53	56	58	61	52	64
HCF 50 T6 (A5:6) F400 (30º)	Inlet	39	44	51	55	58	59	62	53	66
HCF 50 T6 (A5:6) F400 (32,5º)	Inlet	40	45	52	57	59	60	63	54	67
HCF 50 T6 (A5:6) F400 (35º)	Inlet	40	45	52	59	61	62	64	55	68
HCF 50 T6 (A5:6) F400 (37,5º)	Inlet	41	48	53	59	61	62	64	55	68
HCF 50 T6 (A5:6) F400 (40º)	Inlet	41	48	53	59	61	62	64	55	68
HCF 50 T6 (A5:6) F400 (42,5º)	Inlet	43	50	55	62	63	64	66	58	71
HCF 50 T6 (A5:6) F400 (45º)	Inlet	44	51	56	64	65	65	67	59	72
HCF 56 T6 (A5:6) F400 (20º)	Inlet	63	70	75	76	77	75	73	65	82
HCF 56 T6 (A5:6) F400 (25º)	Inlet	50	59	64	70	72	72	73	64	78
HCF 56 T6 (A5:6) F400 (30º)	Inlet	58	68	75	77	78	76	74	66	83
HCF 56 T6 (A5:6) F400 (35º)	Inlet	47	58	63	69	70	71	72	64	78
HCF 56 T6 (A5:6) F400 (40º)	Inlet	53	66	76	81	81	75	73	64	85
HCF 56 T6 (A5:6) F400 (45º)	Inlet	57	69	84	90	88	77	73	63	93
HCF 63 T6 (A5:6) F400 (20º)	Inlet	66	73	78	79	80	77	76	69	85
HCF 63 T6 (A5:6) F400 (25º)	Inlet	51	60	65	70	74	73	73	67	79
HCF 63 T6 (A5:6) F400 (30º)	Inlet	54	62	72	79	77	76	76	69	83
HCF 63 T6 (A5:6) F400 (35º)	Inlet	50	62	67	71	75	74	76	69	81
HCF 63 T6 (A5:6) F400 (40º)	Inlet	51	63	74	86	83	78	76	68	88
HCF 63 T6 (A5:6) F400 (45º)	Inlet	52	63	79	96	88	81	76	67	97
HCF 71 T6 (A5:6) F400 (20º)	Inlet	68	75	80	82	82	80	79	72	88
HCF 71 T6 (A5:6) F400 (25º)	Inlet	55	65	71	75	78	79	79	70	84
HCF 71 T6 (A5:6) F400 (30º)	Inlet	57	65	71	77	78	78	77	68	84
HCF 71 T6 (A5:6) F400 (35º)	Inlet	49	61	66	71	74	75	76	67	81
HCF 71 T6 (A5:6) F400 (40º)	Inlet	54	64	79	89	85	80	78	68	91
HCF 71 T6 (A5:6) F400 (45º)	Inlet	57	66	88	101	92	83	79	69	102
HCF 80 T6 (A5:6) F400 (20º)	Inlet	71	78	83	85	85	83	82	75	91
HCF 80 T6 (A5:6) F400 (25º)	Inlet	58	65	71	76	78	78	79	71	84
HCF 80 T6 (A5:6) F400 (30º)	Inlet	58	69	76	86	84	82	82	74	90
HCF 80 T6 (A5:6) F400 (35º)	Inlet	55	67	73	81	86	84	84	75	90
HCF 80 T6 (A5:6) F400 (40º)	Inlet	56	69	85	90	87	83	81	73	93
HCF 80 T6 (A5:6) F400 (45º)	Inlet	56	70	93	96	87	82	79	71	98
HCF 90 T6 (A3:4) F400 (20º)	Inlet	47	58	64	74	78	78	77	68	83
HCF 90 T6 (A3:4) F400 (22º)	Inlet	51	59	65	74	77	77	76	68	83
HCF 90 T6 (A3:4) F400 (24º)	Inlet	53	60	66	73	76	76	75	67	82
HCF 90 T6 (A3:4) F400 (26º)	Inlet	55	62	67	73	75	75	75	67	81

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HCF 90 T6 (A3:4) F400 (28º)	Inlet	56	63	68	73	74	74	74	66	81
HCF 90 T6 (A3:4) F400 (30º)	Inlet	57	64	69	73	73	73	74	66	80
HCF 90 T6 (A3:4) F400 (32º)	Inlet	56	63	69	72	73	74	73	65	80
HCF 90 T6 (A3:4) F400 (34º)	Inlet	56	63	68	72	74	75	73	64	80
HCF 90 T6 (A3:4) F400 (36º)	Inlet	56	63	69	72	75	75	73	65	80
HCF 90 T6 (A3:4) F400 (38º)	Inlet	57	64	70	72	76	75	74	66	81
HCF 90 T6 (A3:4) F400 (40º)	Inlet	58	66	71	73	77	75	74	67	82
HCF 90 T6 (A3:4) F400 (42º)	Inlet	60	67	72	74	78	77	75	68	83
HCF 90 T6 (A3:8) F400 (20º)	Inlet	59	72	81	82	84	78	79	68	88
HCF 90 T6 (A3:8) F400 (22º)	Inlet	60	70	79	81	83	78	78	69	87
HCF 90 T6 (A3:8) F400 (24º)	Inlet	60	69	77	80	82	78	78	69	86
HCF 90 T6 (A3:8) F400 (26º)	Inlet	60	68	75	79	81	79	78	69	86
HCF 90 T6 (A3:8) F400 (28º)	Inlet	60	67	73	78	80	79	78	69	85
HCF 90 T6 (A3:8) F400 (30º)	Inlet	58	65	71	77	79	79	78	70	84
HCF 90 T6 (A3:8) F400 (32º)	Inlet	58	65	70	75	78	78	77	69	84
HCF 90 T6 (A3:8) F400 (34º)	Inlet	57	64	70	74	77	78	76	68	83
HCF 90 T6 (A3:8) F400 (36º)	Inlet	58	65	70	74	77	78	75	67	83
HCF 90 T6 (A3:8) F400 (38º)	Inlet	59	66	72	74	78	78	75	68	83
HCF 90 T6 (A3:8) F400 (40º)	Inlet	61	68	73	74	78	78	75	68	83
HCF 90 T6 (A3:8) F400 (42º)	Inlet	61	68	74	75	79	79	75	68	84
HCF 100 T6 (A3:4) F400 (20º)	Inlet	56	67	72	78	82	83	84	81	89
HCF 100 T6 (A3:4) F400 (22º)	Inlet	57	67	72	78	82	83	84	80	89
HCF 100 T6 (A3:4) F400 (24º)	Inlet	57	66	72	78	82	82	84	79	89
HCF 100 T6 (A3:4) F400 (26º)	Inlet	57	66	71	77	81	82	83	78	88
HCF 100 T6 (A3:4) F400 (28º)	Inlet	58	65	71	77	81	81	83	78	88
HCF 100 T6 (A3:4) F400 (30º)	Inlet	58	65	71	77	80	81	83	77	87
HCF 100 T6 (A3:4) F400 (32º)	Inlet	59	64	71	76	79	81	83	76	87
HCF 100 T6 (A3:4) F400 (34º)	Inlet	59	63	71	76	79	80	82	76	86
HCF 100 T6 (A3:4) F400 (36º)	Inlet	59	64	71	76	79	80	82	76	86
HCF 100 T6 (A3:4) F400 (38º)	Inlet	59	65	72	77	80	81	82	76	87
HCF 100 T6 (A3:4) F400 (40º)	Inlet	59	66	72	77	81	81	83	76	87
HCF 100 T6 (A3:4) F400 (42º)	Inlet	60	67	73	79	82	82	83	78	89
HCF 100 T6 (A3:8) F400 (20º)	Inlet	63	71	83	92	91	89	90	86	97
HCF 100 T6 (A3:8) F400 (22º)	Inlet	63	71	82	90	89	88	89	85	96
HCF 100 T6 (A3:8) F400 (24º)	Inlet	62	70	80	88	88	87	88	83	94
HCF 100 T6 (A3:8) F400 (26º)	Inlet	62	70	79	86	87	87	87	82	93
HCF 100 T6 (A3:8) F400 (28º)	Inlet	62	70	78	84	86	86	87	81	92
HCF 100 T6 (A3:8) F400 (30º)	Inlet	62	69	77	82	85	86	86	80	92
HCF 100 T6 (A3:8) F400 (32º)	Inlet	62	69	75	80	84	85	85	79	90

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HCF 100 T6 (A3:8) F400 (34º)	Inlet	61	68	73	78	82	84	85	78	89
HCF 100 T6 (A3:8) F400 (36º)	Inlet	61	68	73	78	82	84	84	78	89
HCF 100 T6 (A3:8) F400 (38º)	Inlet	61	68	73	79	82	84	85	79	90
HCF 100 T6 (A3:8) F400 (40º)	Inlet	62	69	74	79	83	85	85	79	90
HCF 100 T6 (A3:8) F400 (42º)	Inlet	62	69	74	80	83	85	85	79	90
HCF 112 T6 (A3:4) F400 (20º)	Inlet	56	68	73	80	84	85	87	82	91
HCF 112 T6 (A3:4) F400 (22º)	Inlet	58	69	74	81	85	85	87	82	92
HCF 112 T6 (A3:4) F400 (24º)	Inlet	59	69	74	80	84	85	86	81	91
HCF 112 T6 (A3:4) F400 (26º)	Inlet	60	69	74	80	83	84	86	80	90
HCF 112 T6 (A3:4) F400 (28º)	Inlet	61	69	74	79	83	84	85	79	90
HCF 112 T6 (A3:4) F400 (30º)	Inlet	61	68	73	79	82	83	85	78	89
HCF 112 T6 (A3:4) F400 (32º)	Inlet	61	67	73	78	81	83	84	78	89
HCF 112 T6 (A3:4) F400 (34º)	Inlet	61	66	73	78	81	82	84	77	88
HCF 112 T6 (A3:4) F400 (36º)	Inlet	61	67	73	78	81	82	84	77	88
HCF 112 T6 (A3:4) F400 (38º)	Inlet	62	68	74	78	81	83	84	77	89
HCF 112 T6 (A3:4) F400 (40º)	Inlet	63	69	75	79	82	84	84	78	89
HCF 112 T6 (A3:4) F400 (42º)	Inlet	63	70	75	80	83	84	85	78	90
HCF 112 T6 (A3:8) F400 (20º)	Inlet	64	72	82	91	91	93	93	88	99
HCF 112 T6 (A3:8) F400 (22º)	Inlet	64	72	81	89	90	92	92	87	98
HCF 112 T6 (A3:8) F400 (24º)	Inlet	64	71	80	88	90	91	91	86	96
HCF 112 T6 (A3:8) F400 (26º)	Inlet	64	71	79	86	89	90	90	85	96
HCF 112 T6 (A3:8) F400 (28º)	Inlet	64	71	79	85	89	90	90	84	95
HCF 112 T6 (A3:8) F400 (30º)	Inlet	65	71	78	83	88	89	89	84	94
HCF 112 T6 (A3:8) F400 (32º)	Inlet	64	71	77	82	86	88	88	82	93
HCF 112 T6 (A3:8) F400 (34º)	Inlet	64	71	76	81	84	86	87	80	92
HCF 112 T6 (A3:8) F400 (36º)	Inlet	63	70	75	80	84	86	86	79	91
HCF 112 T6 (A3:8) F400 (38º)	Inlet	64	71	76	81	84	86	86	80	91
HCF 112 T6 (A3:8) F400 (40º)	Inlet	64	71	76	81	85	87	86	80	92
HCF 112 T6 (A3:8) F400 (42º)	Inlet	64	71	76	81	85	86	86	79	91
HCF 125 T6 (A3:4) F400 (20º)	Inlet	63	76	81	89	92	92	94	91	99
HCF 125 T6 (A3:4) F400 (22º)	Inlet	65	77	82	89	92	93	95	91	99
HCF 125 T6 (A3:4) F400 (24º)	Inlet	66	75	80	87	90	91	93	88	98
HCF 125 T6 (A3:4) F400 (26º)	Inlet	66	74	79	85	89	90	91	86	96
HCF 125 T6 (A3:4) F400 (28º)	Inlet	66	73	78	83	87	88	89	84	94
HCF 125 T6 (A3:4) F400 (30º)	Inlet	65	72	77	81	85	87	88	81	92
HCF 125 T6 (A3:4) F400 (32º)	Inlet	64	71	76	81	84	86	87	80	92
HCF 125 T6 (A3:4) F400 (34º)	Inlet	64	71	76	81	84	85	86	79	91
HCF 125 T6 (A3:4) F400 (36º)	Inlet	64	71	76	81	83	85	86	79	91
HCF 125 T6 (A3:4) F400 (38º)	Inlet	65	72	77	81	84	86	86	79	91

