

BOX HBX (ATEX)



ATEX INLINE SOUNDPROOF CABINET AXIAL

MANUFACTURING FEATURES

- BOX: Soundproof galvanised steel box with thermo-acoustic insulation, Bs1d0 fire class. Easy motor access and fan maintenance through removable panels.
- Internal fan coil round frame reinforced with intermediate rib and sparking aluminum ring. Modular design of the motor impeller assembly allows complete versatility in case of any change. Aluminum impeller variable pitch angle. Corrosion-resistant powder coat polyester resin.
- Motor ATEX asíncrono normalizado. Certificado según zona indicada, IP55 and class F insulation. Manufactured with standard voltages: 230/400V 50Hz for three phase motors up to 4kW and 400/690V 50Hz for higher powers.

APPLICATIONS

Designed for wall or duct installation, indoor or outdoor assembly, they are suitable for:

- Air renewal in buildings and industries.
- Smoke extraction (max 40°C).
- Ventilation in indoor environments classified as ATEX
- Working temperature: ambient from -20°C to 40°C

UNDER REQUEST

- B form or 100% reversible impeller.
- 60 Hz fans and special voltages.

ORGANISM: L.O.M.

CERTIFICAT N°: LOM 17.755X-C

In compliance with the Directive 2014/34/UE

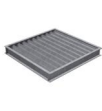
Accessories



AVR



AVS



**CMP-H
UT**



**INT
ATEX**



JE 45



SFC



VISB

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
	BOX HBX 45 T4 (A0:6)	35° - 40°	0,25	0,25	6.360	44	44,21	1
	BOX HBX 45 T4 (A5:6)	25° - 45°	0,25	0,55	6.760	48	46,40	1
	BOX HBX 50 T4 (A0:6)	35° - 40°	0,37	0,37	8.140	45	48,26	1
	BOX HBX 50 T4 (A5:6)	25° - 45°	0,25	0,75	9.420	51	50,62	1
	BOX HBX 56 T4 (A5:6)	20° - 45°	0,37	2,20	14.640	67	62,94	1
	BOX HBX 63 T4 (A5:6)	20° - 45°	0,55	3,00	20.350	71	64,98	1
	BOX HBX 71 T4 (A5:6)	20° - 45°	0,75	4,00	27.520	76	81,36	1
	BOX HBX 80 T4 (A5:6)	20° - 40°	1,10	4,00	34.470	68	87,79	1
	BOX HBX 90 T4 (A6:3)	20° - 42°	3,00	15,00	50.950	69	184,31	1
	BOX HBX 90 T4 (A6:6)	20° - 42°	3,00	15,00	58.310	70	189,61	1
	BOX HBX 100 T4 (A6:3)	20° - 42°	5,50	22,00	69.340	69	201,69	1
	BOX HBX 100 T4 (A6:6)	20° - 42°	5,50	22,00	81.210	73	207,69	1
	BOX HBX 112 T4 (A6:3)	20° - 42°	5,50	37,00	92.050	71	274,14	1
	BOX HBX 112 T4 (A6:6)	20° - 42°	5,50	37,00	109.010	75	280,64	1
	BOX HBX 125 T4 (A7:4)	20° - 42°	7,50	45,00	132.010	80	287,09	1
	BOX HBX 125 T4 (A7:8)	20° - 42°	11,00	45,00	151.010	85	295,99	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
	BOX HBX 45 T6 (A0:6)	35° - 40°	0,25	0,25	4.120	35	44,21	1
	BOX HBX 45 T6 (A5:6)	25° - 45°	0,25	0,25	4.380	39	46,40	1
	BOX HBX 50 T6 (A0:6)	35° - 40°	0,25	0,25	5.270	36	48,26	1
	BOX HBX 50 T6 (A5:6)	25° - 45°	0,25	0,25	6.100	42	50,62	1
	BOX HBX 56 T6 (A5:6)	20° - 45°	0,25	0,55	9.760	64	62,94	1
	BOX HBX 63 T6 (A5:6)	20° - 45°	0,75	0,75	13.570	68	64,98	1
	BOX HBX 71 T6 (A5:6)	20° - 45°	0,75	1,10	18.350	73	81,36	1
	BOX HBX 80 T6 (A5:6)	20° - 45°	0,75	2,20	25.190	69	87,79	1
	BOX HBX 90 T6 (A6:3)	20° - 42°	1,50	4,00	33.010	59	184,31	1
	BOX HBX 90 T6 (A6:6)	20° - 42°	1,50	4,00	37.810	60	189,61	1
	BOX HBX 100 T6 (A6:3)	20° - 42°	3,00	7,50	44.970	60	201,69	1
	BOX HBX 100 T6 (A6:6)	20° - 42°	3,00	7,50	52.610	64	207,69	1
	BOX HBX 112 T6 (A6:3)	20° - 42°	3,00	11,00	59.660	62	274,14	1

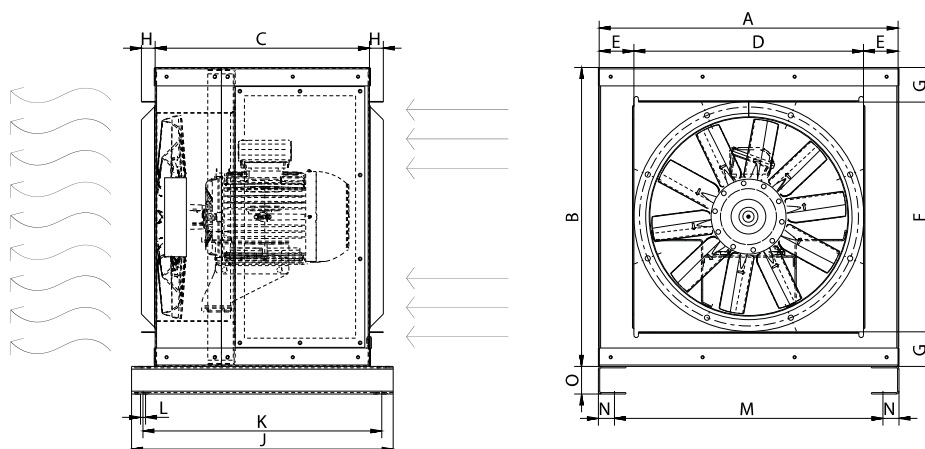
Code	Model	Angle	Min. Rated power kW	Max. Rated power kW	Max. Airflow m³/h	Sound db (A)**	Weight kg	Connect. diagram
	BOX HBX 112 T6 (A6:6)	20° - 42°	3,00	11,00	70.510	66	280,64	1

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	A	B	C	D	E	F	G	H	J
BOX HBX 45 T4 (A0:6)	651	651	467	500	75	500	75	30	570
BOX HBX 45 T4 (A5:6)	651	651	467	500	75	500	75	30	570
BOX HBX 45 T6 (A0:6)	651	651	467	500	75	500	75	30	570
BOX HBX 45 T6 (A5:6)	651	651	467	500	75	500	75	30	570
BOX HBX 50 T4 (A0:6)	651	651	467	500	75	500	75	30	570
BOX HBX 50 T4 (A5:6)	651	651	467	500	75	500	75	30	570
BOX HBX 50 T6 (A0:6)	651	651	467	500	75	500	75	30	570
BOX HBX 50 T6 (A5:6)	651	651	467	500	75	500	75	30	570
BOX HBX 56 T4 (A5:6)	781.5	781.5	542	630	76	630	76	30	665
BOX HBX 56 T6 (A5:6)	781.5	781.5	542	630	76	630	76	30	665
BOX HBX 63 T4 (A5:6)	781.5	781.5	542	630	76	630	76	30	665
BOX HBX 63 T6 (A5:6)	781.5	781.5	542	630	76	630	76	30	665
BOX HBX 71 T4 (A5:6)	951.5	951.5	597	800	76	800	76	30	705
BOX HBX 71 T6 (A5:6)	951.5	951.5	597	800	76	800	76	30	705
BOX HBX 80 T4 (A5:6)	951.5	951.5	597	800	76	800	76	30	705
BOX HBX 80 T6 (A5:6)	951.5	951.5	597	800	76	800	76	30	705
BOX HBX 90 T4 (A6:3)	1176.5	1176.5	857	1000	88	1000	88	30	965
BOX HBX 90 T4 (A6:6)	1176.5	1176.5	857	1000	88	1000	88	30	965
BOX HBX 90 T6 (A6:3)	1176.5	1176.5	857	1000	88	1000	88	30	965
BOX HBX 90 T6 (A6:6)	1176.5	1176.5	857	1000	88	1000	88	30	965
BOX HBX 100 T4 (A6:3)	1176.5	1176.5	857	1000	88	1000	88	30	965
BOX HBX 100 T4 (A6:6)	1176.5	1176.5	857	1000	88	1000	88	30	965
BOX HBX 100 T6 (A6:3)	1176.5	1176.5	857	1000	88	1000	88	30	965
BOX HBX 100 T6 (A6:6)	1176.5	1176.5	857	1000	88	1000	88	30	965

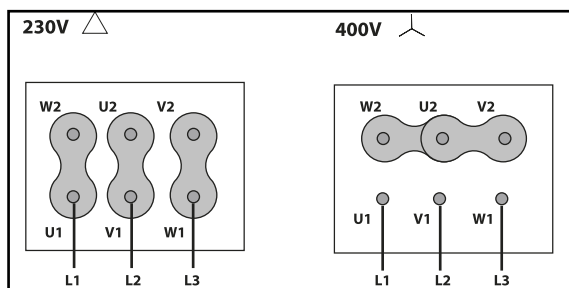
Model	A	B	C	D	E	F	G	H	J
BOX HBX 112 T4 (A6:3)	1416.5	1416.5	1019	1250	83	1250	82	30	1125
BOX HBX 112 T4 (A6:6)	1416.5	1416.5	1019	1250	83	1250	82	30	1125
BOX HBX 112 T6 (A6:3)	1416.5	1416.5	1019	1250	83	1250	82	30	1125
BOX HBX 112 T6 (A6:6)	1416.5	1416.5	1019	1250	83	1250	82	30	1125
BOX HBX 125 T4 (A7:4)	1416.5	1416.5	1019	1250	83	1250	82	30	1125
BOX HBX 125 T4 (A7:8)	1416.5	1416.5	1019	1250	83	1250	82	30	1125

Model	K	L	M	N	O
BOX HBX 45 T4 (A0:6)	520	11	585	35	60
BOX HBX 45 T4 (A5:6)	520	11	585	35	60
BOX HBX 45 T6 (A0:6)	520	11	585	35	60
BOX HBX 45 T6 (A5:6)	520	11	585	35	60
BOX HBX 50 T4 (A0:6)	520	11	585	35	60
BOX HBX 50 T4 (A5:6)	520	11	585	35	60
BOX HBX 50 T6 (A0:6)	520	11	585	35	60
BOX HBX 50 T6 (A5:6)	520	11	585	35	60
BOX HBX 56 T4 (A5:6)	610	11	715	35	60
BOX HBX 56 T6 (A5:6)	610	11	715	35	60
BOX HBX 63 T4 (A5:6)	610	11	715	35	60
BOX HBX 63 T6 (A5:6)	610	11	715	35	60
BOX HBX 71 T4 (A5:6)	650	11	885	35	60
BOX HBX 71 T6 (A5:6)	650	11	885	35	60
BOX HBX 80 T4 (A5:6)	650	11	885	35	60
BOX HBX 80 T6 (A5:6)	650	11	885	35	60
BOX HBX 90 T4 (A6:3)	915	11	1110	35	90
BOX HBX 90 T4 (A6:6)	915	11	1110	35	90
BOX HBX 90 T6 (A6:3)	915	11	1110	35	90
BOX HBX 90 T6 (A6:6)	915	11	1110	35	90
BOX HBX 100 T4 (A6:3)	915	11	1110	35	90
BOX HBX 100 T4 (A6:6)	915	11	1110	35	90
BOX HBX 100 T6 (A6:3)	915	11	1110	35	90
BOX HBX 100 T6 (A6:6)	915	11	1110	35	90
BOX HBX 112 T4 (A6:3)	1075	11	1350	35	90
BOX HBX 112 T4 (A6:6)	1075	11	1350	35	90
BOX HBX 112 T6 (A6:3)	1075	11	1350	35	90
BOX HBX 112 T6 (A6:6)	1075	11	1350	35	90
BOX HBX 125 T4 (A7:4)	1075	11	1350	35	90
BOX HBX 125 T4 (A7:8)	1075	11	1350	35	90

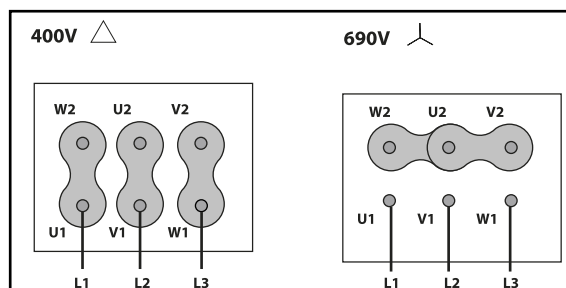
Wiring diagram

Wiring diagram N° 1

230/400V



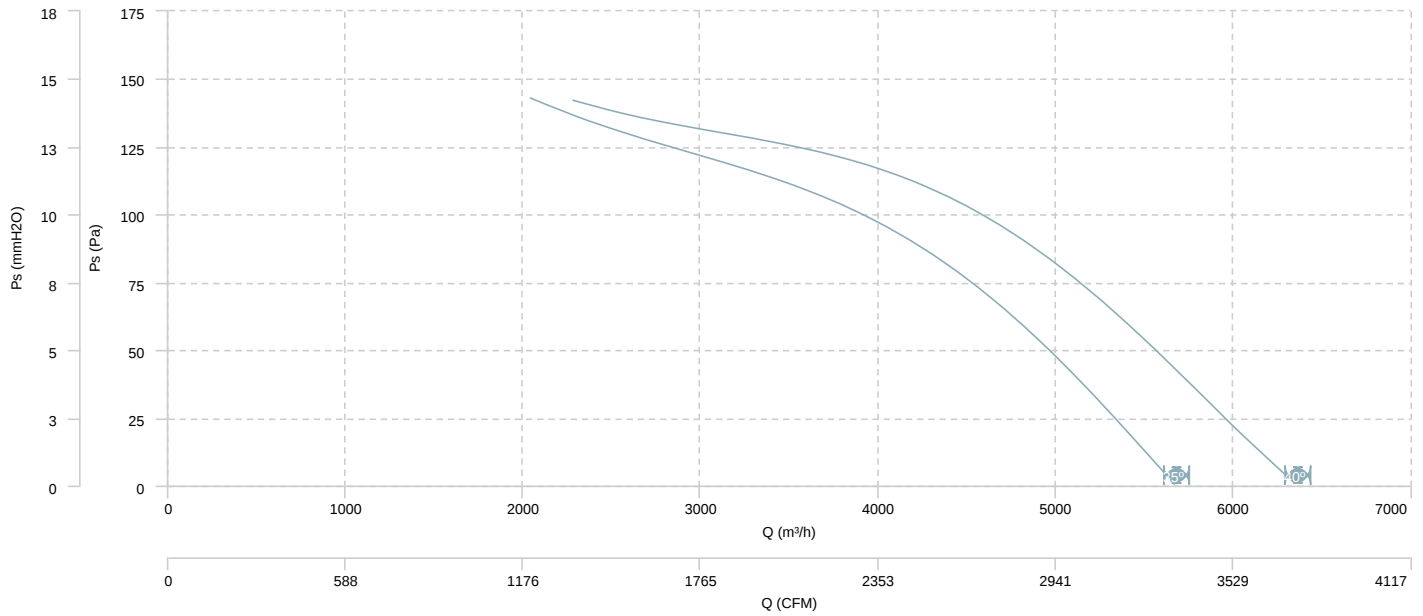
400/690V



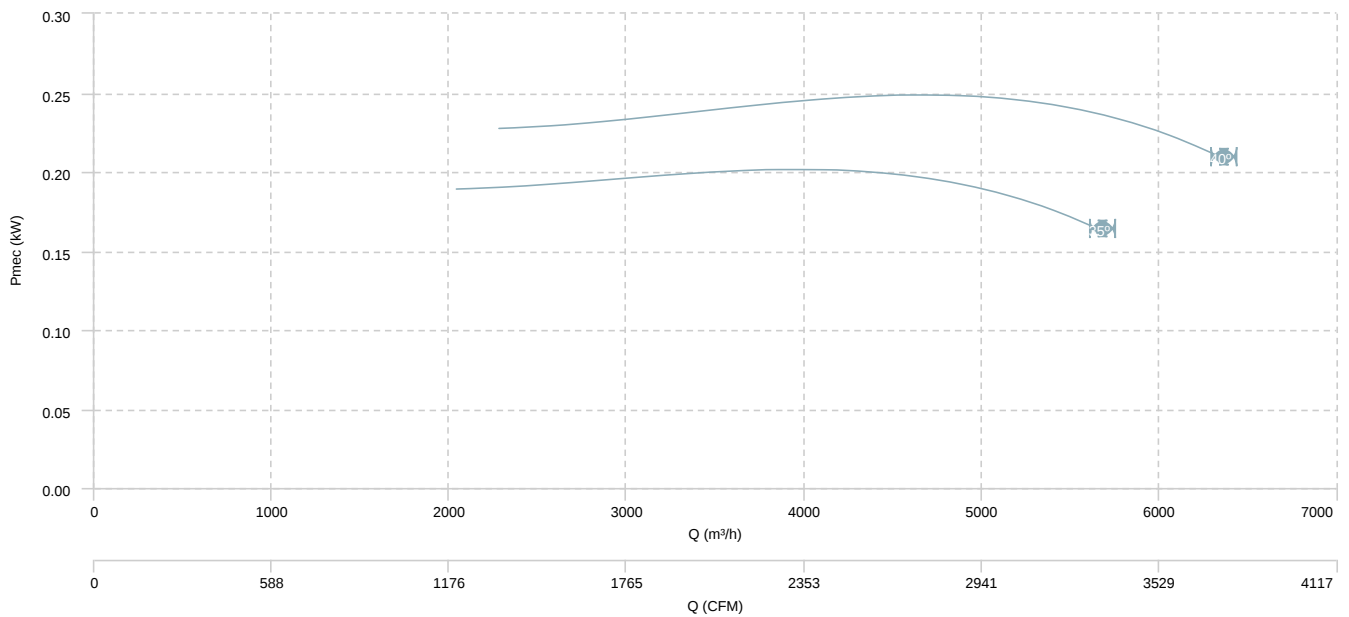
CHARACTERISCTIC CURVE

BOX HBX 45 T4 (A0:6)