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HCF 125 T6 (A3:4) F400 (40°)	Inlet	65	72	77	82	84	86	87	80	92
HCF 125 T6 (A3:4) F400 (42°)	Inlet	66	73	78	82	85	87	87	81	92
HCF 125 T6 (A3:8) F400 (20°)	Inlet	69	77	84	93	98	101	101	95	106
HCF 125 T6 (A3:8) F400 (22°)	Inlet	69	77	84	92	97	100	99	94	105
HCF 125 T6 (A3:8) F400 (24°)	Inlet	69	76	83	90	96	98	98	92	103
HCF 125 T6 (A3:8) F400 (26°)	Inlet	69	75	82	89	94	97	96	90	102
HCF 125 T6 (A3:8) F400 (28°)	Inlet	68	74	81	87	93	95	95	89	100
HCF 125 T6 (A3:8) F400 (30°)	Inlet	68	74	80	86	91	93	94	87	98
HCF 125 T6 (A3:8) F400 (32°)	Inlet	68	74	80	85	90	92	92	85	97
HCF 125 T6 (A3:8) F400 (34°)	Inlet	68	74	80	84	88	90	90	83	95
HCF 125 T6 (A3:8) F400 (36°)	Inlet	67	74	79	84	87	89	89	82	94
HCF 125 T6 (A3:8) F400 (38°)	Inlet	67	74	79	84	87	89	88	81	94
HCF 125 T6 (A3:8) F400 (40°)	Inlet	67	74	79	83	87	89	87	81	93
HCF 125 T6 (A3:8) F400 (42°)	Inlet	67	74	79	84	87	88	87	81	93

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
HCF 45 T4/T8 (A5:6) F400 (±720 - 20°)	Inlet	31	36	43	50	52	54	52	44	59
HCF 45 T4/T8 (A5:6) F400 (±720 - 25°)	Inlet	32	38	45	50	53	53	53	44	59
HCF 45 T4/T8 (A5:6) F400 (±720 - 27,5°)	Inlet	33	40	47	50	53	52	54	44	59
HCF 45 T4/T8 (A5:6) F400 (±720 - 30°)	Inlet	33	41	48	50	53	52	54	44	59
HCF 45 T4/T8 (A5:6) F400 (±720 - 32,5°)	Inlet	31	41	48	49	52	51	53	44	58
HCF 45 T4/T8 (A5:6) F400 (±720 - 35°)	Inlet	29	40	49	49	50	49	52	43	57
HCF 45 T4/T8 (A5:6) F400 (±720 - 37,5°)	Inlet	30	41	49	49	52	51	53	44	58
HCF 45 T4/T8 (A5:6) F400 (±720 - 40°)	Inlet	31	41	48	50	53	52	54	44	59
HCF 45 T4/T8 (A5:6) F400 (±720 - 42,5°)	Inlet	32	41	48	50	54	53	54	44	60
HCF 45 T4/T8 (A5:6) F400 (±720 - 45°)	Inlet	33	40	46	50	55	55	55	44	61
HCF 45 T4/T8 (A5:6) F400 (1420 - 20°)	Inlet	48	53	60	67	69	70	69	60	75

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HCF 45 T4/T8 (A5:6) F400 (1420 - 25º)	Inlet	49	55	62	67	69	70	70	61	75
HCF 45 T4/T8 (A5:6) F400 (1420 - 27,5º)	Inlet	49	57	64	67	69	69	71	61	76
HCF 45 T4/T8 (A5:6) F400 (1420 - 30º)	Inlet	49	58	65	67	70	69	71	61	76
HCF 45 T4/T8 (A5:6) F400 (1420 - 32,5º)	Inlet	48	57	65	66	68	67	70	60	75
HCF 45 T4/T8 (A5:6) F400 (1420 - 35º)	Inlet	46	57	65	65	67	66	69	60	74
HCF 45 T4/T8 (A5:6) F400 (1420 - 37,5º)	Inlet	47	57	65	66	68	67	70	60	75
HCF 45 T4/T8 (A5:6) F400 (1420 - 40º)	Inlet	48	58	65	67	70	69	71	61	76
HCF 45 T4/T8 (A5:6) F400 (1420 - 42,5º)	Inlet	48	57	64	67	70	70	71	61	76
HCF 45 T4/T8 (A5:6) F400 (1420 - 45º)	Inlet	50	57	63	67	72	72	72	61	77
HCF 50 T4/T8 (A5:6) F400 (±720 - 20º)	Inlet	34	40	49	55	61	59	58	49	65
HCF 50 T4/T8 (A5:6) F400 (±720 - 25º)	Inlet	31	39	47	53	57	56	56	47	62
HCF 50 T4/T8 (A5:6) F400 (±720 - 27,5º)	Inlet	29	37	44	50	53	52	54	45	59
HCF 50 T4/T8 (A5:6) F400 (±720 - 30º)	Inlet	28	36	43	49	51	51	53	44	58
HCF 50 T4/T8 (A5:6) F400 (±720 - 32,5º)	Inlet	29	38	45	50	51	51	54	46	59
HCF 50 T4/T8 (A5:6) F400 (±720 - 35º)	Inlet	31	40	46	51	51	52	55	47	59
HCF 50 T4/T8 (A5:6) F400 (±720 - 37,5º)	Inlet	32	41	48	53	53	54	57	50	61
HCF 50 T4/T8 (A5:6) F400 (±720 - 40º)	Inlet	34	42	51	54	55	56	59	52	63
HCF 50 T4/T8 (A5:6) F400 (±720 - 42,5º)	Inlet	34	42	51	54	55	56	59	52	63
HCF 50 T4/T8 (A5:6) F400 (±720 - 45º)	Inlet	33	42	51	53	56	57	59	51	64
HCF 50 T4/T8 (A5:6) F400 (1420 - 20º)	Inlet	50	57	65	71	77	75	75	66	81
HCF 50 T4/T8 (A5:6) F400 (1420 - 25º)	Inlet	48	55	63	69	73	72	73	64	79
HCF 50 T4/T8 (A5:6) F400 (1420 - 27,5º)	Inlet	45	54	61	67	70	69	71	61	76

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HCF 50 T4/T8 (A5:6) F400 (1420 - 30º)	Inlet	44	53	60	66	68	68	70	60	75
HCF 50 T4/T8 (A5:6) F400 (1420 - 32,5º)	Inlet	46	55	61	67	68	68	71	62	75
HCF 50 T4/T8 (A5:6) F400 (1420 - 35º)	Inlet	48	57	63	68	68	69	72	64	76
HCF 50 T4/T8 (A5:6) F400 (1420 - 37,5º)	Inlet	49	58	65	69	70	70	74	66	78
HCF 50 T4/T8 (A5:6) F400 (1420 - 40º)	Inlet	51	59	67	71	72	72	76	69	80
HCF 50 T4/T8 (A5:6) F400 (1420 - 42,5º)	Inlet	50	59	67	71	72	73	76	68	80
HCF 50 T4/T8 (A5:6) F400 (1420 - 45º)	Inlet	50	58	67	70	73	74	76	68	80
HCF 56 T4/T8 (A5:6) F400 (710 - 20º)	Inlet	50	57	62	63	64	62	60	52	70
HCF 56 T4/T8 (A5:6) F400 (710 - 25º)	Inlet	37	46	51	57	59	59	60	51	66
HCF 56 T4/T8 (A5:6) F400 (710 - 30º)	Inlet	46	56	63	65	65	63	61	53	71
HCF 56 T4/T8 (A5:6) F400 (710 - 35º)	Inlet	34	46	51	57	58	59	60	52	65
HCF 56 T4/T8 (A5:6) F400 (710 - 40º)	Inlet	40	53	63	69	68	62	60	51	73
HCF 56 T4/T8 (A5:6) F400 (710 - 45º)	Inlet	45	57	72	78	75	64	60	51	81
HCF 56 T4/T8 (A5:6) F400 (4p - 20º)	Inlet	66	73	78	79	80	78	76	68	86
HCF 56 T4/T8 (A5:6) F400 (4p - 25º)	Inlet	53	62	67	73	75	75	76	67	82
HCF 56 T4/T8 (A5:6) F400 (4p - 30º)	Inlet	62	72	79	81	81	79	77	69	87
HCF 56 T4/T8 (A5:6) F400 (4p - 35º)	Inlet	50	62	67	73	74	75	76	68	81
HCF 56 T4/T8 (A5:6) F400 (4p - 40º)	Inlet	56	69	79	85	84	78	76	67	89
HCF 56 T4/T8 (A5:6) F400 (4p - 45º)	Inlet	60	73	88	94	91	80	76	67	96
HCF 63 T4/T8 (A5:6) F400 (710 - 20º)	Inlet	53	60	65	66	67	64	63	56	73
HCF 63 T4/T8 (A5:6) F400 (710 - 25º)	Inlet	39	48	53	58	62	61	61	54	67
HCF 63 T4/T8 (A5:6) F400 (710 - 30º)	Inlet	41	49	59	66	64	63	63	56	71