AIR FLOW - PRESSURE

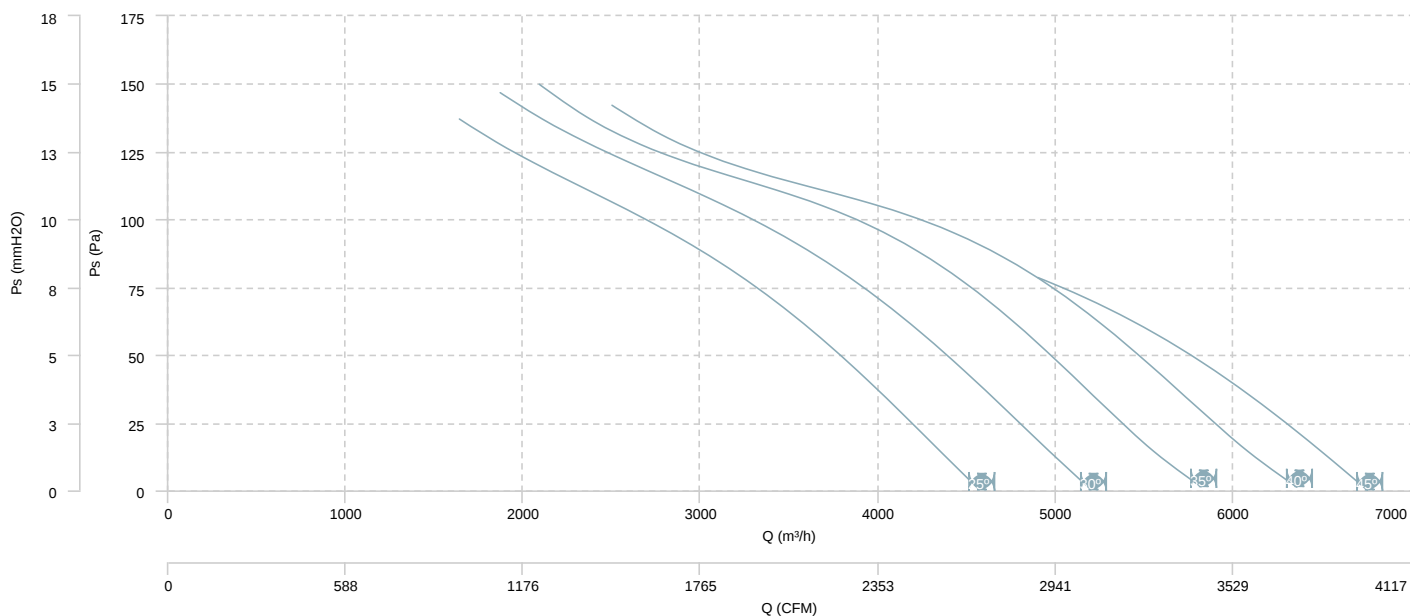


AIR FLOW - MECHANICAL POWER

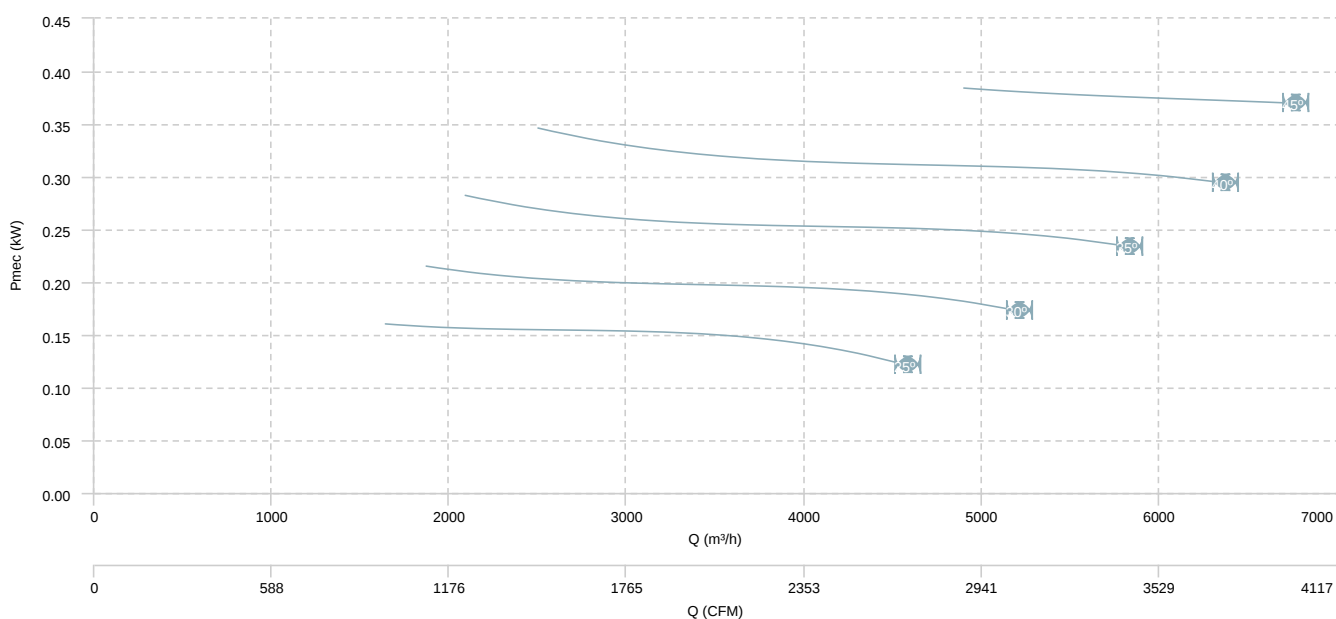


BOX HBX 45 T4 (A5:6)

AIR FLOW - PRESSURE

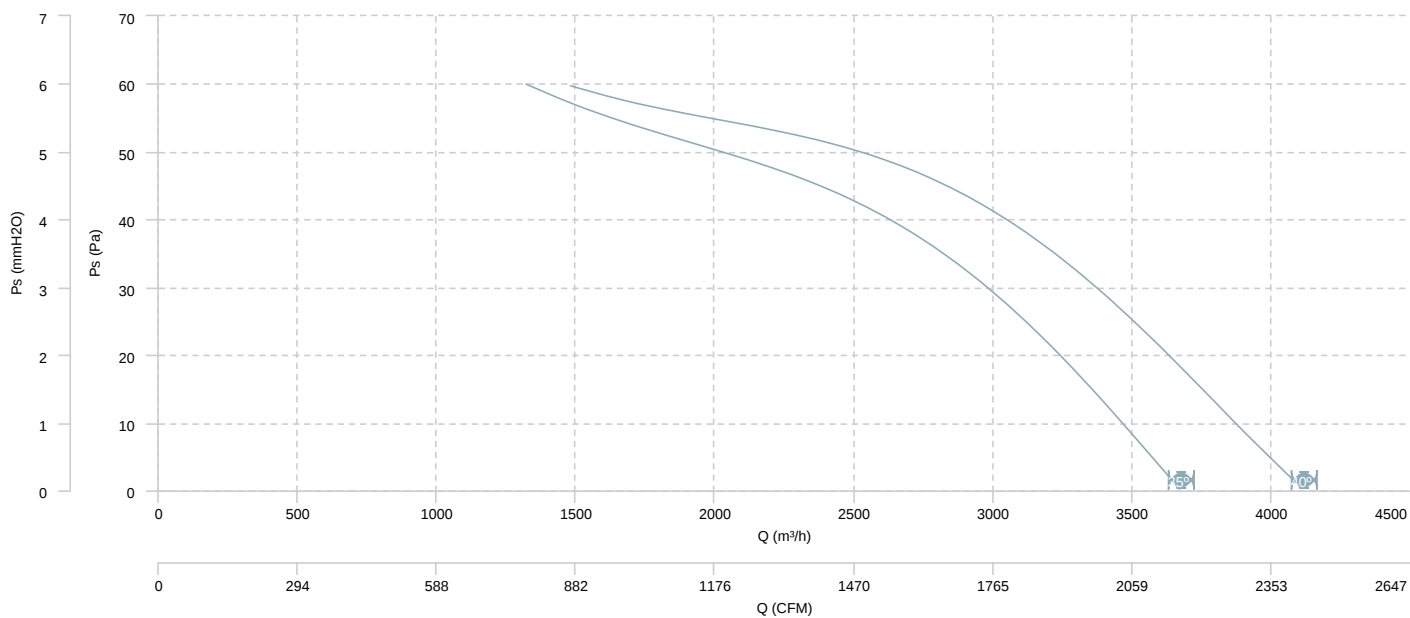


AIR FLOW - MECHANICAL POWER

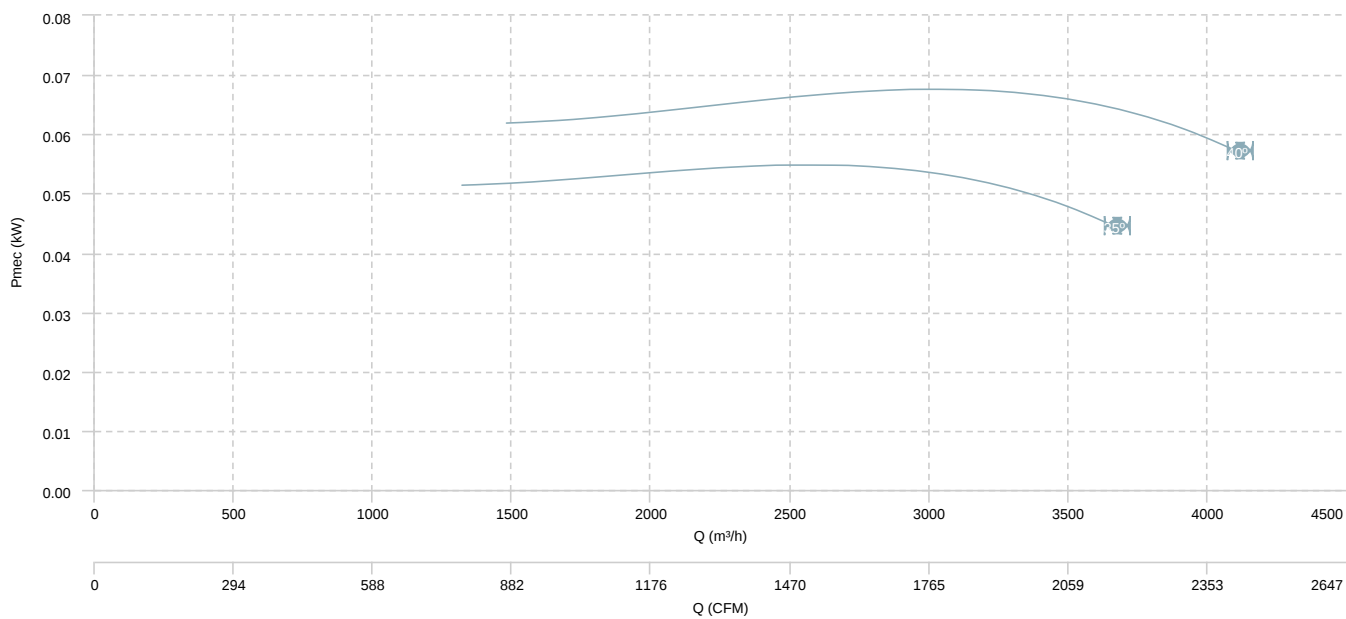


BOX HBX 45 T6 (A0:6)

AIR FLOW - PRESSURE

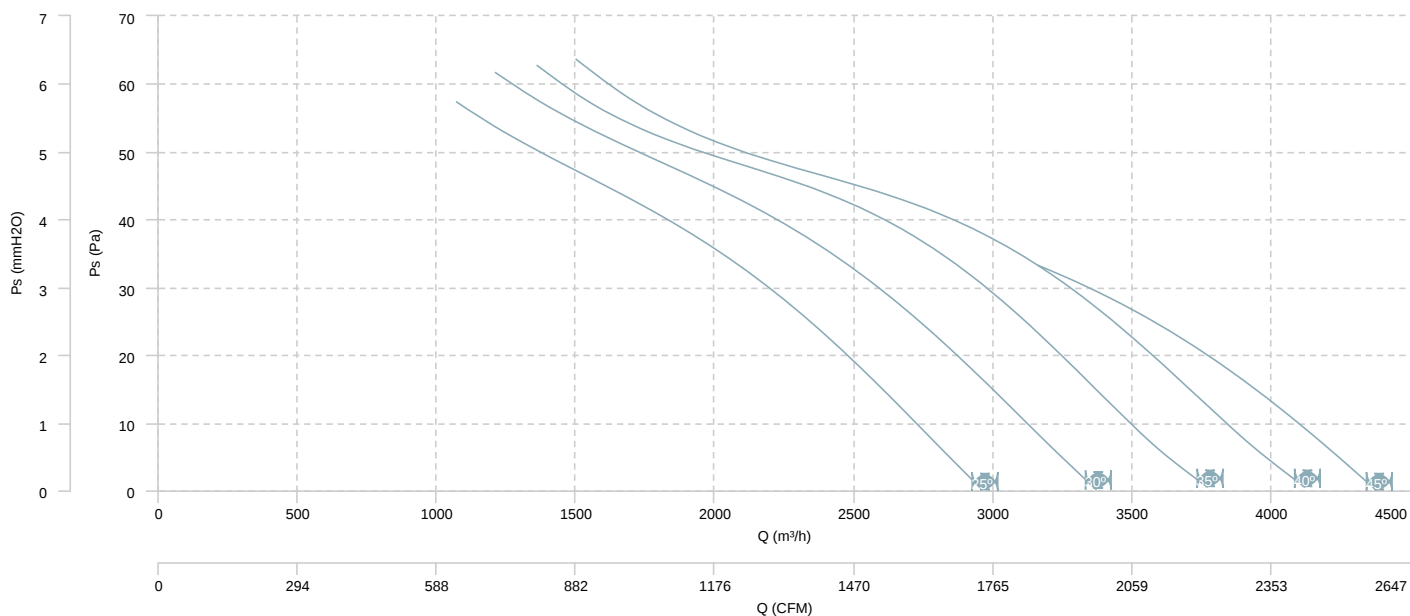


AIR FLOW - MECHANICAL POWER

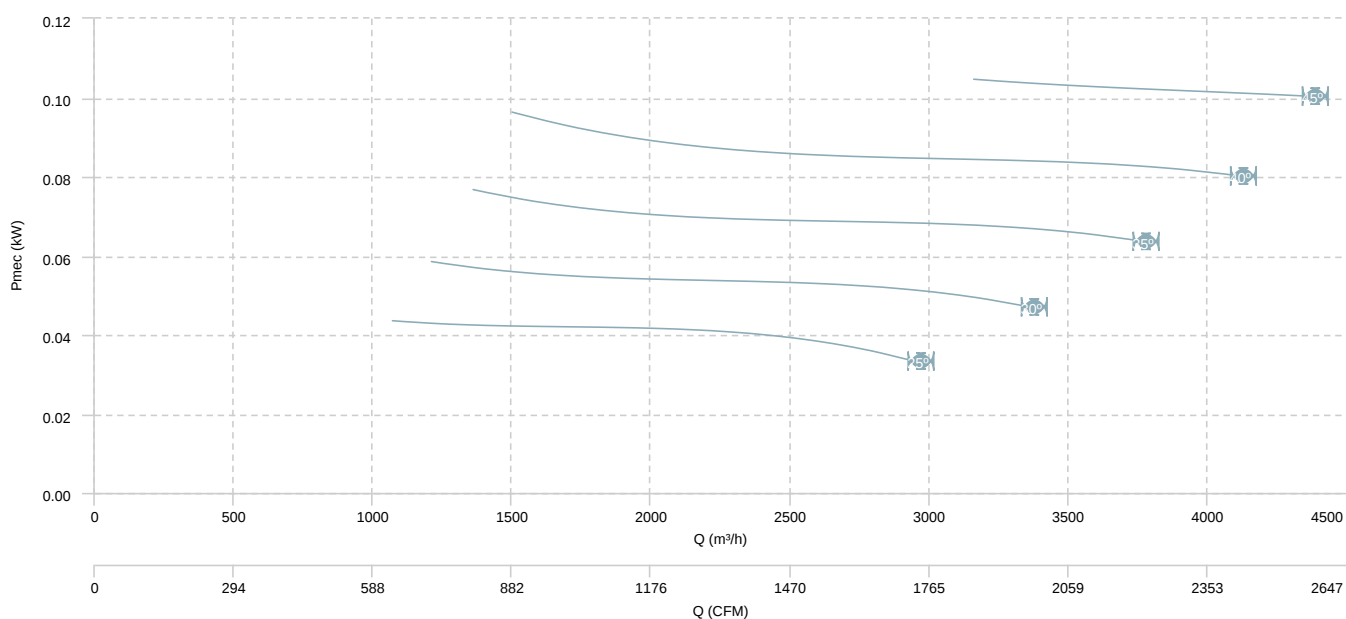


BOX HBX 45 T6 (A5:6)

AIR FLOW - PRESSURE

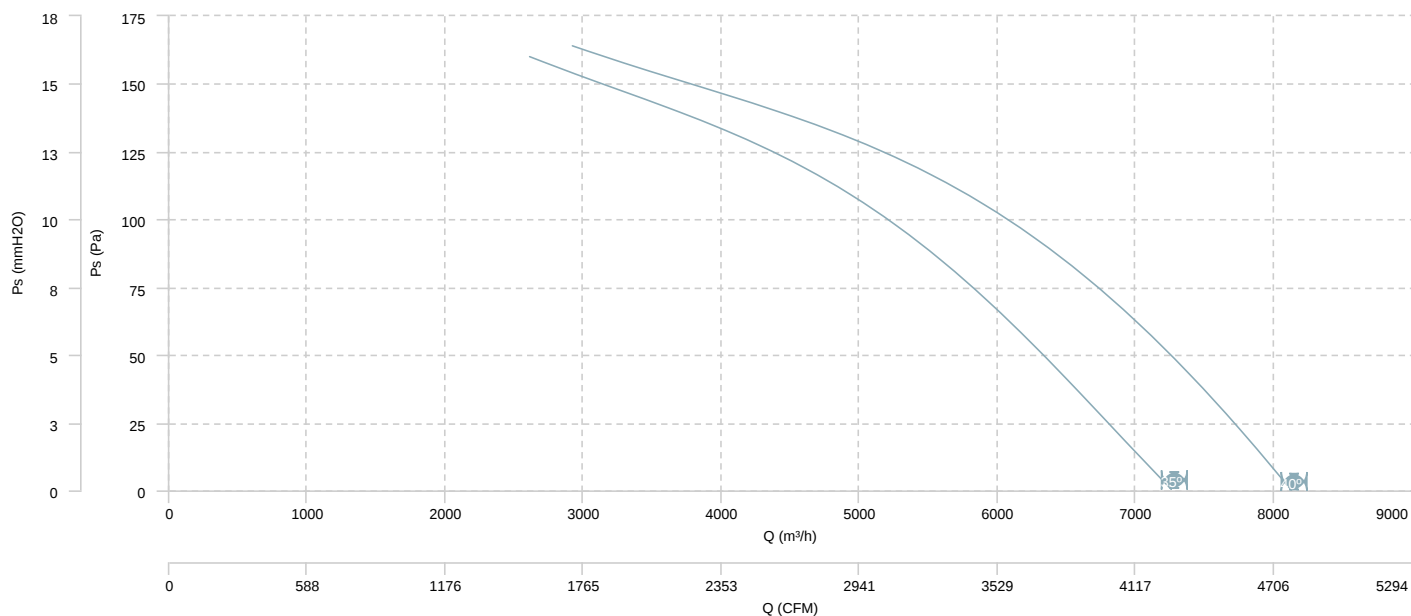


AIR FLOW - MECHANICAL POWER

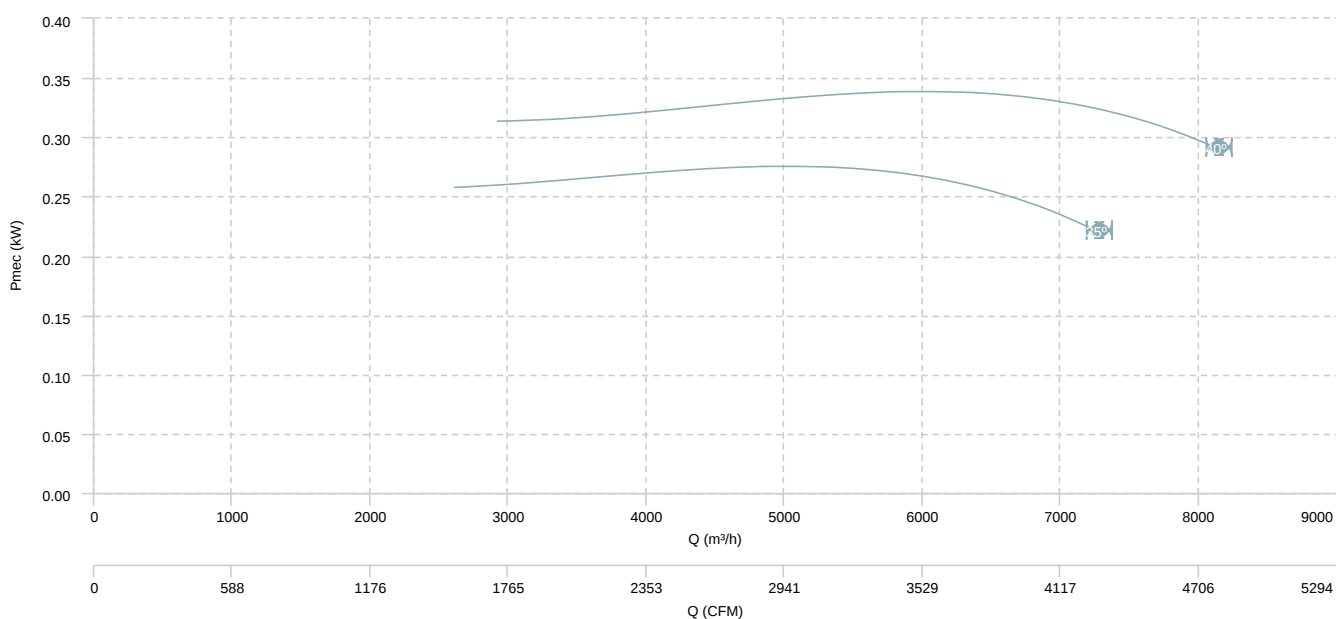


BOX HBX 50 T4 (A0:6)

AIR FLOW - PRESSURE

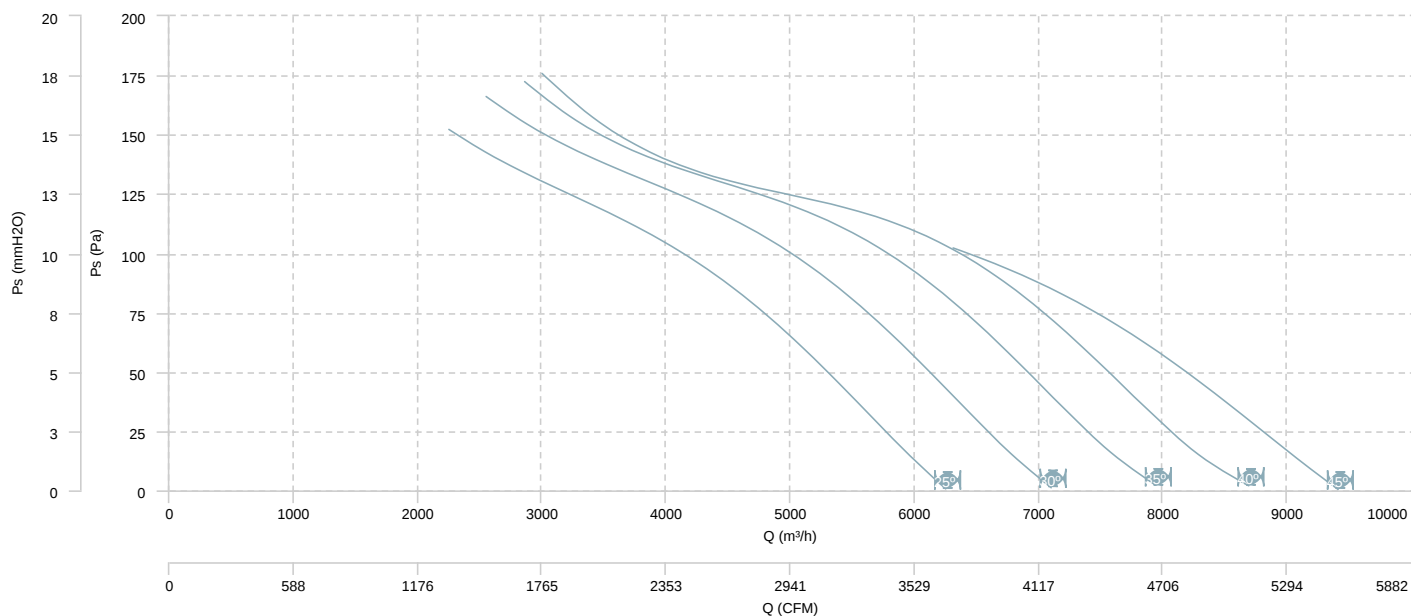


AIR FLOW - MECHANICAL POWER

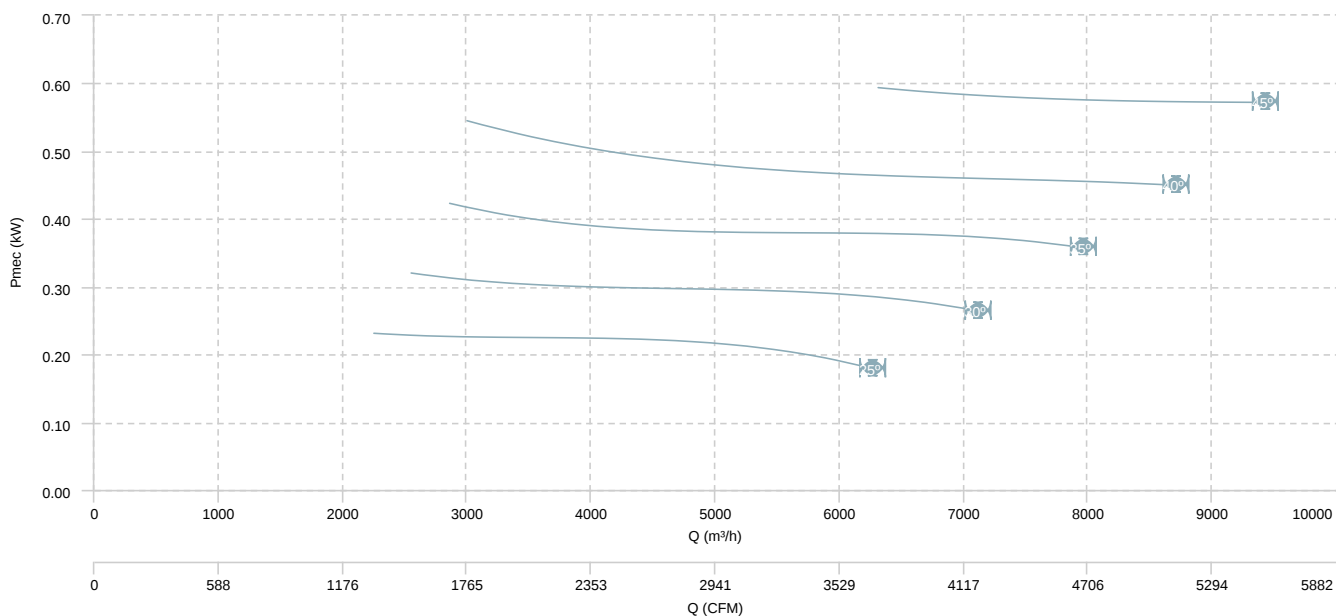


BOX HBX 50 T4 (A5:6)

AIR FLOW - PRESSURE

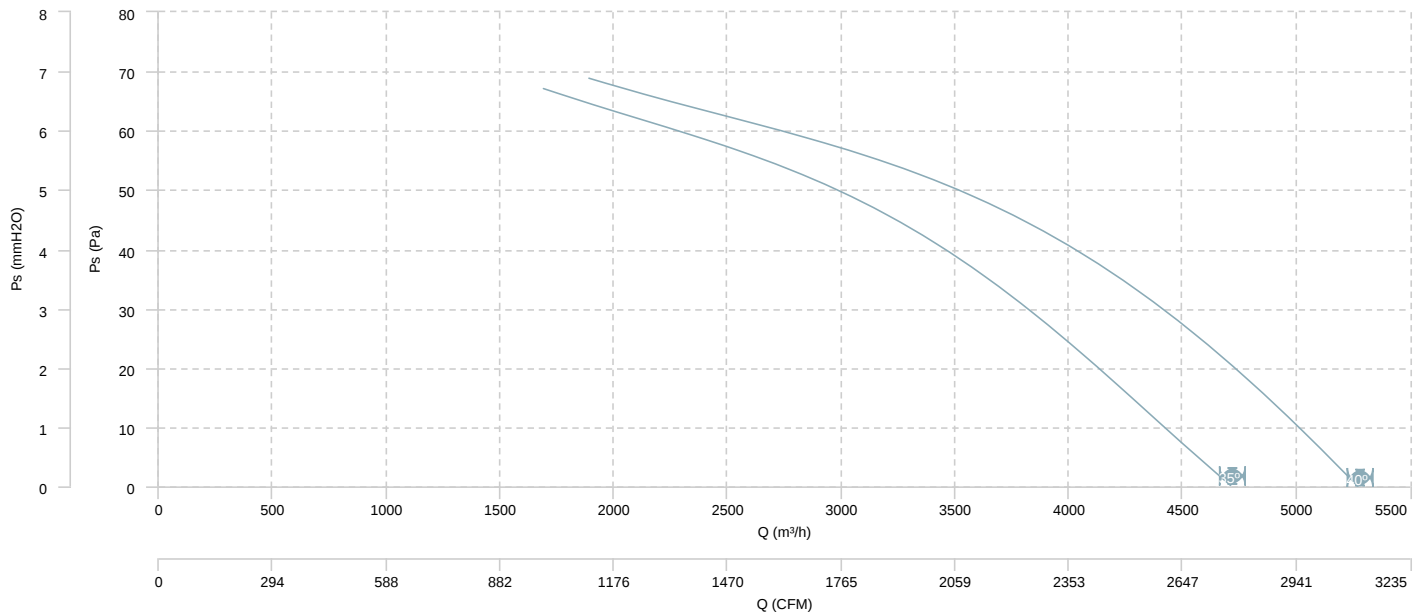


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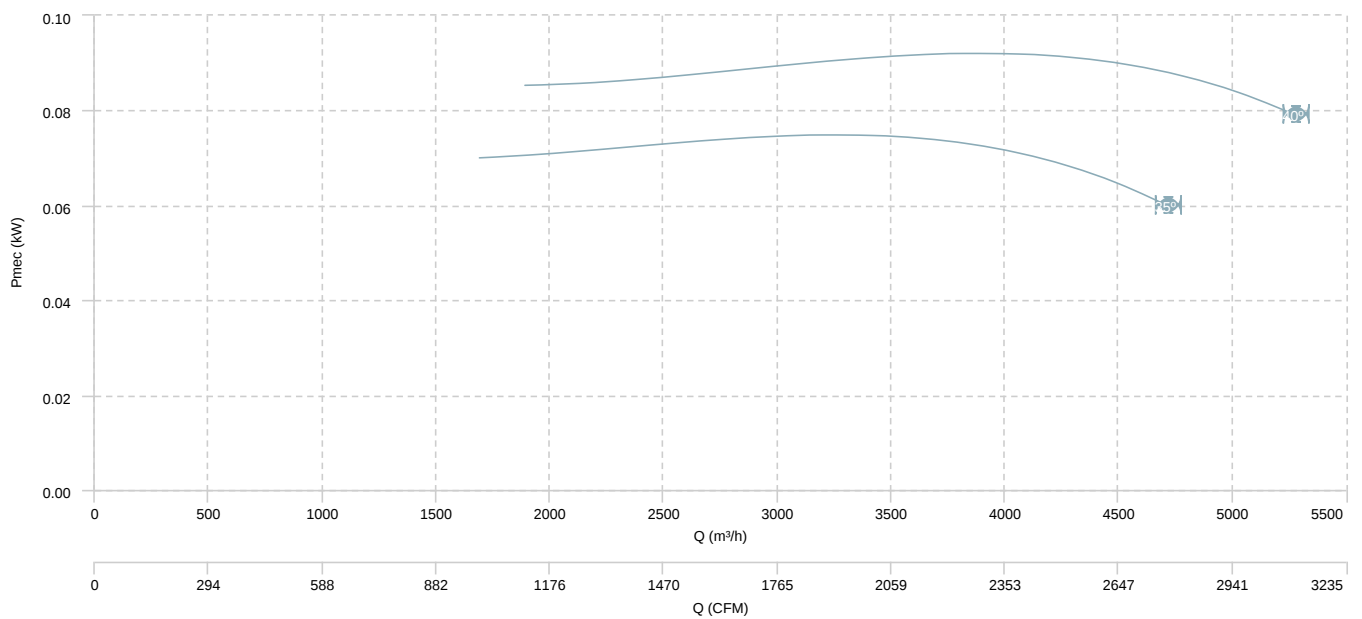