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HCF 63 T4/T8 (A5:6) F400 (710 - 35°)	Inlet	37	49	54	58	62	61	63	56	68
HCF 63 T4/T8 (A5:6) F400 (710 - 40°)	Inlet	38	50	62	73	70	65	63	55	76
HCF 63 T4/T8 (A5:6) F400 (710 - 45°)	Inlet	39	50	67	84	76	68	63	55	85
HCF 63 T4/T8 (A5:6) F400 (4p - 20°)	Inlet	69	76	81	82	83	80	79	72	89
HCF 63 T4/T8 (A5:6) F400 (4p - 25°)	Inlet	54	63	68	73	77	76	76	70	83
HCF 63 T4/T8 (A5:6) F400 (4p - 30°)	Inlet	57	65	75	82	80	79	79	72	87
HCF 63 T4/T8 (A5:6) F400 (4p - 35°)	Inlet	53	65	70	74	78	77	79	72	84
HCF 63 T4/T8 (A5:6) F400 (4p - 40°)	Inlet	54	66	77	89	86	81	79	71	92
HCF 63 T4/T8 (A5:6) F400 (4p - 45°)	Inlet	55	66	82	100	92	84	79	71	100
HCF 71 T4/T8 (A5:6) F400 (8p - 20°)	Inlet	56	63	68	70	70	68	67	60	76
HCF 71 T4/T8 (A5:6) F400 (8p - 25°)	Inlet	43	52	58	62	65	66	66	57	72
HCF 71 T4/T8 (A5:6) F400 (8p - 30°)	Inlet	44	53	59	65	66	66	65	56	72
HCF 71 T4/T8 (A5:6) F400 (8p - 35°)	Inlet	37	49	54	59	62	63	64	55	69
HCF 71 T4/T8 (A5:6) F400 (8p - 40°)	Inlet	41	52	67	76	72	68	66	56	79
HCF 71 T4/T8 (A5:6) F400 (8p - 45°)	Inlet	45	54	76	89	80	71	67	56	90
HCF 71 T4/T8 (A5:6) F400 (4p - 20°)	Inlet	71	78	83	85	85	83	82	75	92
HCF 71 T4/T8 (A5:6) F400 (4p - 25°)	Inlet	58	68	74	78	81	82	82	73	88
HCF 71 T4/T8 (A5:6) F400 (4p - 30°)	Inlet	60	68	75	81	82	81	81	72	87
HCF 71 T4/T8 (A5:6) F400 (4p - 35°)	Inlet	53	65	70	75	78	79	80	71	84
HCF 71 T4/T8 (A5:6) F400 (4p - 40°)	Inlet	57	68	83	92	88	83	81	72	95
HCF 71 T4/T8 (A5:6) F400 (4p - 45°)	Inlet	61	70	92	105	96	87	83	72	105
HCF 80 T4/T8 (A5:6) F400 (710 - 20°)	Inlet	58	65	70	72	72	70	69	62	79

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HCF 80 T4/T8 (A5:6) F400 (710 - 25°)	Inlet	45	52	58	63	65	65	66	58	72
HCF 80 T4/T8 (A5:6) F400 (710 - 30°)	Inlet	45	57	64	73	71	69	69	61	78
HCF 80 T4/T8 (A5:6) F400 (710 - 35°)	Inlet	42	54	60	68	73	71	71	62	78
HCF 80 T4/T8 (A5:6) F400 (710 - 40°)	Inlet	43	56	72	77	74	70	68	60	81
HCF 80 T4/T8 (A5:6) F400 (710 - 45°)	Inlet	44	58	81	84	75	70	66	59	86
HCF 80 T4/T8 (A5:6) F400 (4p - 20°)	Inlet	74	81	86	88	88	86	85	78	94
HCF 80 T4/T8 (A5:6) F400 (4p - 25°)	Inlet	61	68	74	79	81	81	82	74	88
HCF 80 T4/T8 (A5:6) F400 (4p - 30°)	Inlet	61	72	79	89	87	85	85	77	93
HCF 80 T4/T8 (A5:6) F400 (4p - 35°)	Inlet	58	70	76	84	89	87	87	78	94
HCF 80 T4/T8 (A5:6) F400 (4p - 40°)	Inlet	59	72	88	93	90	86	84	76	97
HCF 80 T4/T8 (A5:6) F400 (4p - 45°)	Inlet	60	74	97	100	91	86	82	75	102
HCF 90 T4/T8 (A3:4) F400 (8p - 20°)	Inlet	41	52	57	67	72	72	70	62	77
HCF 90 T4/T8 (A3:4) F400 (8p - 22°)	Inlet	44	53	58	67	71	71	70	61	76
HCF 90 T4/T8 (A3:4) F400 (8p - 24°)	Inlet	47	54	60	67	70	70	69	61	75
HCF 90 T4/T8 (A3:4) F400 (8p - 26°)	Inlet	48	55	61	67	69	69	68	60	75
HCF 90 T4/T8 (A3:4) F400 (8p - 28°)	Inlet	49	56	62	67	68	68	68	60	74
HCF 90 T4/T8 (A3:4) F400 (8p - 30°)	Inlet	50	57	63	66	67	67	67	59	74
HCF 90 T4/T8 (A3:4) F400 (8p - 32°)	Inlet	50	57	62	66	67	67	67	59	74
HCF 90 T4/T8 (A3:4) F400 (8p - 34°)	Inlet	49	56	62	65	67	68	66	58	74
HCF 90 T4/T8 (A3:4) F400 (8p - 36°)	Inlet	50	57	62	65	68	69	67	58	74
HCF 90 T4/T8 (A3:4) F400 (8p - 38°)	Inlet	51	58	63	66	69	69	67	60	75
HCF 90 T4/T8 (A3:4) F400 (8p - 40°)	Inlet	52	59	65	67	71	69	68	61	76

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HCF 90 T4/T8 (A3:4) F400 (8p - 42º)	Inlet	53	60	66	68	72	70	69	62	77
HCF 90 T4/T8 (A3:4) F400 (4p - 20º)	Inlet	56	68	73	83	88	88	86	78	93
HCF 90 T4/T8 (A3:4) F400 (4p - 22º)	Inlet	60	69	74	83	87	87	85	77	92
HCF 90 T4/T8 (A3:4) F400 (4p - 24º)	Inlet	63	70	75	83	86	86	85	77	91
HCF 90 T4/T8 (A3:4) F400 (4p - 26º)	Inlet	64	71	77	83	85	85	84	76	91
HCF 90 T4/T8 (A3:4) F400 (4p - 28º)	Inlet	65	72	78	82	83	84	84	76	90
HCF 90 T4/T8 (A3:4) F400 (4p - 30º)	Inlet	66	73	79	82	82	83	83	75	89
HCF 90 T4/T8 (A3:4) F400 (4p - 32º)	Inlet	66	73	78	82	83	83	83	74	89
HCF 90 T4/T8 (A3:4) F400 (4p - 34º)	Inlet	65	72	78	81	83	84	82	74	89
HCF 90 T4/T8 (A3:4) F400 (4p - 36º)	Inlet	66	73	78	81	84	84	82	74	90
HCF 90 T4/T8 (A3:4) F400 (4p - 38º)	Inlet	67	74	79	82	85	85	83	75	91
HCF 90 T4/T8 (A3:4) F400 (4p - 40º)	Inlet	68	75	80	82	87	85	84	77	91
HCF 90 T4/T8 (A3:4) F400 (4p - 42º)	Inlet	69	76	82	84	88	86	84	78	93
HCF 90 T4/T8 (A3:8) F400 (8p - 20º)	Inlet	53	65	75	75	77	72	72	62	82
HCF 90 T4/T8 (A3:8) F400 (8p - 22º)	Inlet	53	64	73	74	76	72	72	62	81
HCF 90 T4/T8 (A3:8) F400 (8p - 24º)	Inlet	53	63	71	73	75	72	72	62	80
HCF 90 T4/T8 (A3:8) F400 (8p - 26º)	Inlet	53	62	69	72	74	72	72	63	79
HCF 90 T4/T8 (A3:8) F400 (8p - 28º)	Inlet	54	60	67	71	73	72	71	63	79
HCF 90 T4/T8 (A3:8) F400 (8p - 30º)	Inlet	52	59	65	70	72	72	71	63	78
HCF 90 T4/T8 (A3:8) F400 (8p - 32º)	Inlet	51	58	64	69	71	72	70	62	77
HCF 90 T4/T8 (A3:8) F400 (8p - 34º)	Inlet	51	58	63	68	71	71	69	61	76
HCF 90 T4/T8 (A3:8) F400 (8p - 36º)	Inlet	51	58	64	67	71	71	69	61	76

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HCF 90 T4/T8 (A3:8) F400 (8p - 38°)	Inlet	53	60	65	68	71	71	69	61	77
HCF 90 T4/T8 (A3:8) F400 (8p - 40°)	Inlet	54	62	67	68	72	71	68	62	77
HCF 90 T4/T8 (A3:8) F400 (8p - 42°)	Inlet	55	62	67	69	73	72	69	62	78
HCF 90 T4/T8 (A3:8) F400 (4p - 20°)	Inlet	69	81	90	91	93	88	88	78	98
HCF 90 T4/T8 (A3:8) F400 (4p - 22°)	Inlet	69	80	88	90	92	88	88	78	97
HCF 90 T4/T8 (A3:8) F400 (4p - 24°)	Inlet	69	79	86	89	91	88	88	78	96
HCF 90 T4/T8 (A3:8) F400 (4p - 26°)	Inlet	69	77	84	88	90	88	87	79	95
HCF 90 T4/T8 (A3:8) F400 (4p - 28°)	Inlet	69	76	82	87	89	88	87	79	94
HCF 90 T4/T8 (A3:8) F400 (4p - 30°)	Inlet	68	75	80	86	88	88	87	79	94
HCF 90 T4/T8 (A3:8) F400 (4p - 32°)	Inlet	67	74	80	85	87	88	86	78	93
HCF 90 T4/T8 (A3:8) F400 (4p - 34°)	Inlet	66	74	79	84	86	87	85	77	92
HCF 90 T4/T8 (A3:8) F400 (4p - 36°)	Inlet	67	74	80	83	86	87	85	77	92
HCF 90 T4/T8 (A3:8) F400 (4p - 38°)	Inlet	69	76	81	83	87	87	84	77	92
HCF 90 T4/T8 (A3:8) F400 (4p - 40°)	Inlet	70	77	83	84	88	87	84	77	93
HCF 90 T4/T8 (A3:8) F400 (4p - 42°)	Inlet	70	78	83	84	88	88	85	78	93
HCF 100 T4/T8 (A3:4) F400 (8p - 20°)	Inlet	50	60	66	72	76	76	77	74	82
HCF 100 T4/T8 (A3:4) F400 (8p - 22°)	Inlet	50	60	66	72	76	76	77	74	82
HCF 100 T4/T8 (A3:4) F400 (8p - 24°)	Inlet	51	60	66	72	75	76	77	73	82
HCF 100 T4/T8 (A3:4) F400 (8p - 26°)	Inlet	51	59	65	71	74	75	77	72	82
HCF 100 T4/T8 (A3:4) F400 (8p - 28°)	Inlet	51	59	65	71	74	75	77	71	81
HCF 100 T4/T8 (A3:4) F400 (8p - 30°)	Inlet	52	59	65	70	74	75	77	70	81
HCF 100 T4/T8 (A3:4) F400 (8p - 32°)	Inlet	52	58	65	70	73	74	76	70	80