BOX HBX 50 T6 (A0:6)

AIR FLOW - PRESSURE

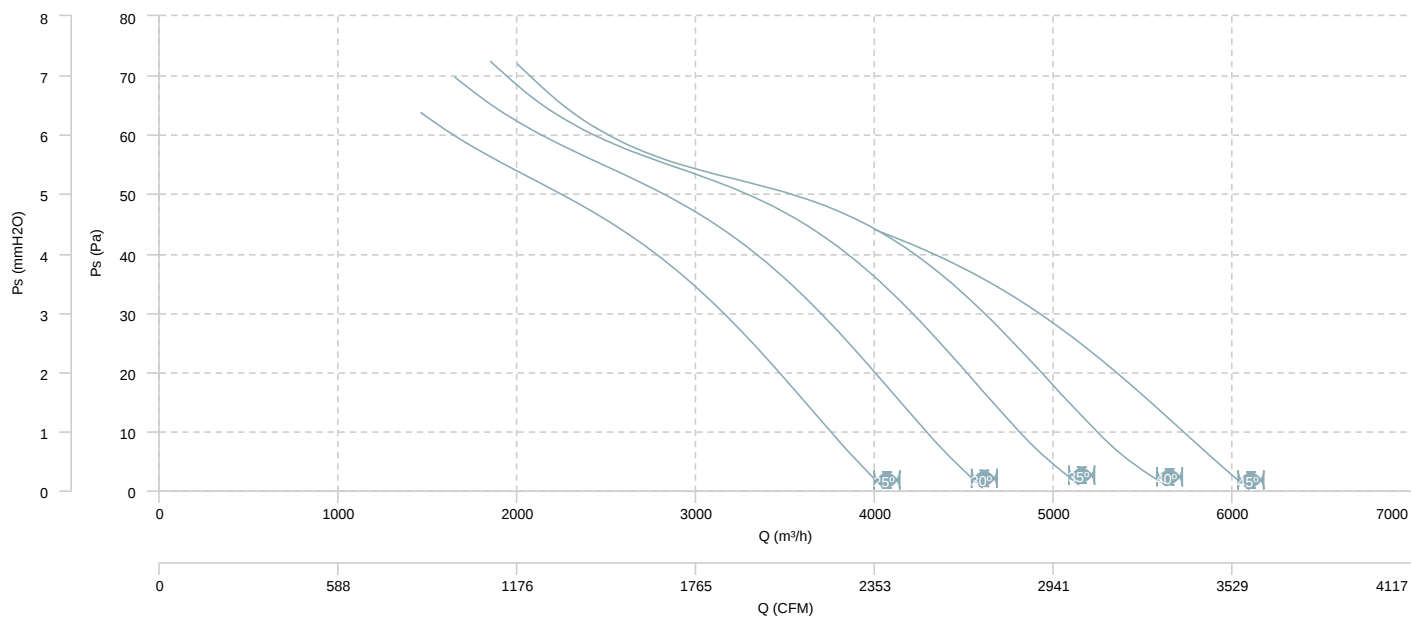


AIR FLOW - MECHANICAL POWER

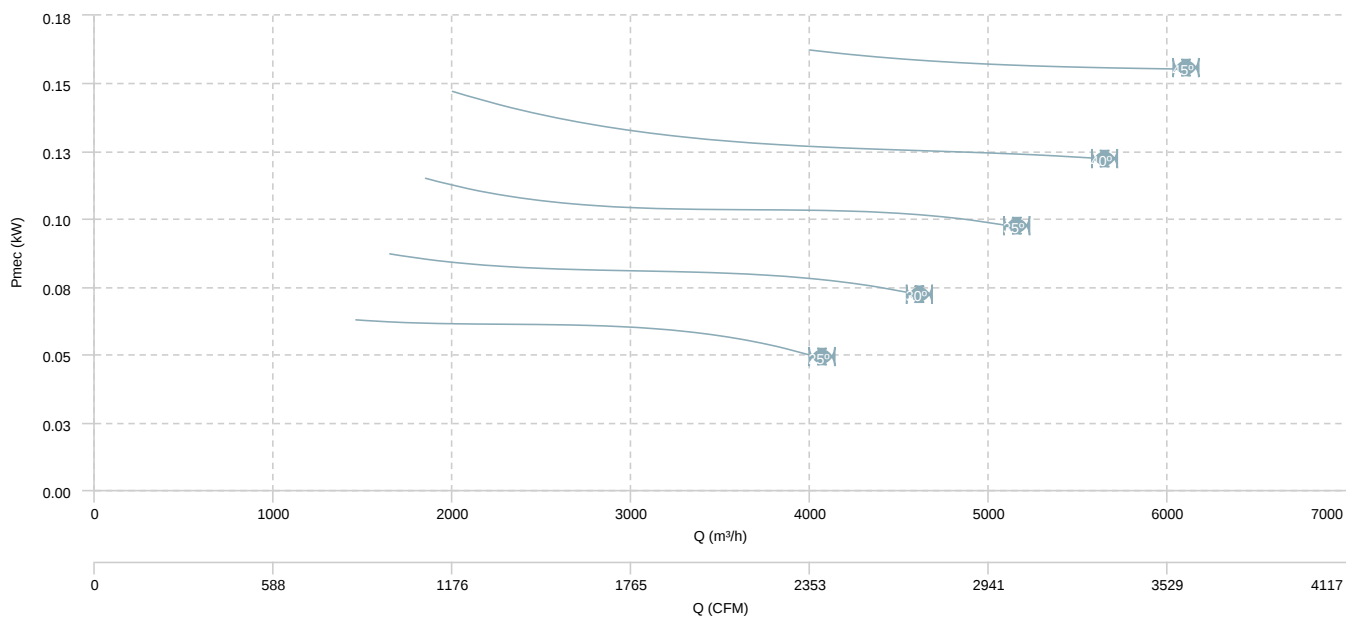


BOX HBX 50 T6 (A5:6)

AIR FLOW - PRESSURE

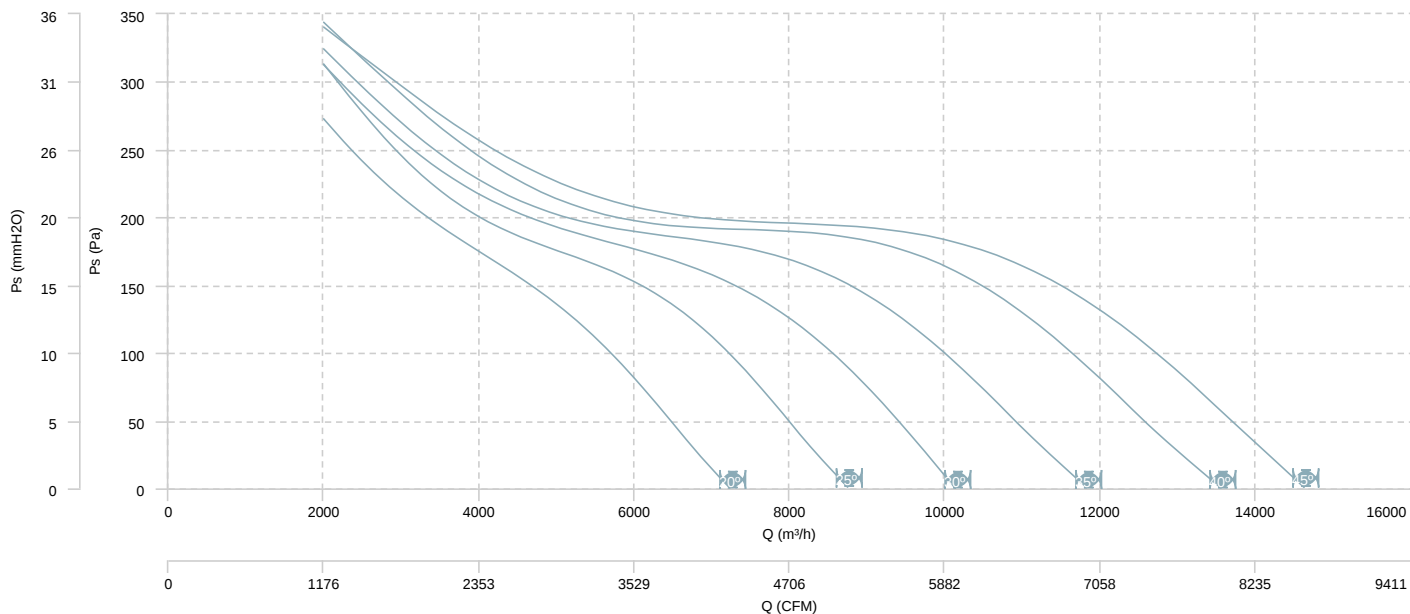


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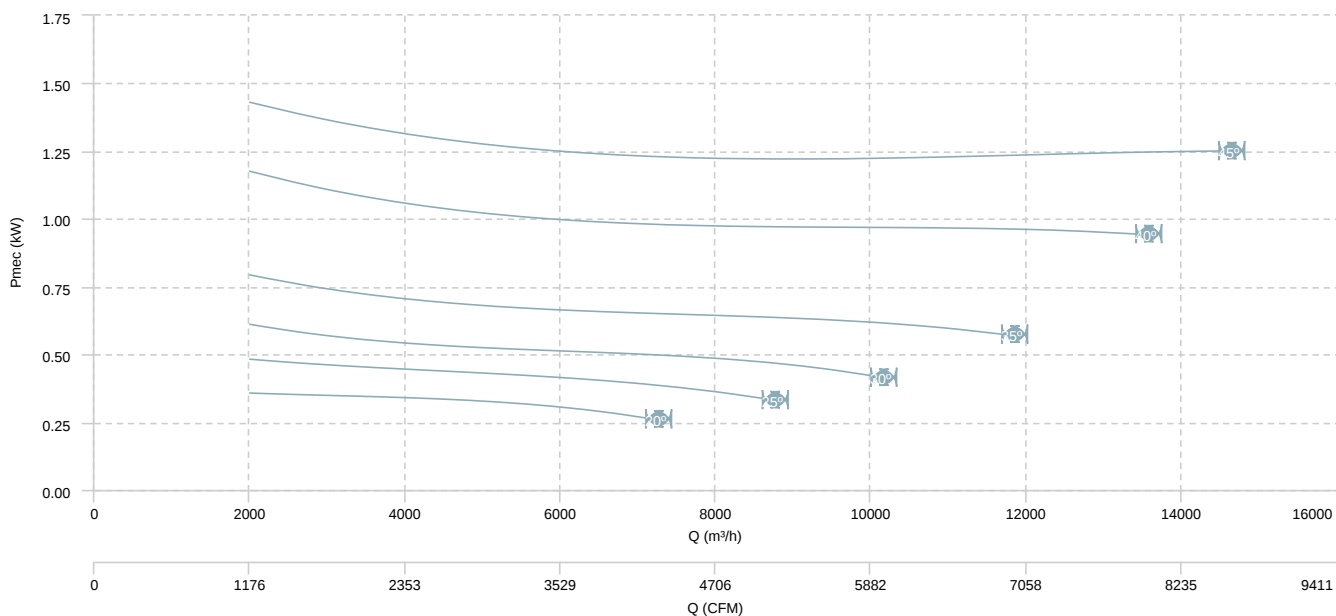


BOX HBX 56 T4 (A5:6)

AIR FLOW - PRESSURE

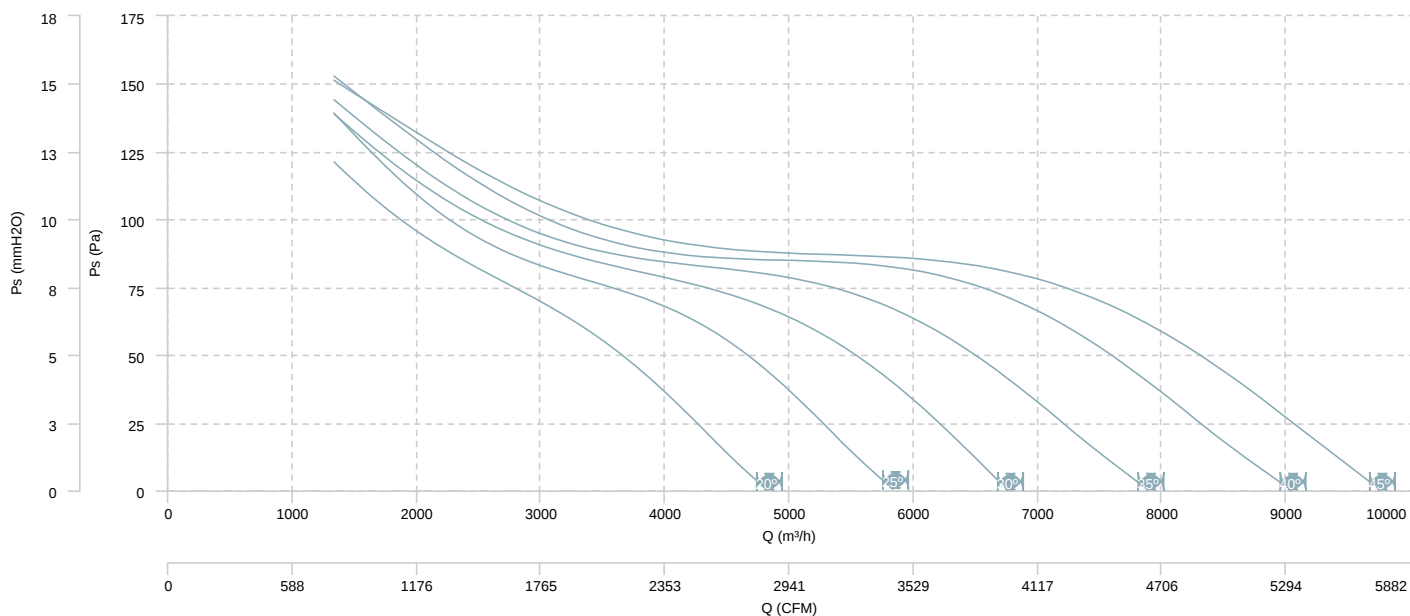


AIR FLOW - MECHANICAL POWER

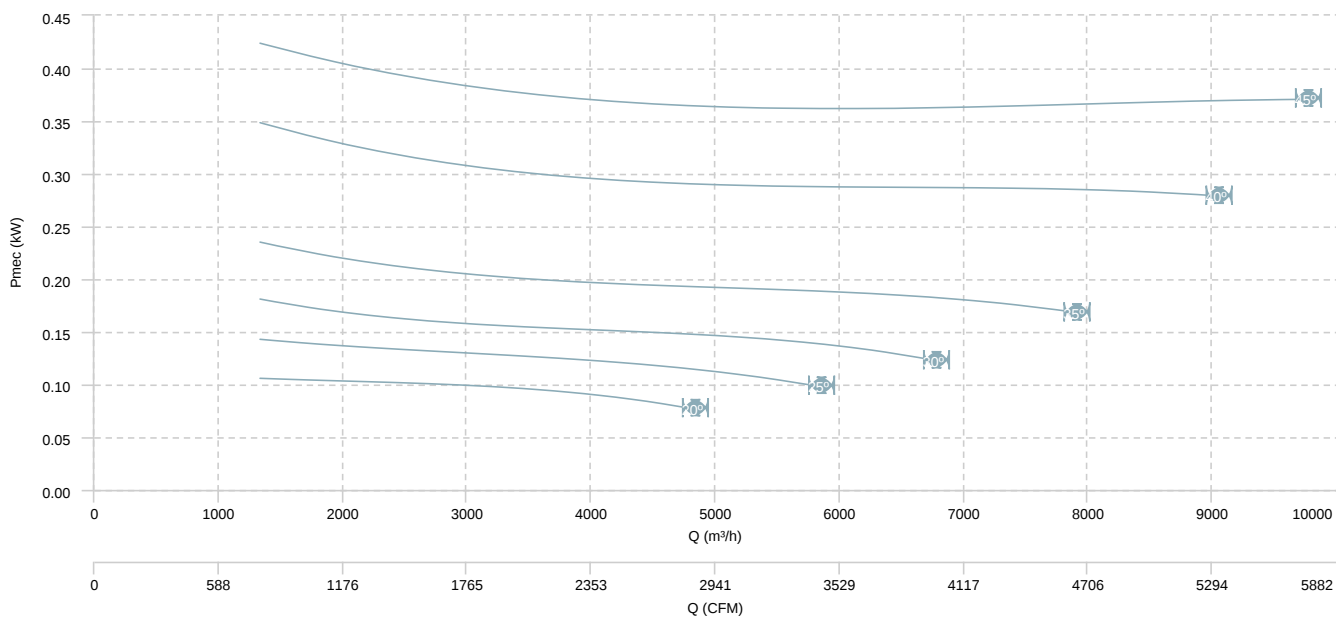


BOX HBX 56 T6 (A5:6)