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HCF 100 T4/T8 (A3:4) F400 (8p - 34°)	Inlet	53	57	65	69	72	74	76	69	80
HCF 100 T4/T8 (A3:4) F400 (8p - 36°)	Inlet	53	57	65	70	72	74	75	69	80
HCF 100 T4/T8 (A3:4) F400 (8p - 38°)	Inlet	52	58	65	70	73	74	76	69	80
HCF 100 T4/T8 (A3:4) F400 (8p - 40°)	Inlet	52	59	66	71	75	75	76	70	81
HCF 100 T4/T8 (A3:4) F400 (8p - 42°)	Inlet	53	61	67	72	76	76	77	71	82
HCF 100 T4/T8 (A3:4) F400 (4p - 20°)	Inlet	66	76	81	88	91	92	93	90	98
HCF 100 T4/T8 (A3:4) F400 (4p - 22°)	Inlet	66	76	82	88	91	92	93	90	98
HCF 100 T4/T8 (A3:4) F400 (4p - 24°)	Inlet	67	76	81	87	91	92	93	89	98
HCF 100 T4/T8 (A3:4) F400 (4p - 26°)	Inlet	67	75	81	87	90	91	93	88	97
HCF 100 T4/T8 (A3:4) F400 (4p - 28°)	Inlet	67	75	81	86	90	91	93	87	97
HCF 100 T4/T8 (A3:4) F400 (4p - 30°)	Inlet	68	74	81	86	90	91	93	86	97
HCF 100 T4/T8 (A3:4) F400 (4p - 32°)	Inlet	68	74	81	86	89	90	92	86	96
HCF 100 T4/T8 (A3:4) F400 (4p - 34°)	Inlet	69	73	81	85	88	90	91	85	96
HCF 100 T4/T8 (A3:4) F400 (4p - 36°)	Inlet	69	73	81	86	88	90	91	85	96
HCF 100 T4/T8 (A3:4) F400 (4p - 38°)	Inlet	68	74	81	86	89	90	92	85	96
HCF 100 T4/T8 (A3:4) F400 (4p - 40°)	Inlet	68	75	81	87	90	91	92	86	97
HCF 100 T4/T8 (A3:4) F400 (4p - 42°)	Inlet	69	77	83	88	92	92	93	87	98
HCF 100 T4/T8 (A3:8) F400 (8p - 20°)	Inlet	56	65	76	86	84	83	84	79	91
HCF 100 T4/T8 (A3:8) F400 (8p - 22°)	Inlet	56	64	75	84	83	82	83	78	90
HCF 100 T4/T8 (A3:8) F400 (8p - 24°)	Inlet	56	64	73	81	82	81	82	77	88
HCF 100 T4/T8 (A3:8) F400 (8p - 26°)	Inlet	56	63	72	79	80	80	81	76	87
HCF 100 T4/T8 (A3:8) F400 (8p - 28°)	Inlet	56	63	71	77	80	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
HCF 100 T4/T8 (A3:8) F400 (8p - 30°)	Inlet	56	63	70	75	79	79	80	74	85
HCF 100 T4/T8 (A3:8) F400 (8p - 32°)	Inlet	55	63	68	74	77	78	79	73	84
HCF 100 T4/T8 (A3:8) F400 (8p - 34°)	Inlet	55	62	67	72	76	77	78	72	83
HCF 100 T4/T8 (A3:8) F400 (8p - 36°)	Inlet	54	61	66	71	75	77	78	72	83
HCF 100 T4/T8 (A3:8) F400 (8p - 38°)	Inlet	55	62	67	72	76	78	78	72	83
HCF 100 T4/T8 (A3:8) F400 (8p - 40°)	Inlet	56	63	68	73	76	78	79	73	84
HCF 100 T4/T8 (A3:8) F400 (8p - 42°)	Inlet	56	63	68	73	77	78	79	73	84
HCF 100 T4/T8 (A3:8) F400 (4p - 20°)	Inlet	72	81	92	102	100	99	100	95	107
HCF 100 T4/T8 (A3:8) F400 (4p - 22°)	Inlet	72	80	91	100	99	98	99	94	106
HCF 100 T4/T8 (A3:8) F400 (4p - 24°)	Inlet	72	79	89	97	97	97	98	93	104
HCF 100 T4/T8 (A3:8) F400 (4p - 26°)	Inlet	72	79	88	95	96	96	97	92	103
HCF 100 T4/T8 (A3:8) F400 (4p - 28°)	Inlet	72	79	87	93	96	95	96	91	102
HCF 100 T4/T8 (A3:8) F400 (4p - 30°)	Inlet	72	79	86	91	95	95	96	90	101
HCF 100 T4/T8 (A3:8) F400 (4p - 32°)	Inlet	71	79	84	90	93	94	95	89	100
HCF 100 T4/T8 (A3:8) F400 (4p - 34°)	Inlet	71	78	83	88	92	93	94	88	99
HCF 100 T4/T8 (A3:8) F400 (4p - 36°)	Inlet	70	77	82	87	91	93	94	87	99
HCF 100 T4/T8 (A3:8) F400 (4p - 38°)	Inlet	71	78	83	88	92	94	94	88	99
HCF 100 T4/T8 (A3:8) F400 (4p - 40°)	Inlet	71	79	84	89	92	94	95	89	100
HCF 100 T4/T8 (A3:8) F400 (4p - 42°)	Inlet	72	79	84	89	93	94	95	89	100
HCF 112 T4/T8 (A3:4) F400 (8p - 20°)	Inlet	50	62	67	74	78	78	80	76	85
HCF 112 T4/T8 (A3:4) F400 (8p - 22°)	Inlet	52	63	68	74	78	79	81	76	86
HCF 112 T4/T8 (A3:4) F400 (8p - 24°)	Inlet	53	62	67	74	77	78	80	75	85

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HCF 112 T4/T8 (A3:4) F400 (8p - 26°)	Inlet	54	62	67	73	77	78	79	74	84
HCF 112 T4/T8 (A3:4) F400 (8p - 28°)	Inlet	55	62	67	73	76	77	79	73	83
HCF 112 T4/T8 (A3:4) F400 (8p - 30°)	Inlet	55	62	67	72	76	77	78	72	83
HCF 112 T4/T8 (A3:4) F400 (8p - 32°)	Inlet	55	61	67	72	75	76	78	71	82
HCF 112 T4/T8 (A3:4) F400 (8p - 34°)	Inlet	54	60	66	71	74	76	77	70	82
HCF 112 T4/T8 (A3:4) F400 (8p - 36°)	Inlet	55	60	67	71	74	76	77	70	82
HCF 112 T4/T8 (A3:4) F400 (8p - 38°)	Inlet	55	61	67	72	75	76	78	71	82
HCF 112 T4/T8 (A3:4) F400 (8p - 40°)	Inlet	56	63	68	73	76	77	78	71	83
HCF 112 T4/T8 (A3:4) F400 (8p - 42°)	Inlet	57	63	69	73	76	78	78	72	83
HCF 112 T4/T8 (A3:4) F400 (4p - 20°)	Inlet	66	78	83	90	94	94	96	92	101
HCF 112 T4/T8 (A3:4) F400 (4p - 22°)	Inlet	68	79	84	90	94	95	96	92	102
HCF 112 T4/T8 (A3:4) F400 (4p - 24°)	Inlet	69	78	83	90	93	94	96	91	101
HCF 112 T4/T8 (A3:4) F400 (4p - 26°)	Inlet	70	78	83	89	93	94	95	90	100
HCF 112 T4/T8 (A3:4) F400 (4p - 28°)	Inlet	71	78	83	89	92	93	95	89	99
HCF 112 T4/T8 (A3:4) F400 (4p - 30°)	Inlet	71	78	83	88	92	93	94	88	99
HCF 112 T4/T8 (A3:4) F400 (4p - 32°)	Inlet	70	77	82	88	91	92	94	87	98
HCF 112 T4/T8 (A3:4) F400 (4p - 34°)	Inlet	70	76	82	87	90	92	93	86	98
HCF 112 T4/T8 (A3:4) F400 (4p - 36°)	Inlet	71	76	83	87	90	92	93	86	98
HCF 112 T4/T8 (A3:4) F400 (4p - 38°)	Inlet	71	77	83	88	91	92	93	87	98
HCF 112 T4/T8 (A3:4) F400 (4p - 40°)	Inlet	72	79	84	89	91	93	94	87	99
HCF 112 T4/T8 (A3:4) F400 (4p - 42°)	Inlet	72	79	84	89	92	94	94	88	99
HCF 112 T4/T8 (A3:8) F400 (8p - 20°)	Inlet	57	66	76	85	85	87	87	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
HCF 112 T4/T8 (A3:8) F400 (8p - 22º)	Inlet	57	65	75	83	84	86	86	80	91
HCF 112 T4/T8 (A3:8) F400 (8p - 24º)	Inlet	57	65	74	81	83	85	85	79	90
HCF 112 T4/T8 (A3:8) F400 (8p - 26º)	Inlet	58	65	73	80	83	84	84	78	90
HCF 112 T4/T8 (A3:8) F400 (8p - 28º)	Inlet	58	65	72	78	82	83	83	78	89
HCF 112 T4/T8 (A3:8) F400 (8p - 30º)	Inlet	58	65	72	77	81	83	83	77	88
HCF 112 T4/T8 (A3:8) F400 (8p - 32º)	Inlet	58	65	70	76	80	81	81	75	87
HCF 112 T4/T8 (A3:8) F400 (8p - 34º)	Inlet	57	64	69	74	78	80	80	73	85
HCF 112 T4/T8 (A3:8) F400 (8p - 36º)	Inlet	57	64	69	74	77	79	80	73	85
HCF 112 T4/T8 (A3:8) F400 (8p - 38º)	Inlet	57	64	69	74	78	80	80	73	85
HCF 112 T4/T8 (A3:8) F400 (8p - 40º)	Inlet	58	65	70	74	78	80	80	74	86
HCF 112 T4/T8 (A3:8) F400 (8p - 42º)	Inlet	58	65	70	75	78	80	79	73	85
HCF 112 T4/T8 (A3:8) F400 (4p - 20º)	Inlet	73	82	92	101	101	103	103	97	109
HCF 112 T4/T8 (A3:8) F400 (4p - 22º)	Inlet	73	81	91	99	100	102	102	96	107
HCF 112 T4/T8 (A3:8) F400 (4p - 24º)	Inlet	73	81	90	97	99	101	101	95	106
HCF 112 T4/T8 (A3:8) F400 (4p - 26º)	Inlet	74	81	89	96	98	100	100	94	106
HCF 112 T4/T8 (A3:8) F400 (4p - 28º)	Inlet	74	81	88	94	98	99	99	94	105
HCF 112 T4/T8 (A3:8) F400 (4p - 30º)	Inlet	74	80	87	93	97	99	99	93	104
HCF 112 T4/T8 (A3:8) F400 (4p - 32º)	Inlet	74	81	86	91	96	97	97	91	103
HCF 112 T4/T8 (A3:8) F400 (4p - 34º)	Inlet	73	80	85	90	94	96	96	89	101
HCF 112 T4/T8 (A3:8) F400 (4p - 36º)	Inlet	73	80	85	90	93	95	95	89	101
HCF 112 T4/T8 (A3:8) F400 (4p - 38º)	Inlet	73	80	85	90	94	96	95	89	101
HCF 112 T4/T8 (A3:8) F400 (4p - 40º)	Inlet	74	81	86	90	94	96	95	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
HCF 112 T4/T8 (A3:8) F400 (4p - 42º)	Inlet	73	80	85	91	94	96	95	89	101
HCF 125 T4/T8 (A3:4) F400 (8p - 20º)	Inlet	56	69	74	82	86	86	88	85	93
HCF 125 T4/T8 (A3:4) F400 (8p - 22º)	Inlet	59	70	75	82	86	87	89	85	93
HCF 125 T4/T8 (A3:4) F400 (8p - 24º)	Inlet	59	69	74	80	84	85	87	82	91
HCF 125 T4/T8 (A3:4) F400 (8p - 26º)	Inlet	60	68	73	78	82	83	85	80	90
HCF 125 T4/T8 (A3:4) F400 (8p - 28º)	Inlet	60	67	72	77	80	82	83	77	88
HCF 125 T4/T8 (A3:4) F400 (8p - 30º)	Inlet	58	65	70	75	79	80	81	75	86
HCF 125 T4/T8 (A3:4) F400 (8p - 32º)	Inlet	58	65	70	75	78	80	81	74	86
HCF 125 T4/T8 (A3:4) F400 (8p - 34º)	Inlet	58	65	70	74	77	79	80	72	85
HCF 125 T4/T8 (A3:4) F400 (8p - 36º)	Inlet	58	65	70	74	77	79	80	72	85
HCF 125 T4/T8 (A3:4) F400 (8p - 38º)	Inlet	58	65	70	75	77	79	80	73	85
HCF 125 T4/T8 (A3:4) F400 (8p - 40º)	Inlet	59	66	71	75	78	80	80	73	86
HCF 125 T4/T8 (A3:4) F400 (8p - 42º)	Inlet	59	66	71	76	79	81	80	74	86
HCF 125 T4/T8 (A3:4) F400 (4p - 20º)	Inlet	72	85	90	98	102	102	104	101	109
HCF 125 T4/T8 (A3:4) F400 (4p - 22º)	Inlet	75	86	91	98	102	103	105	101	109
HCF 125 T4/T8 (A3:4) F400 (4p - 24º)	Inlet	75	85	90	96	100	101	103	98	107
HCF 125 T4/T8 (A3:4) F400 (4p - 26º)	Inlet	76	84	89	94	98	99	101	96	106
HCF 125 T4/T8 (A3:4) F400 (4p - 28º)	Inlet	75	82	87	93	96	98	99	93	104
HCF 125 T4/T8 (A3:4) F400 (4p - 30º)	Inlet	74	81	86	91	95	96	97	91	102
HCF 125 T4/T8 (A3:4) F400 (4p - 32º)	Inlet	74	81	86	90	94	96	96	90	102
HCF 125 T4/T8 (A3:4) F400 (4p - 34º)	Inlet	73	80	85	90	93	95	96	88	101
HCF 125 T4/T8 (A3:4) F400 (4p - 36º)	Inlet	74	81	86	90	93	95	96	88	101

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HCF 125 T4/T8 (A3:4) F400 (4p - 38°)	Inlet	74	81	86	91	93	95	96	89	101
HCF 125 T4/T8 (A3:4) F400 (4p - 40°)	Inlet	75	82	87	91	93	96	96	89	102
HCF 125 T4/T8 (A3:4) F400 (4p - 42°)	Inlet	75	82	87	92	94	96	96	90	102
HCF 125 T4/T8 (A3:8) F400 (8p - 20°)	Inlet	62	71	78	87	92	95	94	89	99
HCF 125 T4/T8 (A3:8) F400 (8p - 22°)	Inlet	63	70	77	86	91	94	93	88	98
HCF 125 T4/T8 (A3:8) F400 (8p - 24°)	Inlet	62	70	76	84	90	92	92	86	97
HCF 125 T4/T8 (A3:8) F400 (8p - 26°)	Inlet	62	69	75	82	88	90	90	84	95
HCF 125 T4/T8 (A3:8) F400 (8p - 28°)	Inlet	62	68	75	81	86	89	89	82	94
HCF 125 T4/T8 (A3:8) F400 (8p - 30°)	Inlet	62	67	74	80	85	87	88	81	92
HCF 125 T4/T8 (A3:8) F400 (8p - 32°)	Inlet	61	67	73	79	83	86	86	79	91
HCF 125 T4/T8 (A3:8) F400 (8p - 34°)	Inlet	61	68	73	78	81	84	84	76	89
HCF 125 T4/T8 (A3:8) F400 (8p - 36°)	Inlet	61	68	73	77	81	83	82	75	88
HCF 125 T4/T8 (A3:8) F400 (8p - 38°)	Inlet	60	67	72	77	80	82	82	75	88
HCF 125 T4/T8 (A3:8) F400 (8p - 40°)	Inlet	60	67	72	77	80	82	81	74	87
HCF 125 T4/T8 (A3:8) F400 (8p - 42°)	Inlet	60	67	72	77	80	82	80	74	87
HCF 125 T4/T8 (A3:8) F400 (4p - 20°)	Inlet	78	86	93	103	108	111	110	105	115
HCF 125 T4/T8 (A3:8) F400 (4p - 22°)	Inlet	79	86	93	102	107	110	109	104	114
HCF 125 T4/T8 (A3:8) F400 (4p - 24°)	Inlet	78	85	92	100	106	108	108	102	113
HCF 125 T4/T8 (A3:8) F400 (4p - 26°)	Inlet	78	85	91	98	104	106	106	100	111
HCF 125 T4/T8 (A3:8) F400 (4p - 28°)	Inlet	78	84	91	97	102	105	105	98	110
HCF 125 T4/T8 (A3:8) F400 (4p - 30°)	Inlet	77	83	90	96	101	103	104	97	108
HCF 125 T4/T8 (A3:8) F400 (4p - 32°)	Inlet	77	83	89	95	99	102	102	94	107

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HCF 125 T4/T8 (A3:8) F400 (4p - 34°)	Inlet	77	83	89	94	97	99	100	92	105
HCF 125 T4/T8 (A3:8) F400 (4p - 36°)	Inlet	77	83	89	93	96	98	98	91	104
HCF 125 T4/T8 (A3:8) F400 (4p - 38°)	Inlet	76	83	88	93	96	98	97	91	104
HCF 125 T4/T8 (A3:8) F400 (4p - 40°)	Inlet	76	83	88	93	96	98	97	90	103
HCF 125 T4/T8 (A3:8) F400 (4p - 42°)	Inlet	76	83	88	93	96	98	96	90	103

erp data

ERP	
Fan type	Axial fan
Installation category	A
Efficiency category	Static
The fan has to be installed with FSC	No

ERP / 4 poles

Model	Motor power (kW)	Maximum efficiency point data						
		Max. efficiency (%)	Efficiency grade (N) (N)	Air Flow (m³/h)	Ps (Pa)	Pabs (kW)	speed (rpm)	Specific ratio
HCF 45 T4 (A5:6) F400 (20º)	0,75	29,05	39,10	2.491,11	106,33	0,26	-	1,00
HCF 45 T4 (A5:6) F400 (25º)	0,75	30,67	40,22	2.911,16	116,66	0,31	-	1,00
HCF 45 T4 (A5:6) F400 (27,5º)	0,75	31,64	40,72	3.296,92	126,90	0,37	-	1,00
HCF 45 T4 (A5:6) F400 (30º)	0,75	32	40,89	3.459,55	131,58	0,39	-	1,00
HCF 45 T4 (A5:6) F400 (32,5º)	0,75	31,39	40,03	3.702,03	133,26	0,43	-	1,00
HCF 45 T4 (A5:6) F400 (35º)	0,75	30,73	39,12	3.952	134,68	0,47	-	1,00
HCF 45 T4 (A5:6) F400 (37,5º)	0,75	29,91	38,05	4.149,98	136,63	0,52	-	1,00
HCF 50 T4 (A5:6) F400 (25º)	0,75	35,10	44,66	3.652,94	106,43	0,31	-	1,00
HCF 50 T4 (A5:6) F400 (27,5º)	0,75	34,87	44,24	3.812,04	108,57	0,33	-	1,00
HCF 50 T4 (A5:6) F400 (30º)	0,75	34,38	43,31	4.191,59	114,50	0,39	-	1,00
HCF 50 T4 (A5:6) F400 (32,5º)	0,75	33,09	41,73	4.494,96	114,29	0,43	-	1,00
HCF 50 T4 (A5:6) F400 (35º)	0,75	31,96	40,32	4.788,94	115,56	0,48	-	1,00
HCF 50 T4 (A5:6) F400 (37,5º)	0,75	30,14	38,24	5.108,76	112,63	0,52	-	1,00
HCF 56 T4 (A5:6) F400 (20º)	0,75	45,60	54,38	4.478,93	148,81	0,41	-	1,00
HCF 56 T4 (A5:6) F400 (25º)	0,75	48,78	57,04	5.808,19	148,73	0,50	-	1,00
HCF 56 T4 (A5:6) F400 (30º)	0,75	49,96	57,74	6.778,11	152,82	0,59	-	1,00
HCF 56 T4 (A5:6) F400 (35º)	0,75	46,99	54,14	7.876,22	160,17	0,74	-	1,00
HCF 56 T4 (A5:6) F400 (40º)	1,10	38,65	44,74	9.048,55	169,98	1,09	-	1,00
HCF 56 T4 (A5:6) F400 (45º)	1,50	34,52	40,02	9.736,74	173,85	1,35	-	1,00
HCF 63 T4 (A5:6) F400 (20º)	0,75	58,53	66,55	6.355,92	174,52	0,54	-	1,00
HCF 63 T4 (A5:6) F400 (25º)	0,75	56,44	63,66	7.725,21	182,76	0,72	-	1,00
HCF 63 T4 (A5:6) F400 (30º)	1,10	49,58	55,52	9.455,48	213,97	1,15	-	1,00
HCF 63 T4 (A5:6) F400 (35º)	1,50	45,82	51,18	10.626,06	219,74	1,43	-	1,00
HCF 63 T4 (A5:6) F400 (40º)	2,20	42,39	47,13	12.399,99	220,92	1,79	-	1,00
HCF 63 T4 (A5:6) F400 (45º)	2,20	37,31	41,55	13.888,41	205,06	2,14	-	1,00
HCF 71 T4 (A5:6) F400 (20º)	0,75	57,24	64,21	8.318,90	190,43	0,79	-	1,00
HCF 71 T4 (A5:6) F400 (25º)	1,10	51,11	56,91	10.347,46	210,19	1,21	-	1,00
HCF 71 T4 (A5:6) F400 (30º)	1,50	49,69	54,68	12.411,49	229,67	1,63	-	1,00