AIR FLOW - PRESSURE

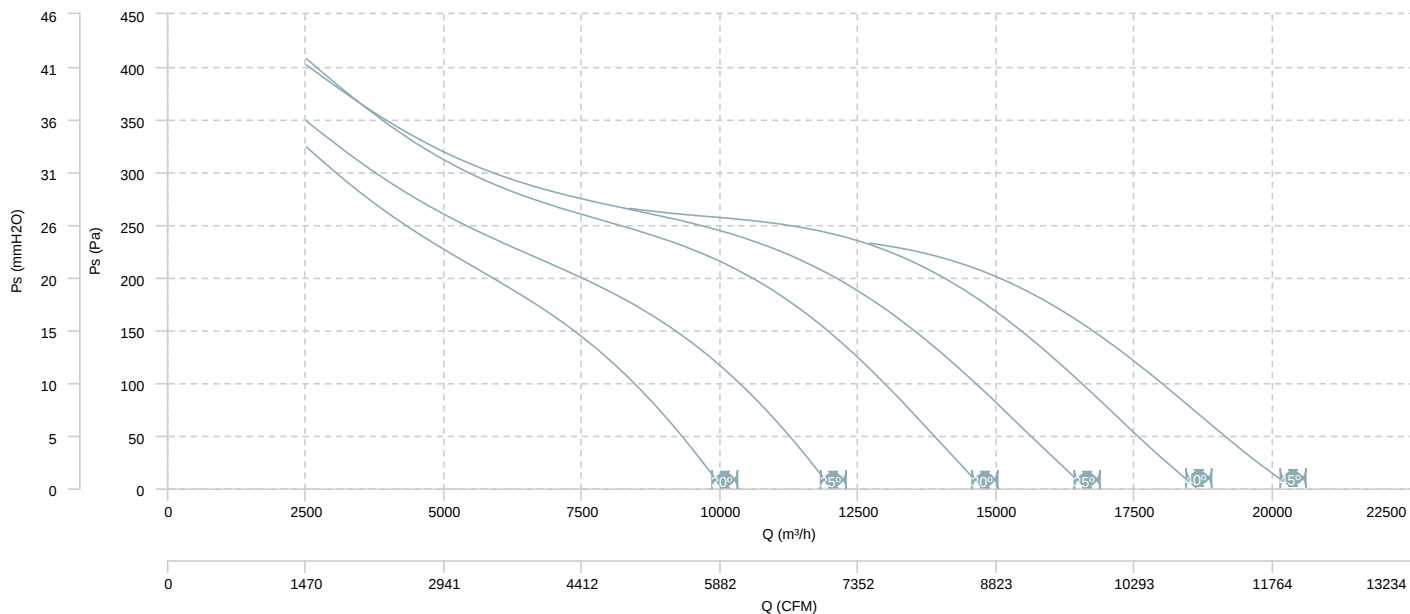


AIR FLOW - MECHANICAL POWER

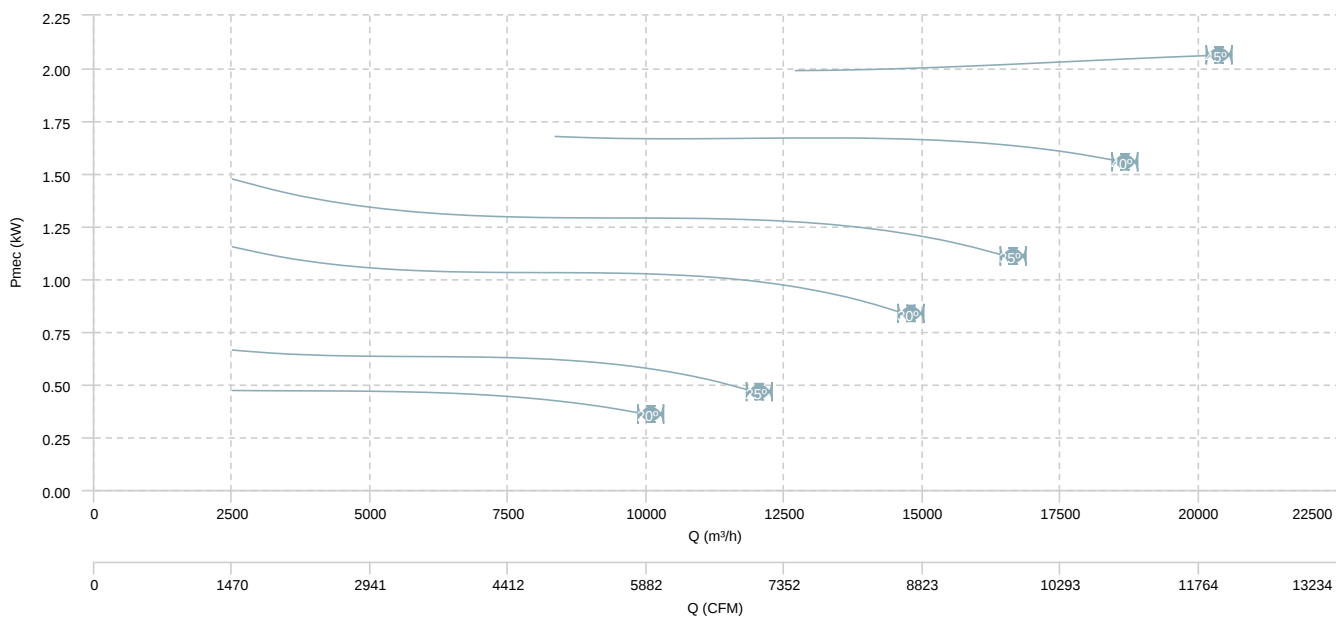


BOX HBX 63 T4 (A5:6)

AIR FLOW - PRESSURE

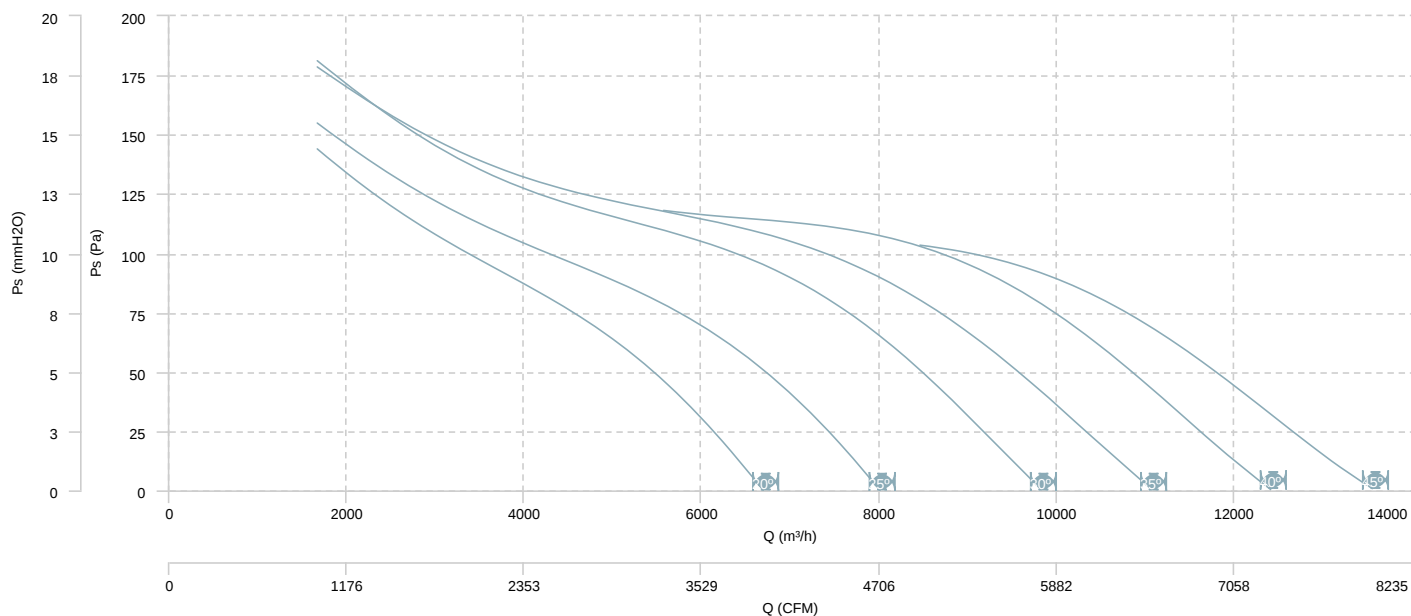


AIR FLOW - MECHANICAL POWER

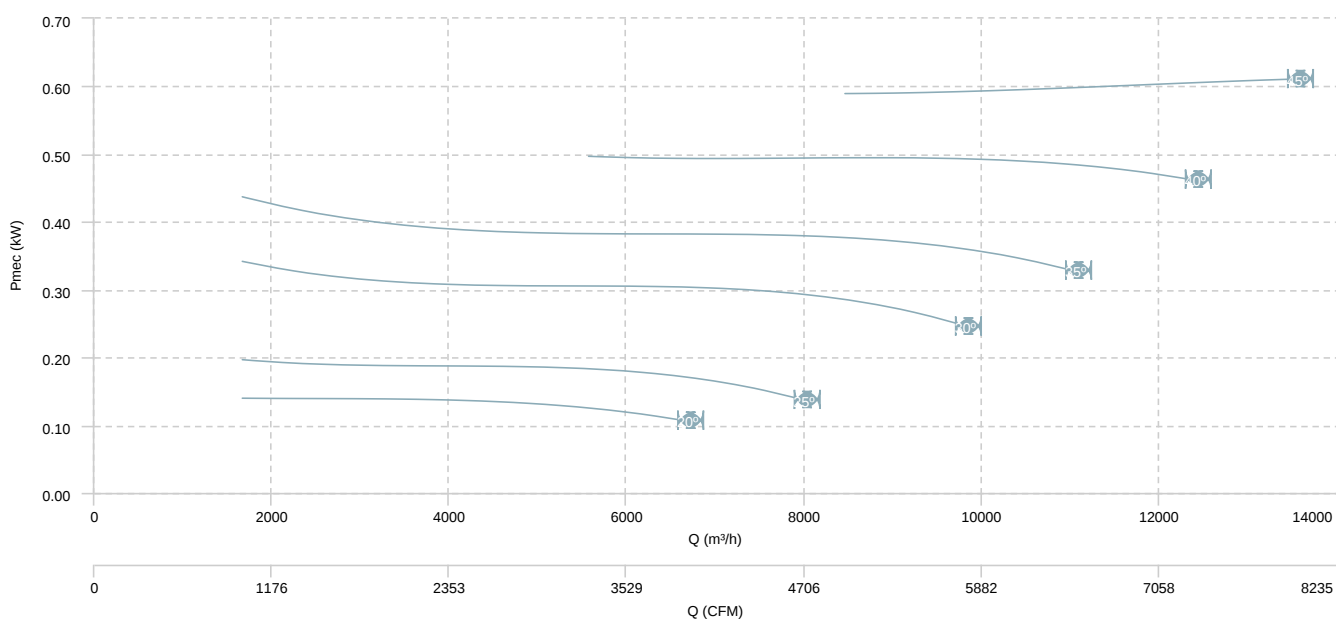


BOX HBX 63 T6 (A5:6)

AIR FLOW - PRESSURE

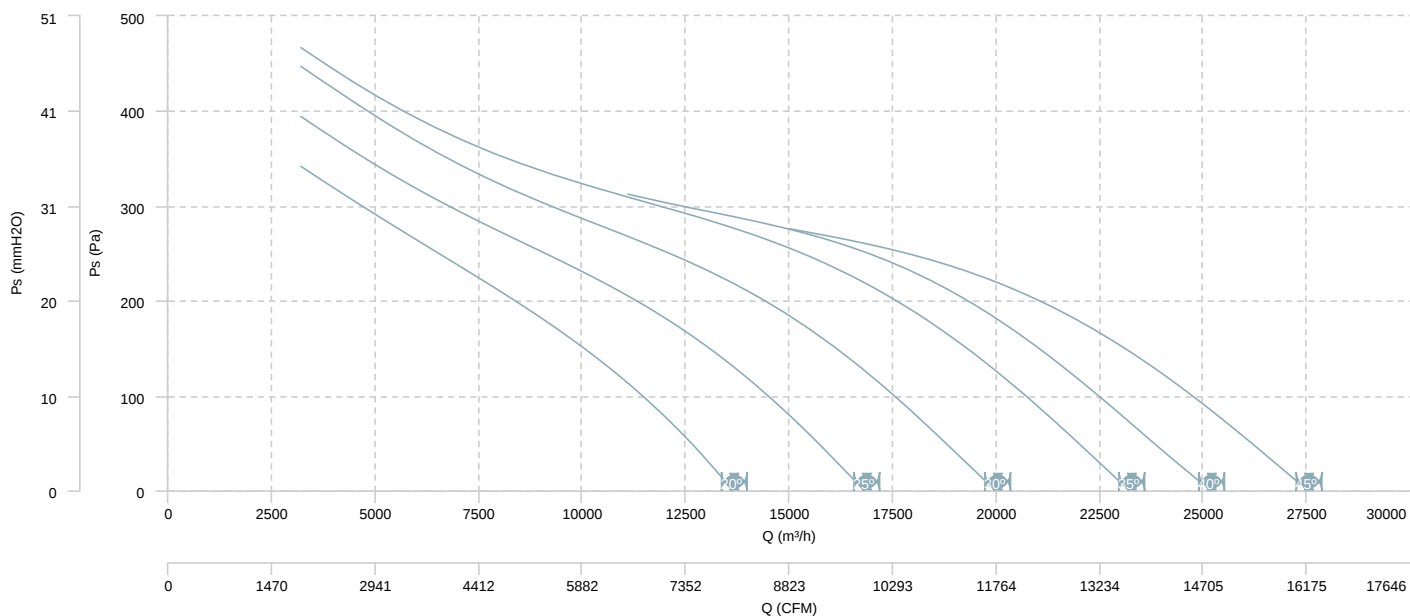


AIR FLOW - MECHANICAL POWER

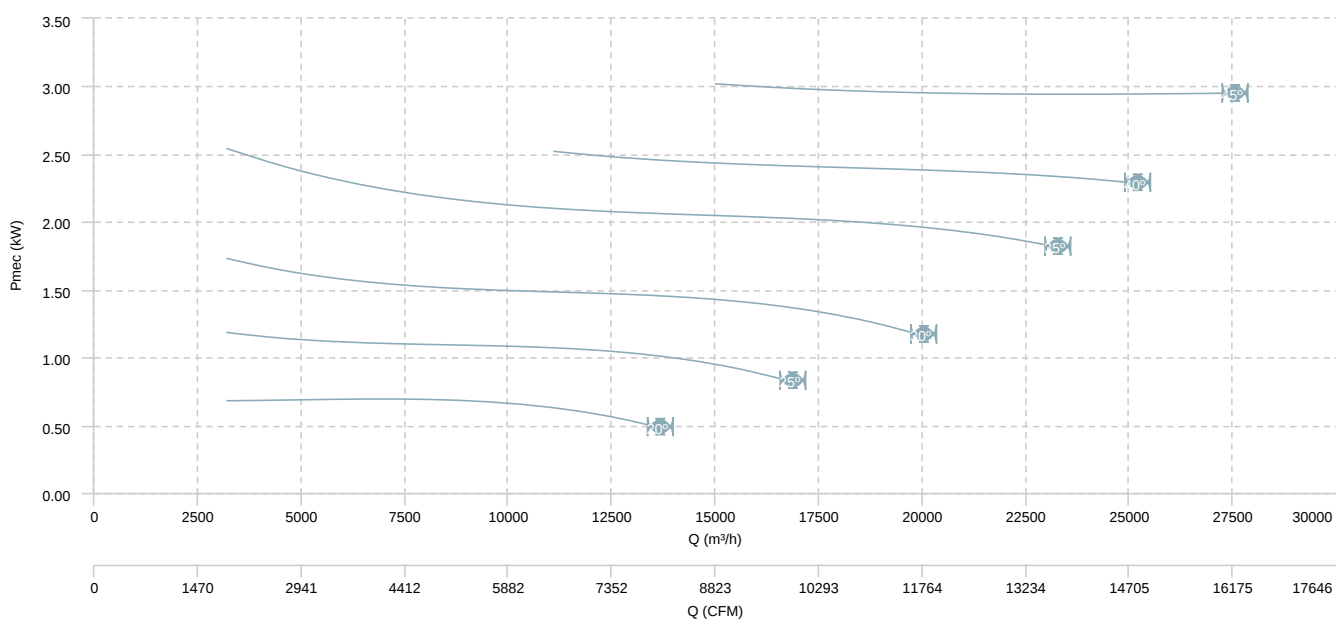


BOX HBX 71 T4 (A5:6)

AIR FLOW - PRESSURE

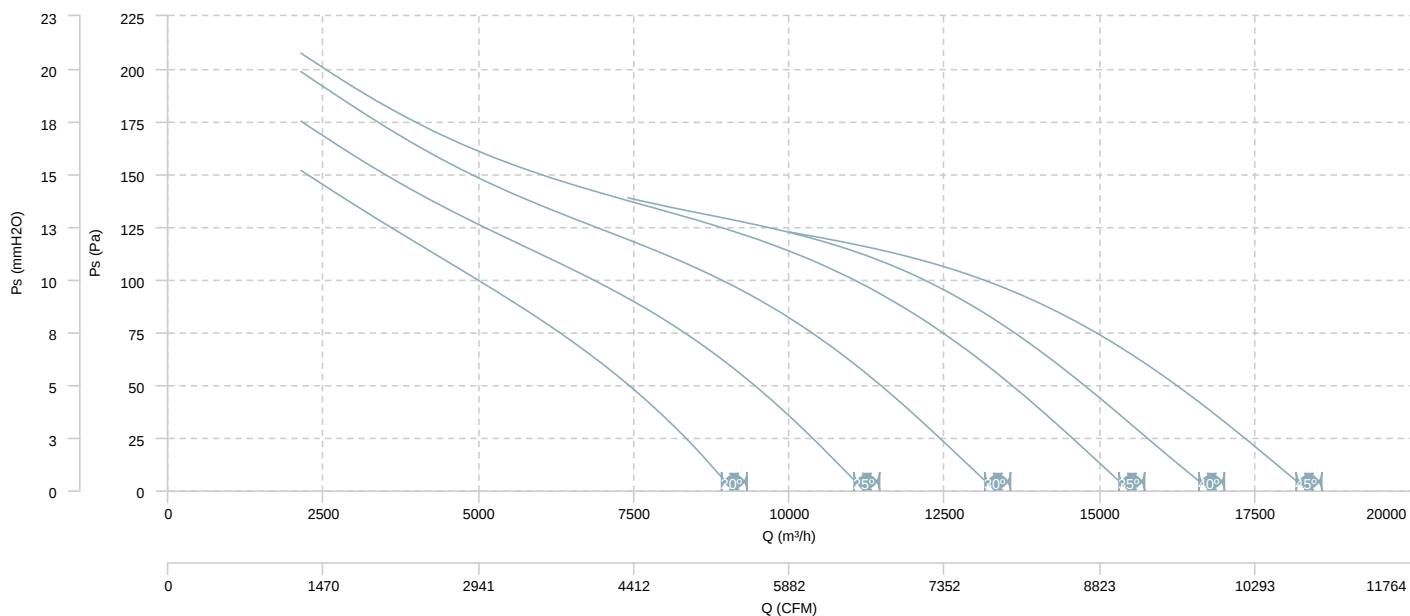


AIR FLOW - MECHANICAL POWER

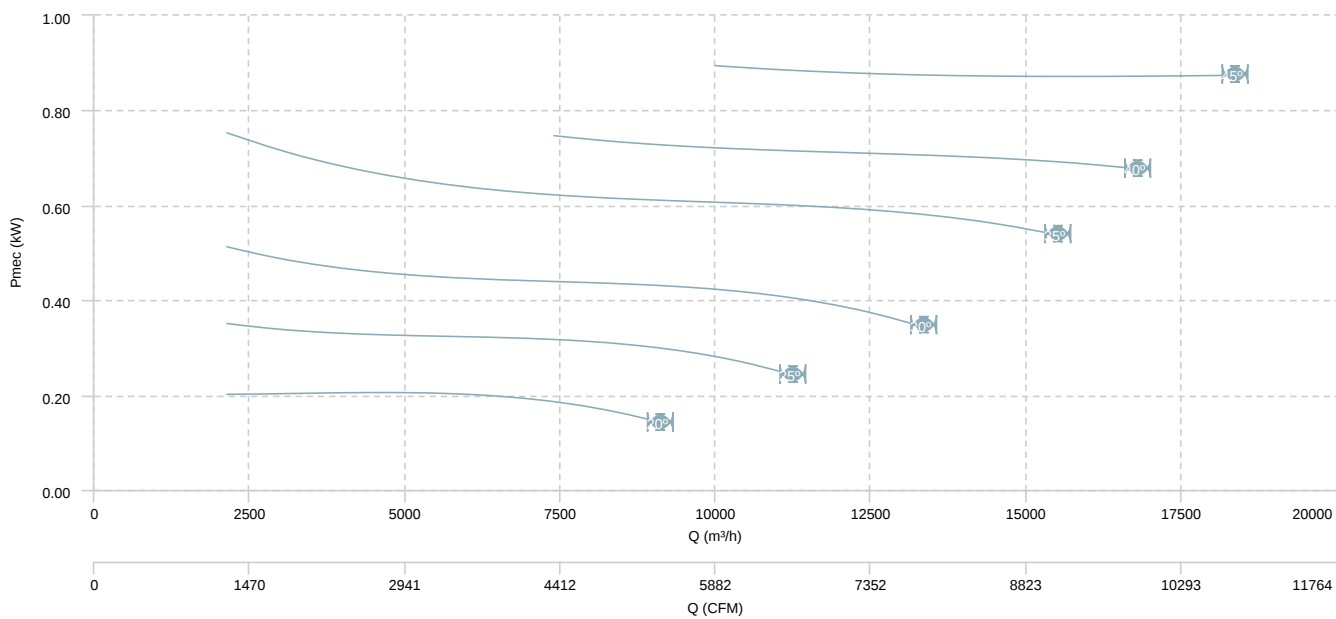


BOX HBX 71 T6 (A5:6)

AIR FLOW - PRESSURE

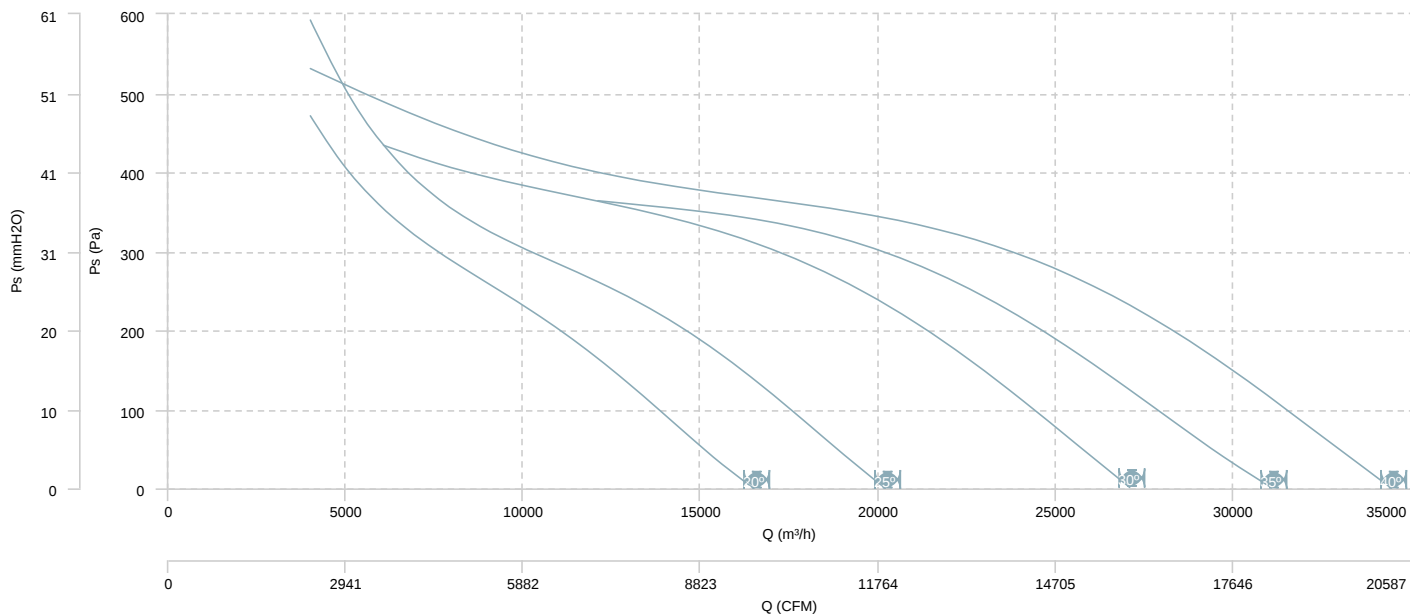


AIR FLOW - MECHANICAL POWER

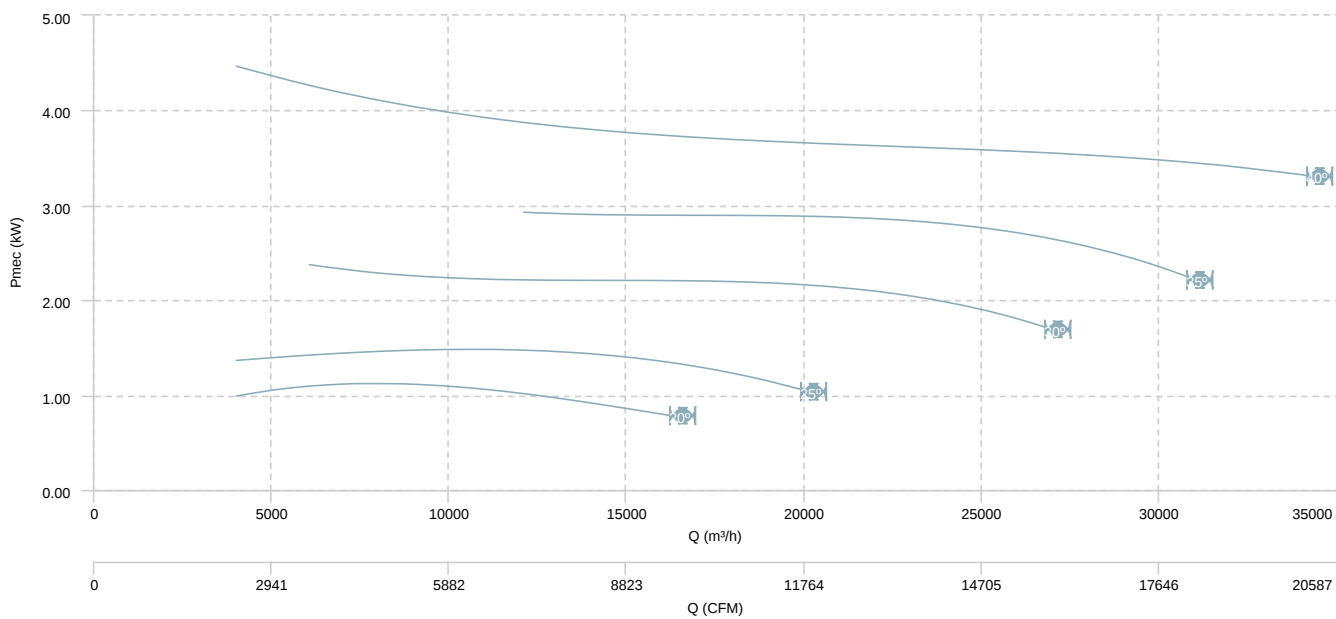


BOX HBX 80 T4 (A5:6)

AIR FLOW - PRESSURE

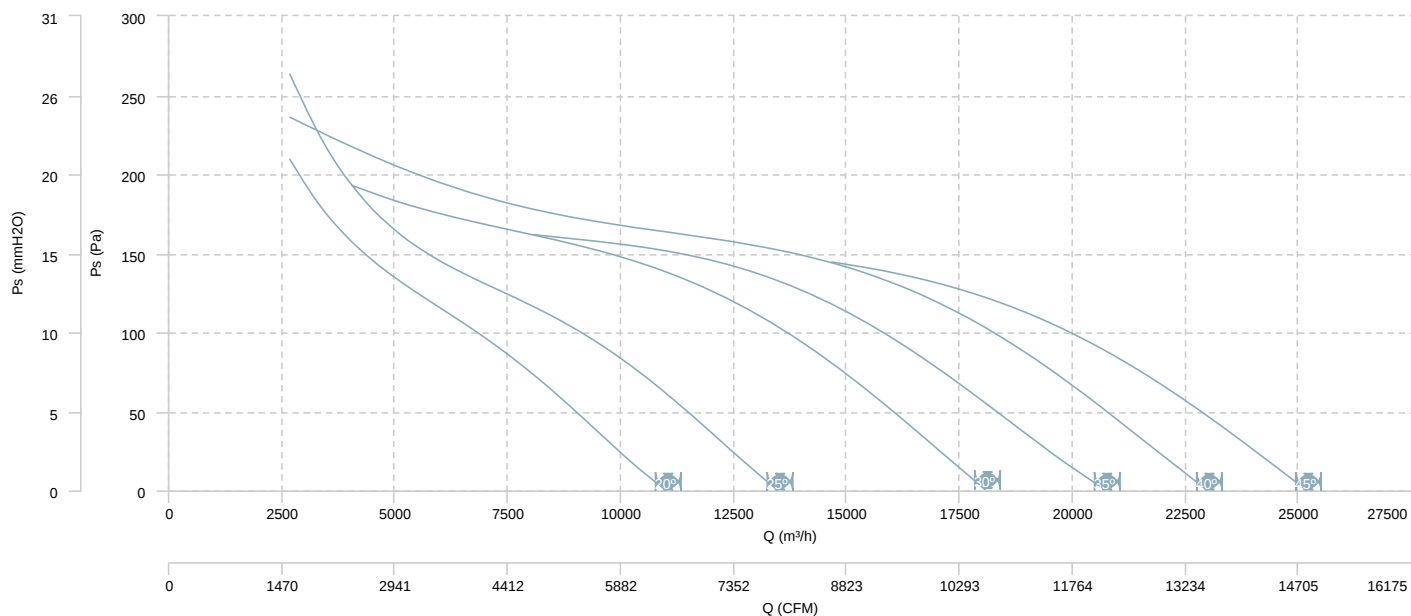


AIR FLOW - MECHANICAL POWER

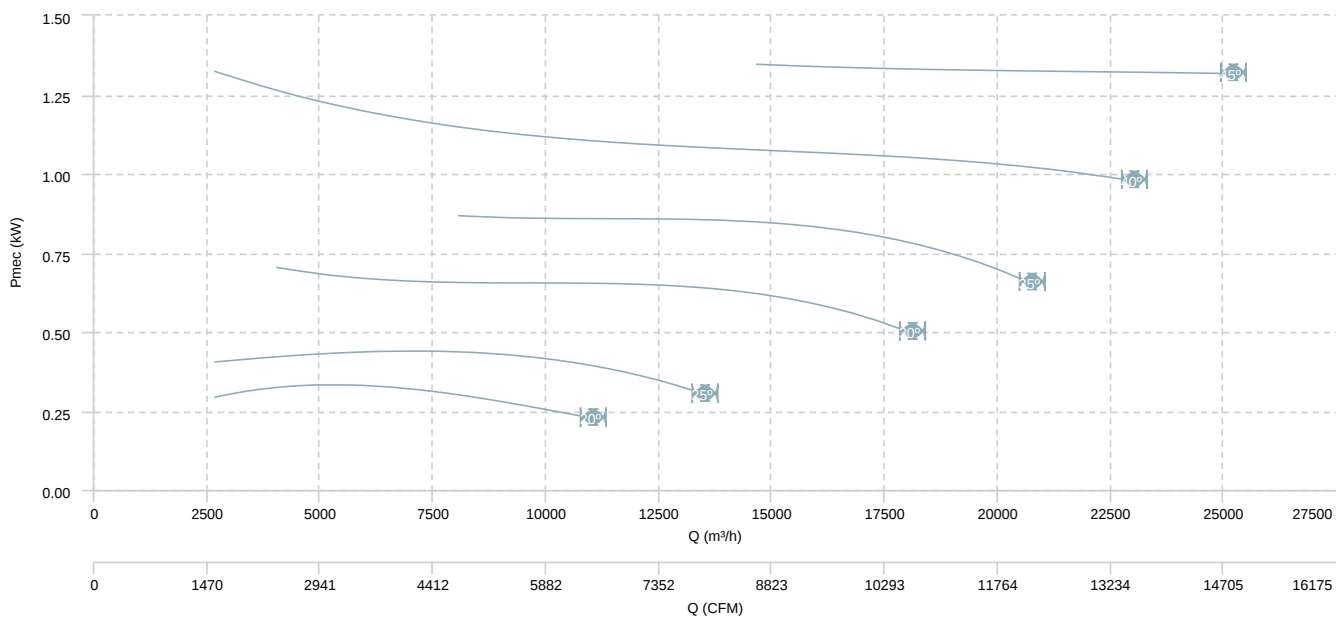


BOX HBX 80 T6 (A5:6)