Model	Motor power (kW)	Maximum efficiency point data						
		Max. efficiency (%)	Efficiency grade (N) (N)	Air Flow (m³/h)	Ps (Pa)	Pabs (kW)	speed (rpm)	Specific ratio
HCF 71 T4 (A5:6) F400 (35º)	2,20	45,76	49,92	14.677,49	244,74	2,21	-	1,00
HCF 71 T4 (A5:6) F400 (40º)	3	42,05	45,76	16.394,17	241,08	2,60	-	1,00
HCF 71 T4 (A5:6) F400 (45º)	3	36,26	39,41	18.371,79	226,54	3,20	-	1,00
HCF 80 T4 (A5:6) F400 (20º)	2,20	50,90	56,72	9.680,70	227,70	1,21	-	1,00
HCF 80 T4 (A5:6) F400 (25º)	2,20	53,20	58,28	12.281,11	243,37	1,58	-	1,00
HCF 80 T4 (A5:6) F400 (30º)	2,20	56,94	60,89	17.140,62	282,45	2,38	-	1,00
HCF 80 T4 (A5:6) F400 (35º)	3	50,44	53,66	19.751,78	286,67	3,11	-	1,00
HCF 80 T4 (A5:6) F400 (40º)	4	47,95	50,57	22.365,43	298,91	3,87	-	1,00
HCF 80 T4 (A5:6) F400 (45º)	4	40,28	42,28	25.392,14	275,70	4,85	-	1,00
HCF 90 T4 (A3:4) F400 (20º)	3	48,09	51,85	15.955,78	277,88	2,56	-	1,00
HCF 90 T4 (A3:4) F400 (22º)	3	52,40	55,68	17.468,42	328,17	3,04	-	1,00
HCF 90 T4 (A3:4) F400 (24º)	4	51,41	54,28	18.884,96	346,57	3,54	-	1,00
HCF 90 T4 (A3:4) F400 (26º)	4	49,81	52,26	20.381,08	362,27	4,13	-	1,00
HCF 90 T4 (A3:4) F400 (28º)	5,50	48,96	51,04	21.823,74	380,31	4,72	-	1,00
HCF 90 T4 (A3:4) F400 (30º)	5,50	47,76	49,47	23.214,28	399	5,40	-	1,00
HCF 90 T4 (A3:4) F400 (32º)	5,50	46,18	47,67	24.413,97	398,02	5,84	-	1,00
HCF 90 T4 (A3:4) F400 (34º)	7,50	45,22	46,53	25.666,02	396,98	6,24	-	1,00
HCF 90 T4 (A3:4) F400 (36º)	7,50	43,09	44,16	27.097,43	393,25	6,82	-	1,00
HCF 90 T4 (A3:4) F400 (38º)	7,50	40,56	41,36	28.643,25	388,02	7,53	-	1,00
HCF 90 T4 (A3:4) F400 (40º)	11	39,80	40,36	30.598,14	379,44	8,22	-	1,00
HCF 90 T4 (A3:8) F400 (20º)	4	45,66	47,95	18.691,31	366,04	4,36	-	1,00
HCF 90 T4 (A3:8) F400 (22º)	5,50	50,85	52,75	20.492,72	434,30	5,04	-	1,00
HCF 90 T4 (A3:8) F400 (24º)	5,50	49,94	51,43	22.351,51	455,04	5,85	-	1,00
HCF 90 T4 (A3:8) F400 (26º)	7,50	49,93	51,08	24.309,22	475,44	6,64	-	1,00
HCF 90 T4 (A3:8) F400 (28º)	7,50	48,96	49,73	26.219,52	496,13	7,60	-	1,00
HCF 90 T4 (A3:8) F400 (30º)	11	48,58	49,03	28.118,79	518,15	8,54	-	1,00
HCF 90 T4 (A3:8) F400 (32º)	11	47,05	47,23	29.635,83	527,28	9,42	-	1,00
HCF 90 T4 (A3:8) F400 (34º)	11	45,31	45,37	31.030,42	536,47	10,36	-	1,00
HCF 90 T4 (A3:8) F400 (36º)	11	44,02	44,01	32.403,99	548,99	11,32	-	1,00
HCF 90 T4 (A3:8) F400 (38º)	15	43,36	43,29	33.748,52	564,61	12,17	-	1,00
HCF 90 T4 (A3:8) F400 (40º)	15	41,87	41,74	34.989,69	579,72	13,30	-	1,00
HCF 90 T4 (A3:8) F400 (42º)	15	40,32	40,11	36.672,46	582,67	14,53	-	1,00
HCF 100 T4 (A3:4) F400 (20º)	5,50	54,31	56,80	22.194,39	356,83	4,07	-	1,00
HCF 100 T4 (A3:4) F400 (22º)	5,50	59,38	61,51	23.962,35	411,40	4,63	-	1,00
HCF 100 T4 (A3:4) F400 (24º)	5,50	57,70	59,48	25.849,24	421,62	5,26	-	1,00
HCF 100 T4 (A3:4) F400 (26º)	5,50	56,12	57,55	27.859,73	431,55	5,97	-	1,00
HCF 100 T4 (A3:4) F400 (28º)	7,50	55,38	56,52	29.732,15	443,68	6,63	-	1,00
HCF 100 T4 (A3:4) F400 (30º)	7,50	53,61	54,44	31.667,92	453,69	7,46	-	1,00

Model	Motor power (kW)	Maximum efficiency point data						
		Max. efficiency (%)	Efficiency grade (N) (N)	Air Flow (m³/h)	Ps (Pa)	Pabs (kW)	speed (rpm)	Specific ratio
HCF 100 T4 (A3:4) F400 (32º)	11	52,21	52,78	33.359,85	461,34	8,19	-	1,00
HCF 100 T4 (A3:4) F400 (34º)	11	50,33	50,62	35.182,49	468,19	9,07	-	1,00
HCF 100 T4 (A3:4) F400 (36º)	11	47,95	48,03	37.414,86	466,31	10,04	-	1,00
HCF 100 T4 (A3:4) F400 (38º)	11	46,64	46,64	40.156,68	457,72	11,10	-	1,00
HCF 100 T4 (A3:4) F400 (40º)	15	45,09	45,02	42.939,43	451,39	12,17	-	1,00
HCF 100 T4 (A3:4) F400 (42º)	15	40,34	40,19	47.442,20	410,21	13,47	-	1,00
HCF 100 T4 (A3:8) F400 (20º)	7,50	53,05	53,85	26.682,88	528,77	7,53	-	1,00
HCF 100 T4 (A3:8) F400 (22º)	11	59,14	59,67	28.932,88	598,16	8,30	-	1,00
HCF 100 T4 (A3:8) F400 (24º)	11	57,84	58,08	31.096,46	605,57	9,24	-	1,00
HCF 100 T4 (A3:8) F400 (26º)	11	56,33	56,39	33.251,27	615,16	10,31	-	1,00
HCF 100 T4 (A3:8) F400 (28º)	11	54,74	54,72	35.417,64	622,91	11,47	-	1,00
HCF 100 T4 (A3:8) F400 (30º)	15	53,79	53,70	37.563,11	630,92	12,57	-	1,00
HCF 100 T4 (A3:8) F400 (32º)	15	52,25	52,07	39.660,55	649,91	13,96	-	1,00
HCF 100 T4 (A3:8) F400 (34º)	15	50,59	50,33	41.700,32	668,77	15,50	-	1,00
HCF 100 T4 (A3:8) F400 (36º)	18,50	49,21	48,88	43.871,45	686,20	17,08	-	1,00
HCF 100 T4 (A3:8) F400 (38º)	18,50	47,78	47,37	45.992,03	703,90	18,77	-	1,00
HCF 100 T4 (A3:8) F400 (40º)	22	46,26	45,77	48.308	719,29	20,65	-	1,00
HCF 100 T4 (A3:8) F400 (42º)	22	44,22	43,67	51.053,71	712,96	22,68	-	1,00
HCF 112 T4 (A3:4) F400 (20º)	7,50	56,89	58,67	18.300	572,72	5,27	-	1,00
HCF 112 T4 (A3:4) F400 (22º)	7,50	58,51	59,69	30.542,16	455,36	6,54	-	1,00
HCF 112 T4 (A3:4) F400 (24º)	7,50	57,69	58,55	34.380,35	445,89	7,39	-	1,00
HCF 112 T4 (A3:4) F400 (26º)	11	57,59	58,16	37.870,79	447,18	8,20	-	1,00
HCF 112 T4 (A3:4) F400 (28º)	11	56,91	57,18	40.862,52	458,02	9,16	-	1,00
HCF 112 T4 (A3:4) F400 (30º)	11	56,25	56,32	43.399,71	474,39	10,17	-	1,00
HCF 112 T4 (A3:4) F400 (32º)	11	54,48	54,48	45.916,32	481,99	11,26	-	1,00
HCF 112 T4 (A3:4) F400 (34º)	15	52,65	52,56	48.439,72	490,42	12,47	-	1,00
HCF 112 T4 (A3:4) F400 (36º)	15	49,58	49,41	51.224,50	485,51	13,82	-	1,00
HCF 112 T4 (A3:4) F400 (38º)	15	47,48	47,23	57.078,40	451,12	15,27	-	1,00
HCF 112 T4 (A3:4) F400 (40º)	18,50	44,66	44,35	60.435,65	436,73	16,64	-	1,00
HCF 112 T4 (A3:4) F400 (42º)	18,50	38,44	38,05	67.000	378,92	18,28	-	1,00
HCF 112 T4 (A3:8) F400 (20º)	11	57,06	57,12	32.770,46	642,99	10,29	-	1,00
HCF 112 T4 (A3:8) F400 (22º)	11	62,14	62,13	36.629,30	686,10	11,28	-	1,00
HCF 112 T4 (A3:8) F400 (24º)	15	61,81	61,72	40.603,20	674,28	12,36	-	1,00
HCF 112 T4 (A3:8) F400 (26º)	15	60,50	60,33	44.666,32	665,08	13,76	-	1,00
HCF 112 T4 (A3:8) F400 (28º)	15	59,19	58,94	48.542,97	663,39	15,30	-	1,00
HCF 112 T4 (A3:8) F400 (30º)	18,50	58,45	58,13	52.209,90	667,35	16,84	-	1,00
HCF 112 T4 (A3:8) F400 (32º)	18,50	56,39	55,97	55.017,35	695,59	18,97	-	1,00
HCF 112 T4 (A3:8) F400 (34º)	22	54,48	53,97	58.008,26	720,74	21,27	-	1,00