AIR FLOW - PRESSURE

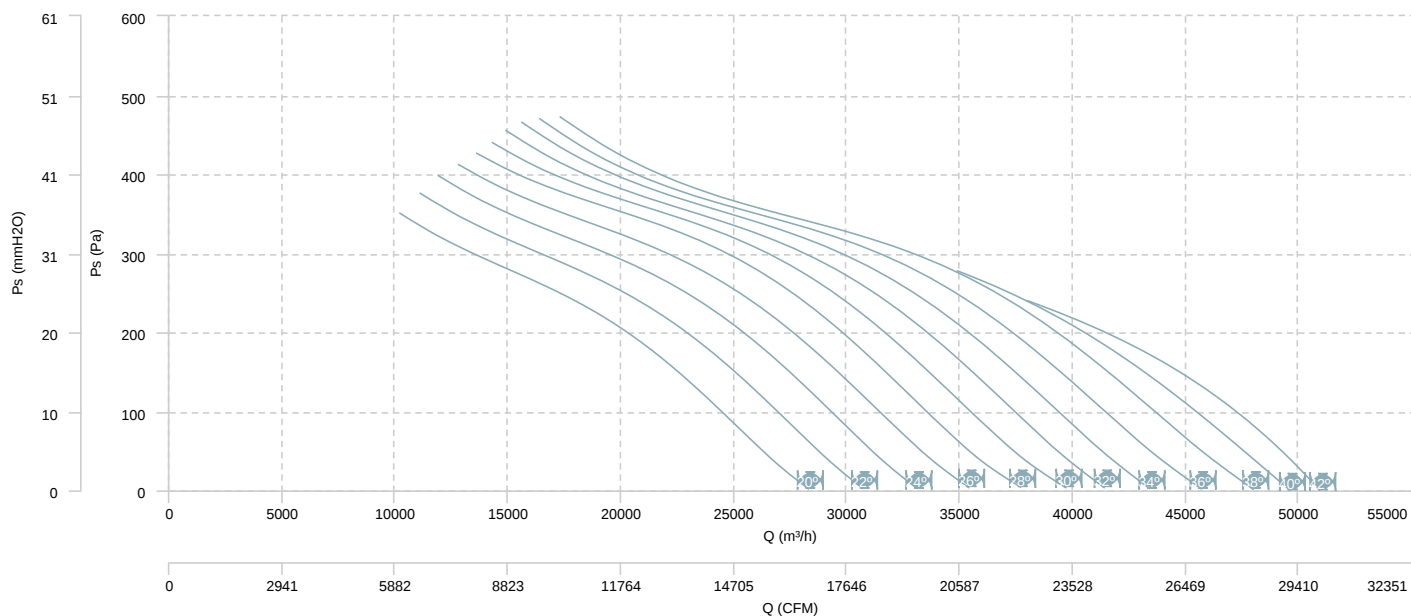


AIR FLOW - MECHANICAL POWER

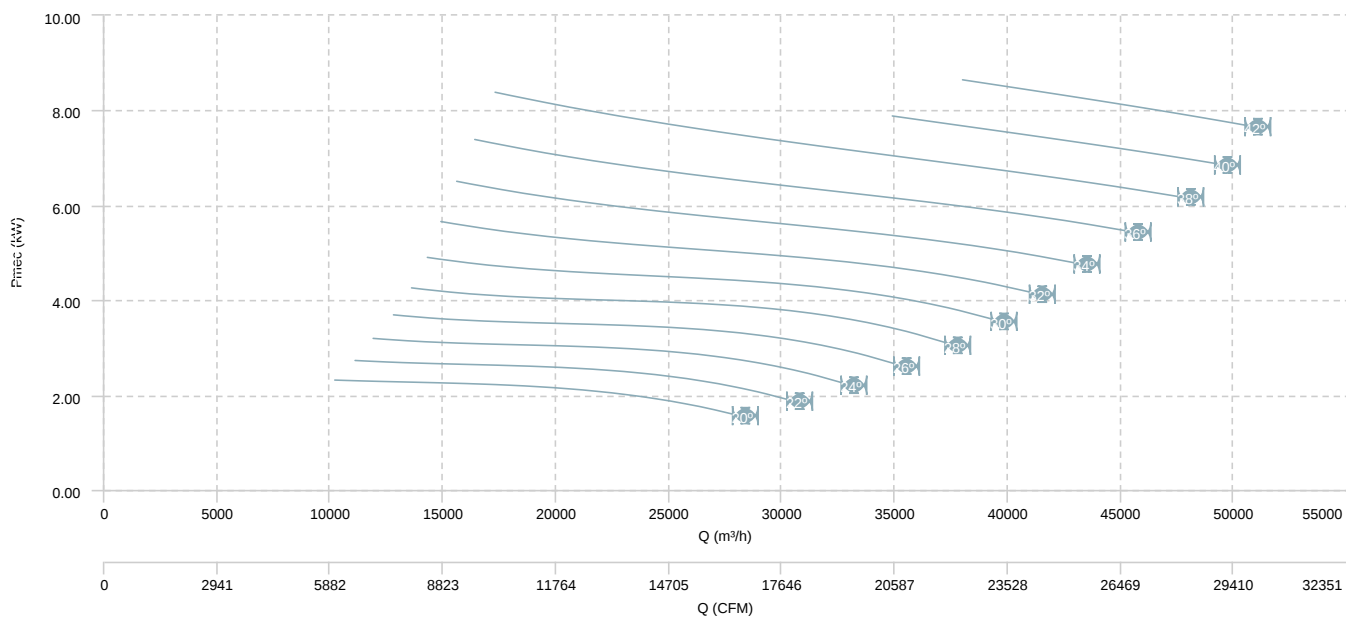


BOX HBX 90 T4 (A6:3)

AIR FLOW - PRESSURE

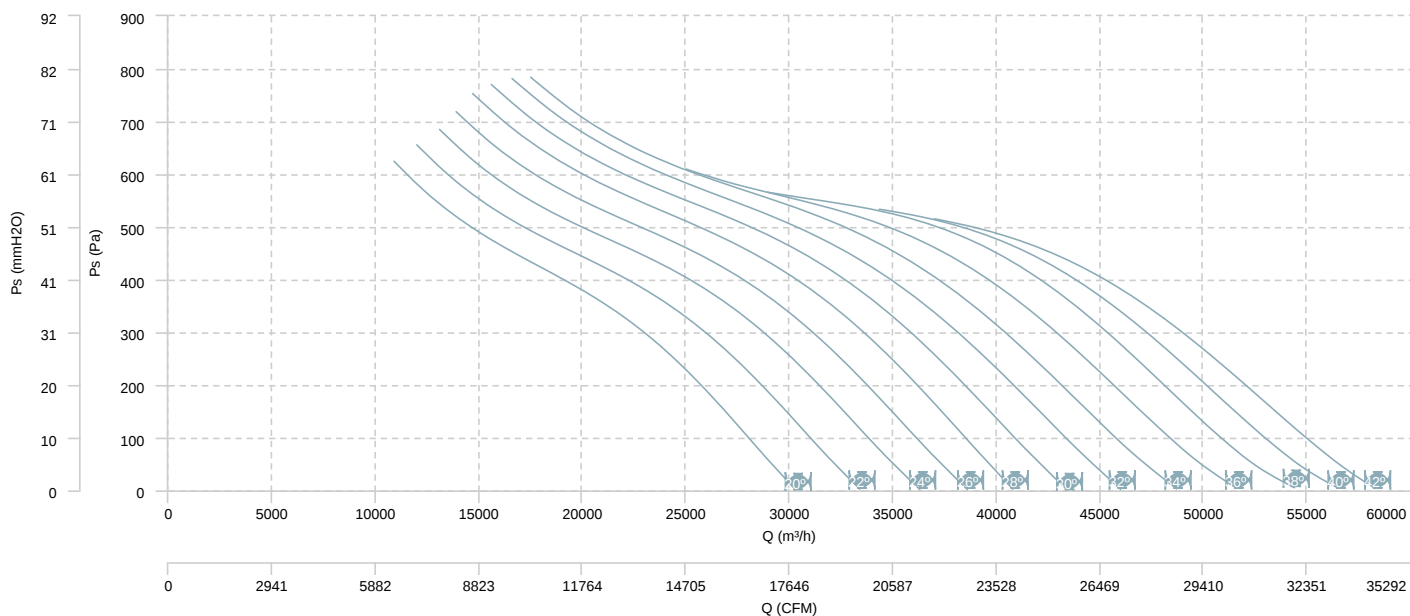


AIR FLOW - MECHANICAL POWER

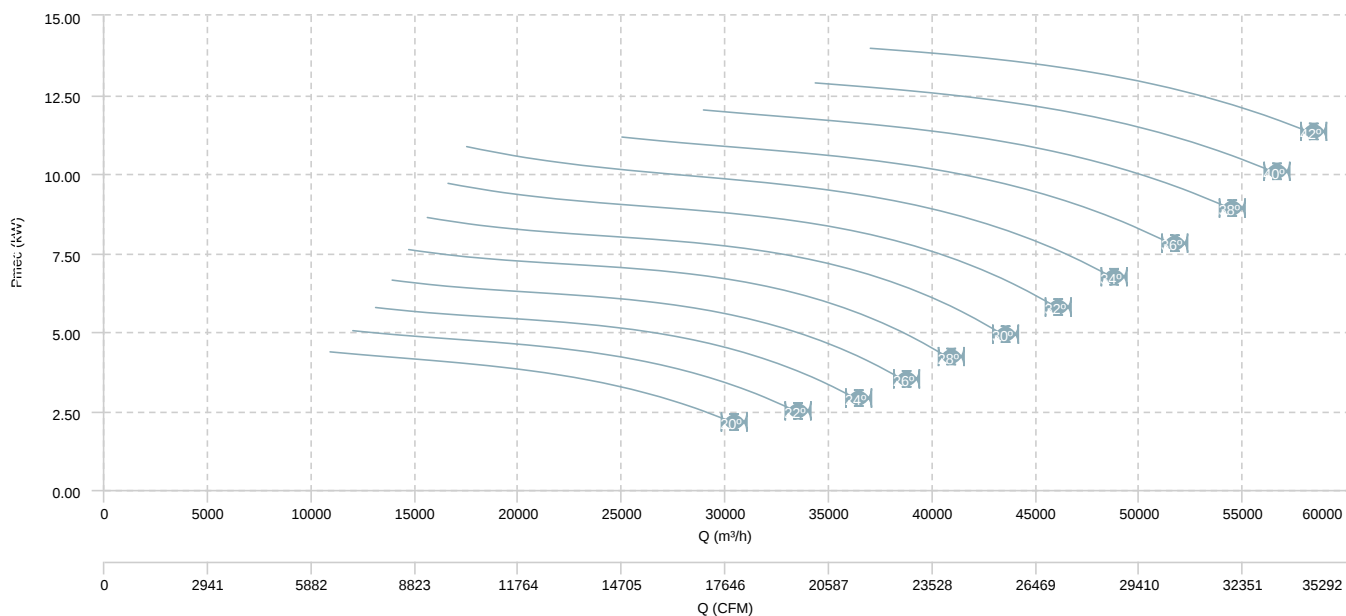


BOX HBX 90 T4 (A6:6)

AIR FLOW - PRESSURE

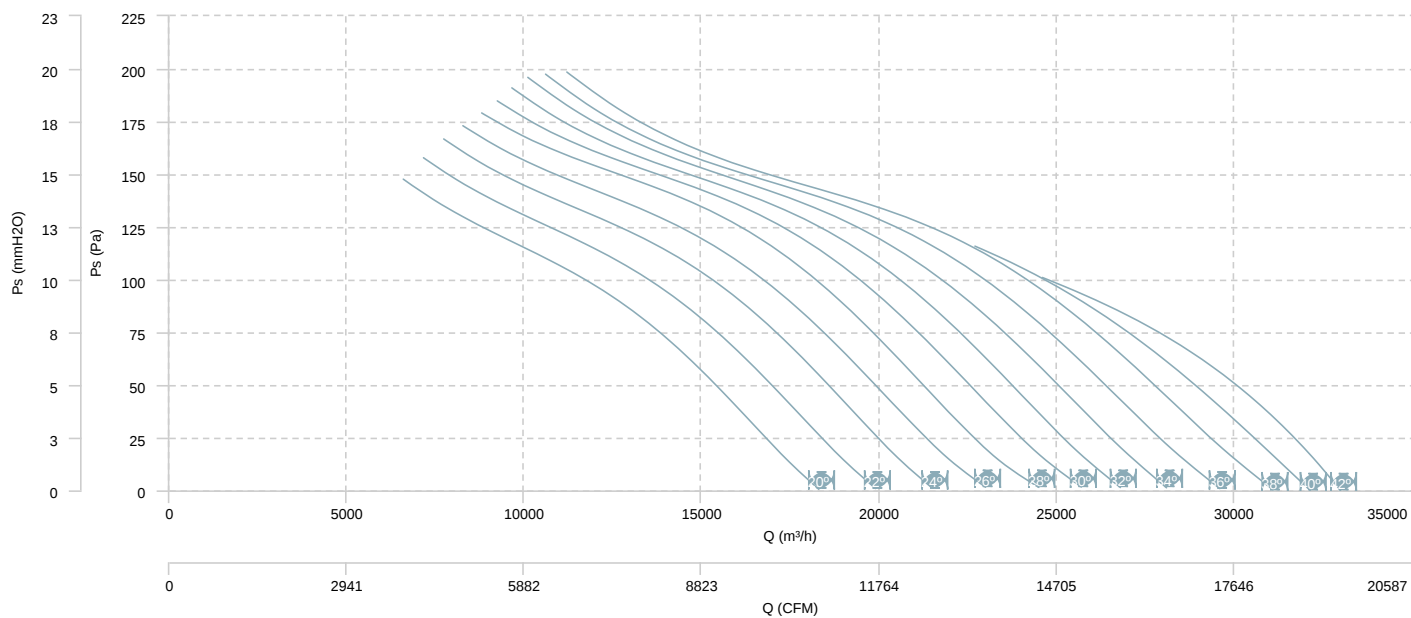


AIR FLOW - MECHANICAL POWER

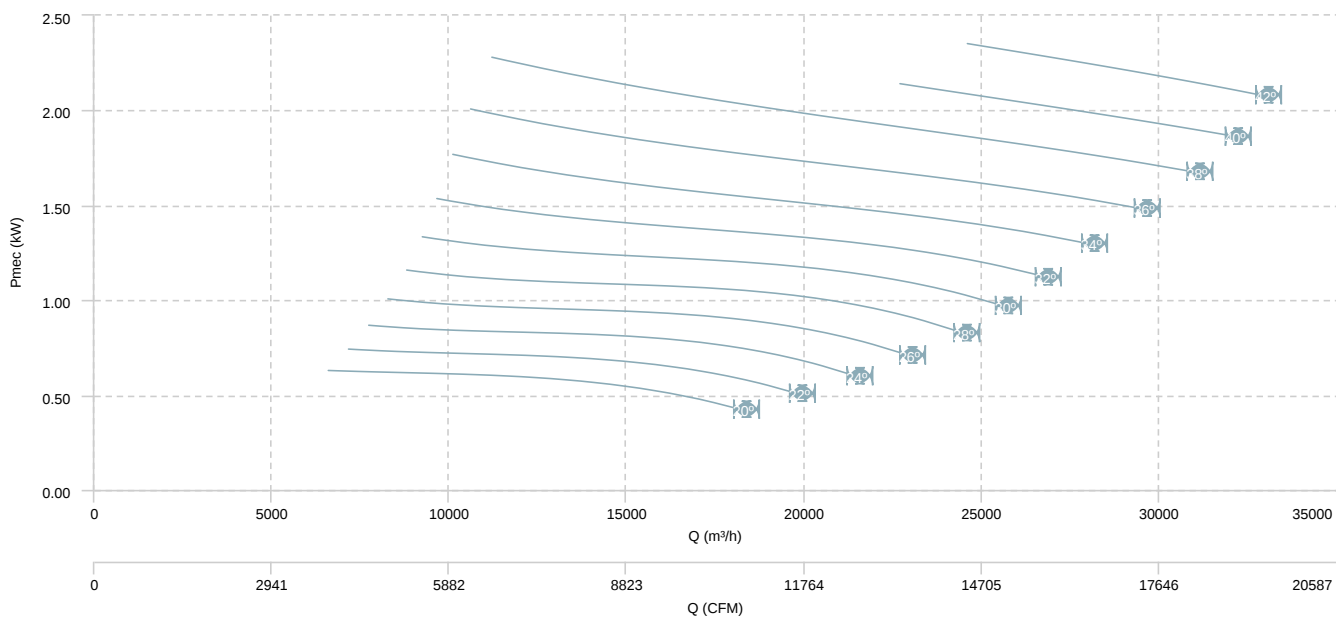


BOX HBX 90 T6 (A6:3)