Model	Motor power (kW)	Maximum efficiency point data						
		Max. efficiency (%)	Efficiency grade (N) (N)	Air Flow (m³/h)	Ps (Pa)	Pabs (kW)	speed (rpm)	Specific ratio
HCF 112 T4 (A3:8) F400 (36º)	22	52,76	52,18	60.935,16	734,95	23,37	-	1,00
HCF 112 T4 (A3:8) F400 (38º)	30	51,41	50,78	63.739,94	739,44	25,08	-	1,00
HCF 112 T4 (A3:8) F400 (40º)	30	51	50,31	66.443,30	746,01	27,25	-	1,00
HCF 112 T4 (A3:8) F400 (42º)	30	48,22	47,45	72.330,57	711,69	29,92	-	1,00
HCF 125 T4 (A3:4) F400 (20º)	11	57,35	57,78	24.700	700,21	8,63	-	1,00
HCF 125 T4 (A3:4) F400 (22º)	11	57,36	57,39	41.357,73	540,18	10,72	-	1,00
HCF 125 T4 (A3:4) F400 (24º)	15	56,97	56,91	46.668,70	526,27	11,99	-	1,00
HCF 125 T4 (A3:4) F400 (26º)	15	56,50	56,35	51.229,46	530,95	13,42	-	1,00
HCF 125 T4 (A3:4) F400 (28º)	15	55,59	55,35	55.317,73	543,13	15,05	-	1,00
HCF 125 T4 (A3:4) F400 (30º)	18,50	55,35	55,04	58.653,69	563,55	16,59	-	1,00
HCF 125 T4 (A3:4) F400 (32º)	18,50	53,74	53,35	62.010,38	573,01	18,33	-	1,00
HCF 125 T4 (A3:4) F400 (34º)	22	51,46	50,98	65.637,51	581,45	20,49	-	1,00
HCF 125 T4 (A3:4) F400 (36º)	22	48,46	47,91	69.151,38	577,59	22,70	-	1,00
HCF 125 T4 (A3:4) F400 (38º)	30	46,75	46,12	77.027,17	536,30	24,86	-	1,00
HCF 125 T4 (A3:4) F400 (40º)	30	43,73	43,03	81.637,62	519,11	27,28	-	1,00
HCF 125 T4 (A3:8) F400 (20º)	18,50	57,88	57,56	44.261,47	787,70	16,78	-	1,00
HCF 125 T4 (A3:8) F400 (22º)	18,50	61,26	60,87	49.676,80	811,37	18,33	-	1,00
HCF 125 T4 (A3:8) F400 (24º)	22	60,36	59,89	54.991,48	798,35	20,32	-	1,00
HCF 125 T4 (A3:8) F400 (26º)	22	59,09	58,54	60.245,29	792,18	22,60	-	1,00
HCF 125 T4 (A3:8) F400 (28º)	30	58,26	57,63	65.458,88	790,73	24,97	-	1,00
HCF 125 T4 (A3:8) F400 (30º)	30	57,12	56,41	70.166,20	798,20	27,60	-	1,00
HCF 125 T4 (A3:8) F400 (32º)	30	55,32	54,51	74.313,29	828,18	31,09	50Hz	1,00
HCF 125 T4 (A3:8) F400 (34º)	37	53,53	52,65	78.065,57	858,03	34,65	-	1,00
HCF 125 T4 (A3:8) F400 (36º)	37	51,98	51,02	82.436	873,12	38,14	-	1,00
HCF 125 T4 (A3:8) F400 (38º)	45	50,50	49,48	86.364,05	877,23	41,14	-	1,00
HCF 125 T4 (A3:8) F400 (40º)	45	49,94	48,86	89.637,10	885,91	44,66	-	1,00
HCF 125 T4 (A3:8) F400 (42º)	45	47,15	45,99	97.487,97	845,08	49,03	-	1,00

ERP / 6 poles

Model	Motor power (kW)	Maximum efficiency point data						
		Max. efficiency (%)	Efficiency grade (N) (N)	Air Flow (m³/h)	Ps (Pa)	Pabs (kW)	speed (rpm)	Specific ratio
HCF 56 T6 (A5:6) F400 (20º)	0,75	30,74	41,79	2.985,99	66,14	0,18	-	1,00
HCF 56 T6 (A5:6) F400 (25º)	0,75	34,88	45,56	3.872,15	66,10	0,21	-	1,00
HCF 56 T6 (A5:6) F400 (30º)	0,75	37,52	47,86	4.518,74	67,92	0,23	-	1,00
HCF 56 T6 (A5:6) F400 (35º)	0,75	37,62	47,49	5.250,82	71,19	0,28	-	1,00

Model	Motor power (kW)	Maximum efficiency point data						
		Max. efficiency (%)	Efficiency grade (N) (N)	Air Flow (m³/h)	Ps (Pa)	Pabs (kW)	speed (rpm)	Specific ratio
HCF 56 T6 (A5:6) F400 (40º)	0,75	33,18	42,19	6.032,36	75,54	0,38	-	1,00
HCF 56 T6 (A5:6) F400 (45º)	0,75	30,38	38,86	6.491,16	77,27	0,46	-	1,00
HCF 63 T6 (A5:6) F400 (20º)	0,75	42,90	53,41	4.237,23	77,56	0,22	-	1,00
HCF 63 T6 (A5:6) F400 (25º)	0,75	44,67	54,61	5.150,08	81,23	0,27	-	1,00
HCF 63 T6 (A5:6) F400 (30º)	0,75	42,92	51,80	6.303,64	95,10	0,39	-	1,00
HCF 63 T6 (A5:6) F400 (35º)	0,75	40,52	48,88	7.084,04	97,66	0,48	-	1,00
HCF 63 T6 (A5:6) F400 (40º)	0,75	37,24	44,97	8.267,83	98,18	0,60	-	1,00
HCF 63 T6 (A5:6) F400 (45º)	0,75	33,26	40,52	9.258,93	91,14	0,71	-	1,00
HCF 71 T6 (A5:6) F400 (20º)	0,75	46,42	56,16	5.545,82	84,64	0,29	-	1,00
HCF 71 T6 (A5:6) F400 (25º)	0,75	44,63	53,40	6.898,31	93,42	0,41	-	1,00
HCF 71 T6 (A5:6) F400 (30º)	0,75	44,66	52,69	8.274,35	102,07	0,54	-	1,00
HCF 71 T6 (A5:6) F400 (35º)	0,75	40,87	48,06	9.784,98	108,77	0,73	-	1,00
HCF 71 T6 (A5:6) F400 (40º)	0,75	37,68	44,42	10.928,58	107,15	0,86	-	1,00
HCF 71 T6 (A5:6) F400 (45º)	0,75	32,30	38,46	12.247,88	100,69	1,06	-	1,00
HCF 80 T6 (A5:6) F400 (20º)	0,75	43,60	52,33	6.453,80	101,20	0,42	-	1,00
HCF 80 T6 (A5:6) F400 (25º)	0,75	46,30	54,33	8.187,39	108,16	0,54	-	1,00
HCF 80 T6 (A5:6) F400 (30º)	0,75	51,10	58,09	11.446,42	125,31	0,78	-	1,00
HCF 80 T6 (A5:6) F400 (35º)	1,10	46,50	52,83	13.171,67	127,37	1	-	1,00
HCF 80 T6 (A5:6) F400 (40º)	1,10	43,85	49,56	14.924,27	132,73	1,25	-	1,00
HCF 80 T6 (A5:6) F400 (45º)	1,50	37,85	43,02	16.929,39	122,52	1,53	-	1,00
HCF 90 T6 (A3:4) F400 (20º)	1,50	43,17	50,20	10.372,34	115,88	0,77	-	1,00
HCF 90 T6 (A3:4) F400 (22º)	1,50	48,09	54,71	11.334,84	137,59	0,90	-	1,00
HCF 90 T6 (A3:4) F400 (24º)	1,50	47,35	53,56	12.281,93	144,82	1,05	-	1,00
HCF 90 T6 (A3:4) F400 (26º)	1,50	46,38	52,19	13.207,65	152,08	1,21	-	1,00
HCF 90 T6 (A3:4) F400 (28º)	1,50	45,28	50,72	14.055,75	160,37	1,39	-	1,00
HCF 90 T6 (A3:4) F400 (30º)	1,50	44,07	49,13	15.018,14	167,35	1,59	-	1,00
HCF 90 T6 (A3:4) F400 (32º)	1,50	42,45	47,29	15.824,99	166,38	1,72	-	1,00
HCF 90 T6 (A3:4) F400 (34º)	2,20	42,12	46,81	16.659,62	166,43	1,82	-	1,00
HCF 90 T6 (A3:4) F400 (36º)	2,20	40,22	44,67	17.612	164,58	1,99	-	1,00
HCF 90 T6 (A3:4) F400 (38º)	2,20	37,96	42,15	18.587,23	162,78	2,19	-	1,00
HCF 90 T6 (A3:4) F400 (40º)	2,20	37,01	40,92	19.857,45	159,96	2,42	-	1,00
HCF 90 T6 (A3:4) F400 (42º)	3	34,55	38,25	21.820,91	147,55	2,61	-	1,00
HCF 90 T6 (A3:8) F400 (20º)	1,50	42,52	48,20	12.101,08	153,60	1,27	-	1,00
HCF 90 T6 (A3:8) F400 (22º)	1,50	47,13	52,39	13.303,16	181,23	1,48	-	1,00
HCF 90 T6 (A3:8) F400 (24º)	1,50	46,19	51,03	14.534,86	190,08	1,72	-	1,00
HCF 90 T6 (A3:8) F400 (26º)	2,20	46,39	50,92	15.689,43	200,22	1,93	-	1,00
HCF 90 T6 (A3:8) F400 (28º)	2,20	45,78	49,93	16.980,47	208,34	2,21	-	1,00
HCF 90 T6 (A3:8) F400 (30º)	2,20	44,88	48,68	18.213,61	216,99	2,51	-	1,00

Model	Motor power (kW)	Maximum efficiency point data						
		Max. efficiency (%)	Efficiency grade (N) (N)	Air Flow (m³/h)	Ps (Pa)	Pabs (kW)	speed (rpm)	Specific ratio
HCF 90 T6 (A3:8) F400 (32º)	3	44,24	47,82	19.215,68	221,40	2,73	-	1,00
HCF 90 T6 (A3:8) F400 (34º)	3	42,60	45,92	20.092,17	226,04	3	-	1,00
HCF 90 T6 (A3:8) F400 (36º)	3	41,35	44,43	20.986,18	230,56	3,28	-	1,00
HCF 90 T6 (A3:8) F400 (38º)	4	40,75	43,64	21.866,75	236,59	3,52	-	1,00
HCF 90 T6 (A3:8) F400 (40º)	4	39,47	42,11	22.653,78	243,30	3,84	-	1,00
HCF 90 T6 (A3:8) F400 (42º)	4	37,91	40,31	23.711,75	245,06	4,20	-	1,00
HCF 100 T6 (A3:4) F400 (20º)	3	49,04	54,83	14.394,01	149,20	1,22	-	1,00
HCF 100 T6 (A3:4) F400 (22º)	3	54,34	59,81	15.545,02	171,96	1,37	-	1,00
HCF 100 T6 (A3:4) F400 (24º)	3	53,71	58,86	16.770,57	176,86	1,54	-	1,00
HCF 100 T6 (A3:4) F400 (26º)	3	52,77	57,61	18.003,41	181,34	1,72	-	1,00
HCF 100 T6 (A3:4) F400 (28º)	3	51,84	56,37	19.350,37	185,52	1,93	-	1,00
HCF 100 T6 (A3:4) F400 (30º)	3	50,58	54,82	20.487,93	190,81	2,15	-	1,00
HCF 100 T6 (A3:4) F400 (32º)	3	48,92	52,88	21.706,82	192,99	2,38	-	1,00
HCF 100 T6 (A3:4) F400 (34º)	3	47,18	50,86	22.815,46	196,23	2,63	-	1,00
HCF 100 T6 (A3:4) F400 (36º)	3	45,04	48,45	24.161,47	196,20	2,90	-	1,00
HCF 100 T6 (A3:4) F400 (38º)	3	43,56	46,69	25.903,29	192,63	3,22	-	1,00
HCF 100 T6 (A3:4) F400 (40º)	4	42,51	45,40	27.969,69	188,66	3,52	-	1,00
HCF 100 T6 (A3:4) F400 (42º)	4	37,83	40,44	30.782,97	171,52	3,89	-	1,00
HCF 100 T6 (A3:8) F400 (20º)	3	50,03	54,24	17.337,10	220,98	2,17	-	1,00
HCF 100 T6 (A3:8) F400 (22º)	3	55,42	59,35	18.711,45	252,11	2,41	-	1,00
HCF 100 T6 (A3:8) F400 (24º)	3	54,40	58,04	20.204,35	253,87	2,68	-	1,00
HCF 100 T6 (A3:8) F400 (26º)	3	52,85	56,18	21.565,89	257,65	2,99	-	1,00
HCF 100 T6 (A3:8) F400 (28º)	3	51,34	54,38	22.932,51	261,44	3,32	-	1,00
HCF 100 T6 (A3:8) F400 (30º)	4	50,61	53,41	24.326,84	264,59	3,63	-	1,00
HCF 100 T6 (A3:8) F400 (32º)	4	49,16	51,67	25.593,12	273,88	4,03	-	1,00
HCF 100 T6 (A3:8) F400 (34º)	4	47,66	49,88	27.052,34	280,58	4,48	-	1,00
HCF 100 T6 (A3:8) F400 (36º)	5,50	46,68	48,66	28.448,08	287,70	4,90	-	1,00
HCF 100 T6 (A3:8) F400 (38º)	5,50	45,25	46,97	29.817,81	295,29	5,39	-	1,00
HCF 100 T6 (A3:8) F400 (40º)	5,50	43,85	45,30	31.376,77	301,29	5,93	-	1,00
HCF 100 T6 (A3:8) F400 (42º)	7,50	42,58	43,82	33.124,25	298,63	6,40	-	1,00
HCF 112 T6 (A3:4) F400 (20º)	3	52,32	57,44	11.800	241,17	1,56	-	1,00
HCF 112 T6 (A3:4) F400 (22º)	3	54,82	59,39	19.562,18	193,94	1,90	-	1,00
HCF 112 T6 (A3:4) F400 (24º)	3	54,38	58,64	22.280,91	187,04	2,13	-	1,00
HCF 112 T6 (A3:4) F400 (26º)	3	54,06	58,02	24.525,18	187,91	2,38	-	1,00
HCF 112 T6 (A3:4) F400 (28º)	3	53,39	57,04	26.491,83	192,02	2,65	-	1,00
HCF 112 T6 (A3:4) F400 (30º)	3	52,78	56,15	28.158,01	198,68	2,94	-	1,00
HCF 112 T6 (A3:4) F400 (32º)	3	51,08	54,17	29.720,12	202,34	3,26	-	1,00
HCF 112 T6 (A3:4) F400 (34º)	4	49,71	52,54	31.370,35	206,44	3,60	-	1,00

Model	Motor power (kW)	Maximum efficiency point data						
		Max. efficiency (%)	Efficiency grade (N) (N)	Air Flow (m³/h)	Ps (Pa)	Pabs (kW)	speed (rpm)	Specific ratio
HCF 112 T6 (A3:4) F400 (36º)	4	46,68	49,22	33.191,85	203,79	3,99	-	1,00
HCF 112 T6 (A3:4) F400 (38º)	4	44,76	47,03	36.937,67	189,69	4,41	-	1,00
HCF 112 T6 (A3:4) F400 (40º)	5,50	42,32	44,36	39.054,54	183,68	4,77	-	1,00
HCF 112 T6 (A3:4) F400 (42º)	5,50	36,69	38,49	43.100	160,98	5,23	-	1,00
HCF 112 T6 (A3:8) F400 (20º)	3	53,70	57,04	21.268,06	270,25	2,98	-	1,00
HCF 112 T6 (A3:8) F400 (22º)	3	58,40	61,49	23.817,12	287,07	3,26	-	1,00
HCF 112 T6 (A3:8) F400 (24º)	4	58,14	60,98	26.404,43	281,19	3,57	-	1,00
HCF 112 T6 (A3:8) F400 (26º)	4	56,91	59,46	28.917,33	279,32	3,98	-	1,00
HCF 112 T6 (A3:8) F400 (28º)	4	55,77	58,02	31.510,82	277,87	4,42	-	1,00
HCF 112 T6 (A3:8) F400 (30º)	5,50	55,35	57,36	33.766,81	280,75	4,83	-	1,00
HCF 112 T6 (A3:8) F400 (32º)	5,50	53,56	55,25	35.671,31	292,31	5,44	-	1,00
HCF 112 T6 (A3:8) F400 (34º)	5,50	51,64	53,01	37.578,51	302,47	6,10	-	1,00
HCF 112 T6 (A3:8) F400 (36º)	7,50	50,81	51,97	39.389,52	308,78	6,59	-	1,00
HCF 112 T6 (A3:8) F400 (38º)	7,50	50,36	51,32	41.151,83	311,60	7,12	-	1,00
HCF 112 T6 (A3:8) F400 (40º)	7,50	48,78	49,51	43.015,42	313,12	7,74	-	1,00
HCF 112 T6 (A3:8) F400 (42º)	11	46,47	46,95	46.814,99	299,03	8,45	-	1,00
HCF 125 T6 (A3:4) F400 (20º)	3	53,80	57,62	16.000	294,06	2,50	-	1,00
HCF 125 T6 (A3:4) F400 (22º)	3	53,77	57	26.654,60	227,73	3,10	-	1,00
HCF 125 T6 (A3:4) F400 (24º)	4	53,78	56,71	30.129,23	222,05	3,46	-	1,00
HCF 125 T6 (A3:4) F400 (26º)	4	53,18	55,80	33.080,89	223,68	3,88	-	1,00
HCF 125 T6 (A3:4) F400 (28º)	4	52,38	54,69	35.846,93	227,96	4,34	-	1,00
HCF 125 T6 (A3:4) F400 (30º)	5,50	52,48	54,54	37.887,16	237,03	4,75	-	1,00
HCF 125 T6 (A3:4) F400 (32º)	5,50	50,91	52,70	40.142,76	240,63	5,26	-	1,00
HCF 125 T6 (A3:4) F400 (34º)	5,50	48,70	50,17	42.431,82	244,37	5,89	-	1,00
HCF 125 T6 (A3:4) F400 (36º)	7,50	46,72	47,97	44.903,02	241,95	6,40	-	1,00
HCF 125 T6 (A3:4) F400 (38º)	7,50	44,94	45,92	49.891,55	225,54	7,05	-	1,00
HCF 125 T6 (A3:4) F400 (40º)	7,50	41,77	42,48	53.076,30	216,91	7,76	-	1,00
HCF 125 T6 (A3:8) F400 (20º)	5,50	54,82	56,84	28.716,26	329,81	4,81	-	1,00
HCF 125 T6 (A3:8) F400 (22º)	5,50	58,20	59,98	32.165,87	341,03	5,25	-	1,00
HCF 125 T6 (A3:8) F400 (24º)	5,50	57,14	58,63	35.561,95	335,93	5,84	-	1,00
HCF 125 T6 (A3:8) F400 (26º)	7,50	56,96	58,22	39.094,02	331,72	6,38	-	1,00
HCF 125 T6 (A3:8) F400 (28º)	7,50	55,88	56,85	42.485,61	331,26	7,08	-	1,00
HCF 125 T6 (A3:8) F400 (30º)	7,50	54,75	55,44	45.722,51	332,64	7,85	-	1,00
HCF 125 T6 (A3:8) F400 (32º)	11	53,25	53,63	48.156,13	347,56	8,78	-	1,00
HCF 125 T6 (A3:8) F400 (34º)	11	51,48	51,55	50.671,24	360,10	9,81	-	1,00
HCF 125 T6 (A3:8) F400 (36º)	11	49,88	49,91	53.155,55	367,62	10,78	-	1,00
HCF 125 T6 (A3:8) F400 (38º)	11	48,38	48,35	55.698,31	369,31	11,64	-	1,00
HCF 125 T6 (A3:8) F400 (40º)	15	48,51	48,42	58.270,22	371,52	12,52	-	1,00

Model	Motor power (kW)	Maximum efficiency point data						
		Max. efficiency (%)	Efficiency grade (N) (N)	Air Flow (m³/h)	Ps (Pa)	Pabs (kW)	speed (rpm)	Specific ratio
HCF 125 T6 (A3:8) F400 (42º)	15	45,98	45,82	63.098,04	356,38	13,73	-	1,00

ERP / 4/8 poles

Model	Motor power (kW)	Maximum efficiency point data						
		Max. efficiency (%)	Efficiency grade (N) (N)	Air Flow (m³/h)	Ps (Pa)	Pabs (kW)	speed (rpm)	Specific ratio
HCF 90 T4/T8 (A3:4) F400 (20º)	2,80	29,95	38,14	7.977,89	69,47	0,51	8p	1,00
HCF 90 T4/T8 (A3:4) F400 (22º)	2,80	38,05	46,18	8.734,21	82,04	0,52	8p	1,00
HCF 90 T4/T8 (A3:4) F400 (24º)	2,80	42,25	50,29	9.442,48	86,64	0,54	8p	1,00
HCF 90 T4/T8 (A3:4) F400 (26º)	2,80	46,08	54,02	10.190,54	90,57	0,56	8p	1,00
HCF 90 T4/T8 (A3:4) F400 (28º)	2,80	49,77	57,60	10.911,87	95,08	0,58	8p	1,00
HCF 90 T4/T8 (A3:4) F400 (30º)	2,80	53,21	60,91	11.607,14	99,75	0,61	8p	1,00
HCF 90 T4/T8 (A3:4) F400 (32º)	2,80	54,19	61,82	12.206,99	99,50	0,62	8p	1,00
HCF 90 T4/T8 (A3:4) F400 (34º)	2,80	55,04	62,59	12.833,01	99,24	0,64	8p	1,00
HCF 90 T4/T8 (A3:4) F400 (36º)	2,80	55,44	62,90	13.548,72	98,31	0,66	8p	1,00
HCF 90 T4/T8 (A3:4) F400 (38º)	2,80	55,41	62,76	14.321,62	97,01	0,69	8p	1,00
HCF 90 T4/T8 (A3:4) F400 (40º)	2,80	56,99	64,23	15.299,07	94,86	0,72	8p	1,00
HCF 90 T4/T8 (A3:4) F400 (42º)	2,80	55,92	63,05	16.653,43	89,21	0,75	8p	1,00
HCF 90 T4/T8 (A3:4) F400 (20º)	2,80	110,70	116,75	15.955,78	277,88	1,11	4p	1,00
HCF 90 T4/T8 (A3:4) F400 (22º)	2,80	130,30	136,08	17.468,42	328,17	1,22	4p	1,00