AIR FLOW - PRESSURE

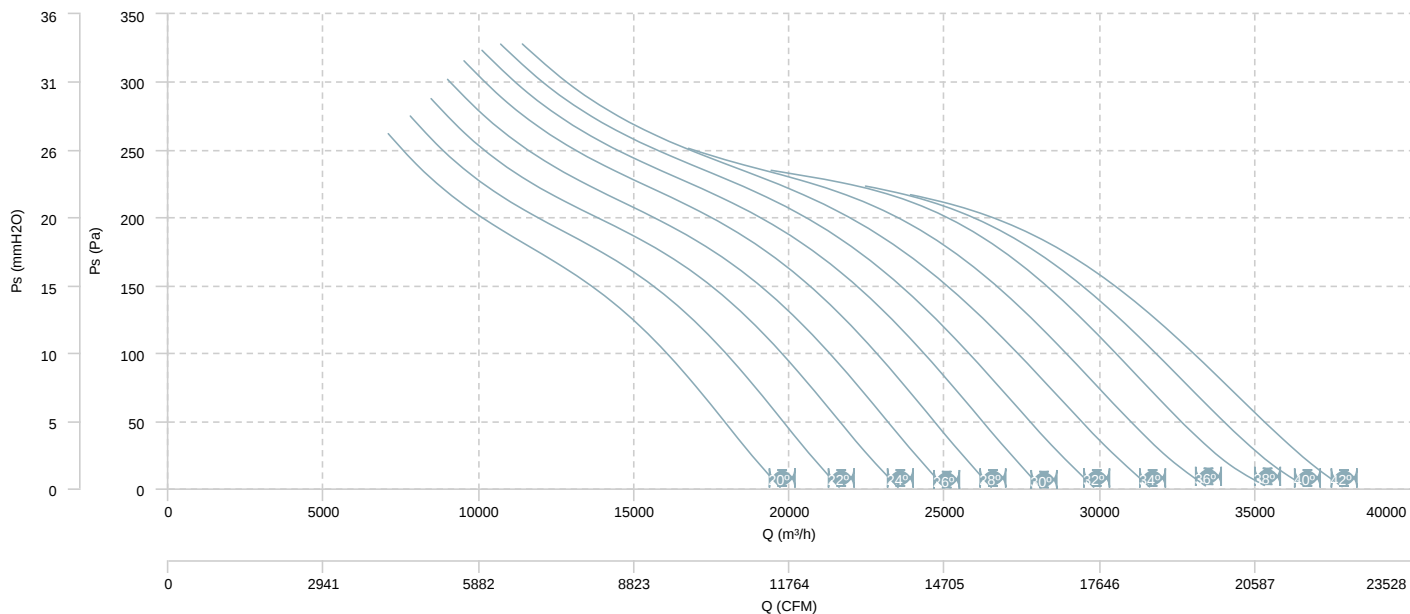


AIR FLOW - MECHANICAL POWER

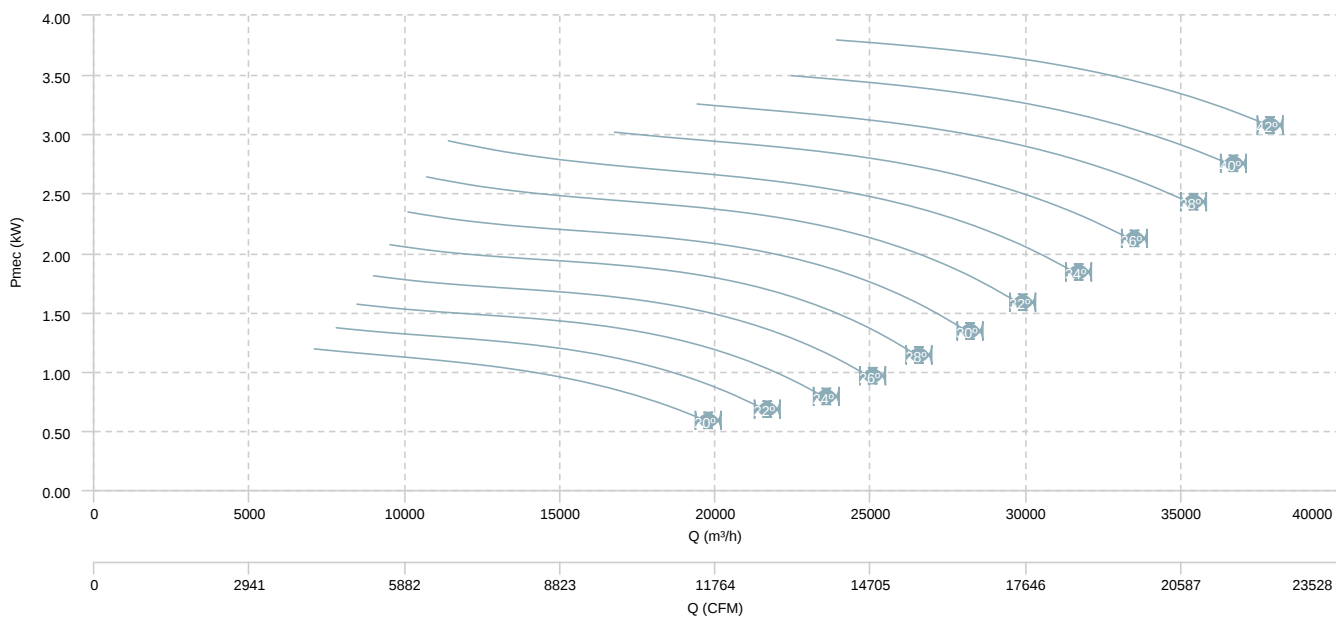


BOX HBX 90 T6 (A6:6)

AIR FLOW - PRESSURE

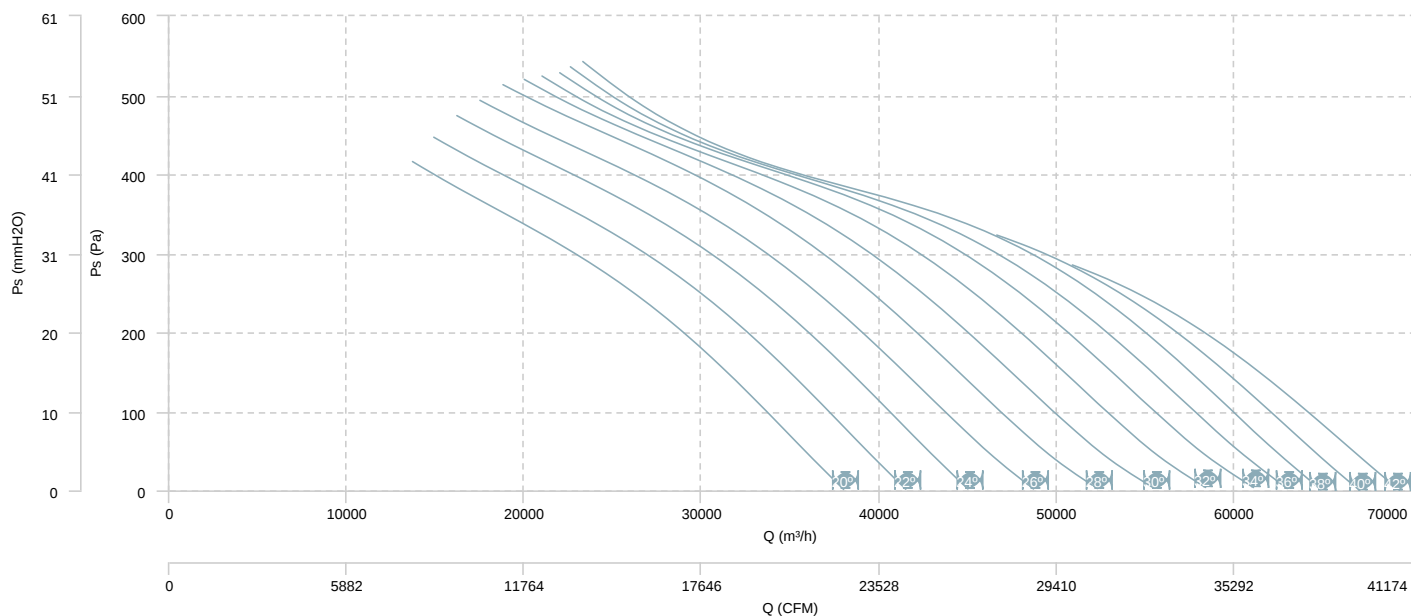


AIR FLOW - MECHANICAL POWER

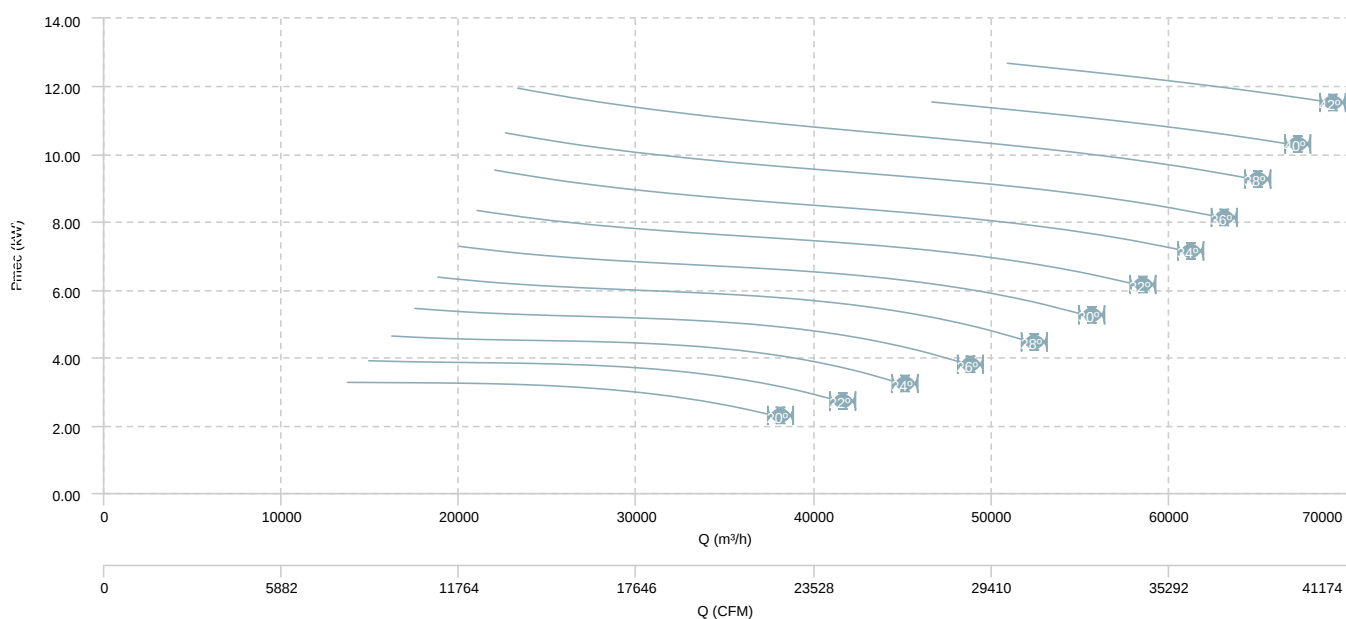


BOX HBX 100 T4 (A6:3)

AIR FLOW - PRESSURE

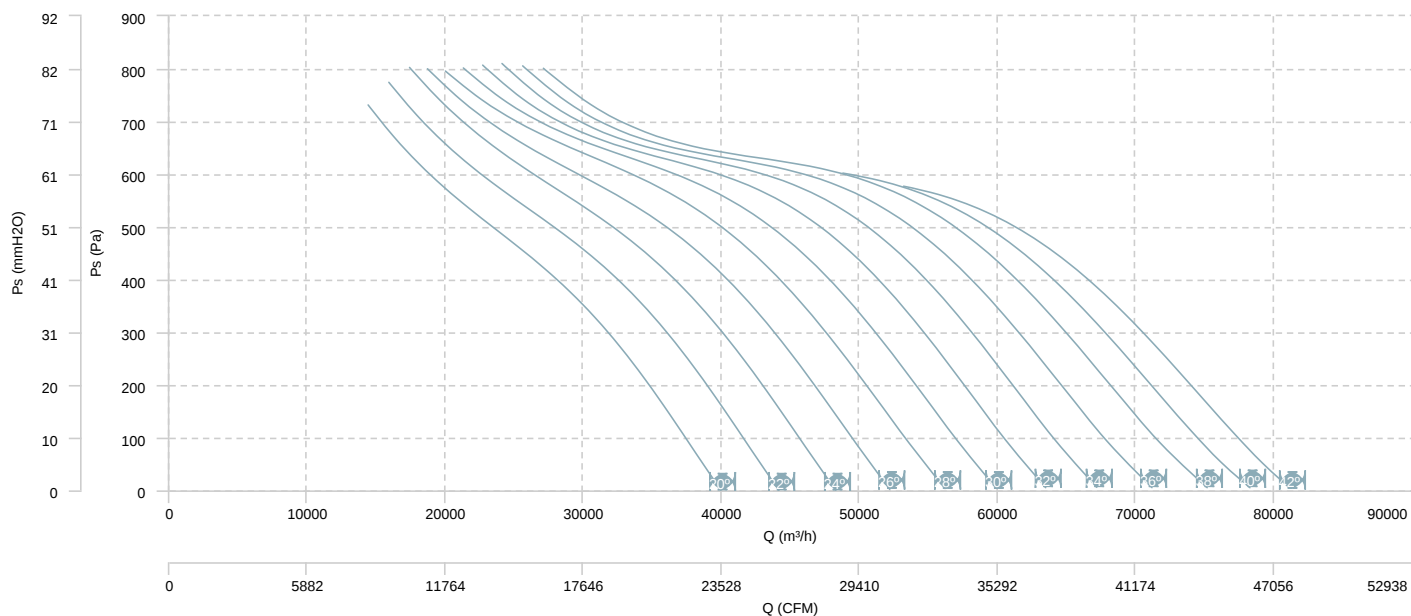


AIR FLOW - MECHANICAL POWER

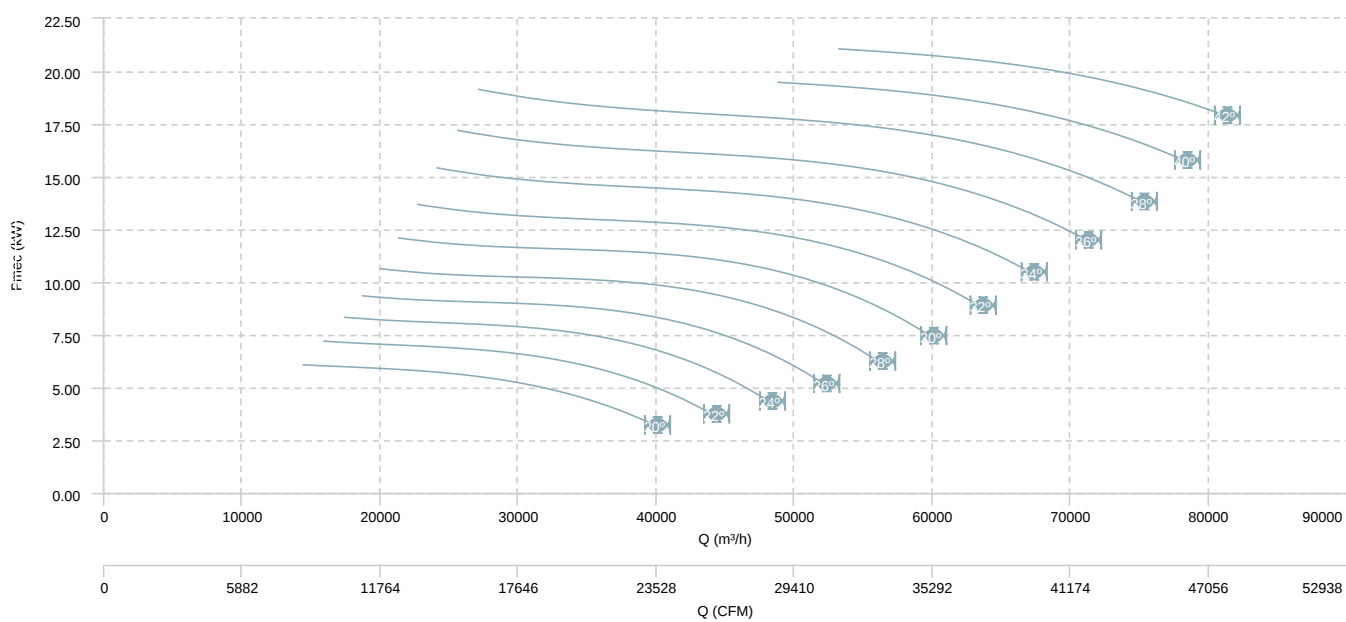


BOX HBX 100 T4 (A6:6)

AIR FLOW - PRESSURE

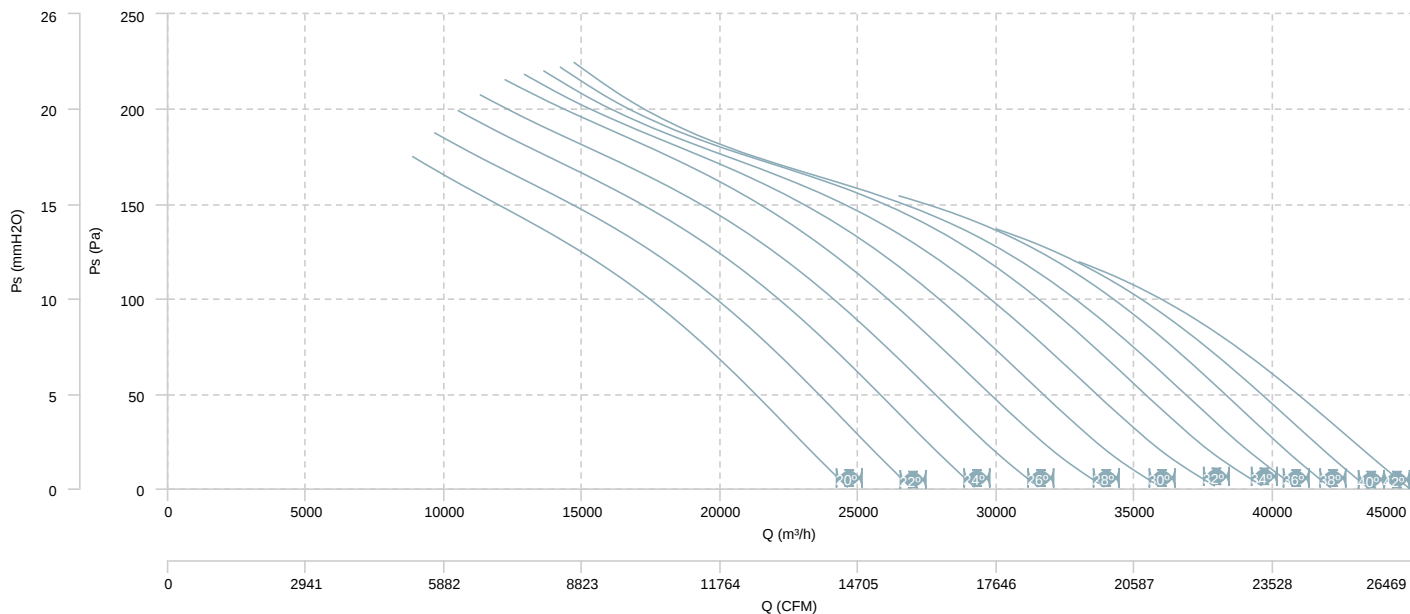


AIR FLOW - MECHANICAL POWER

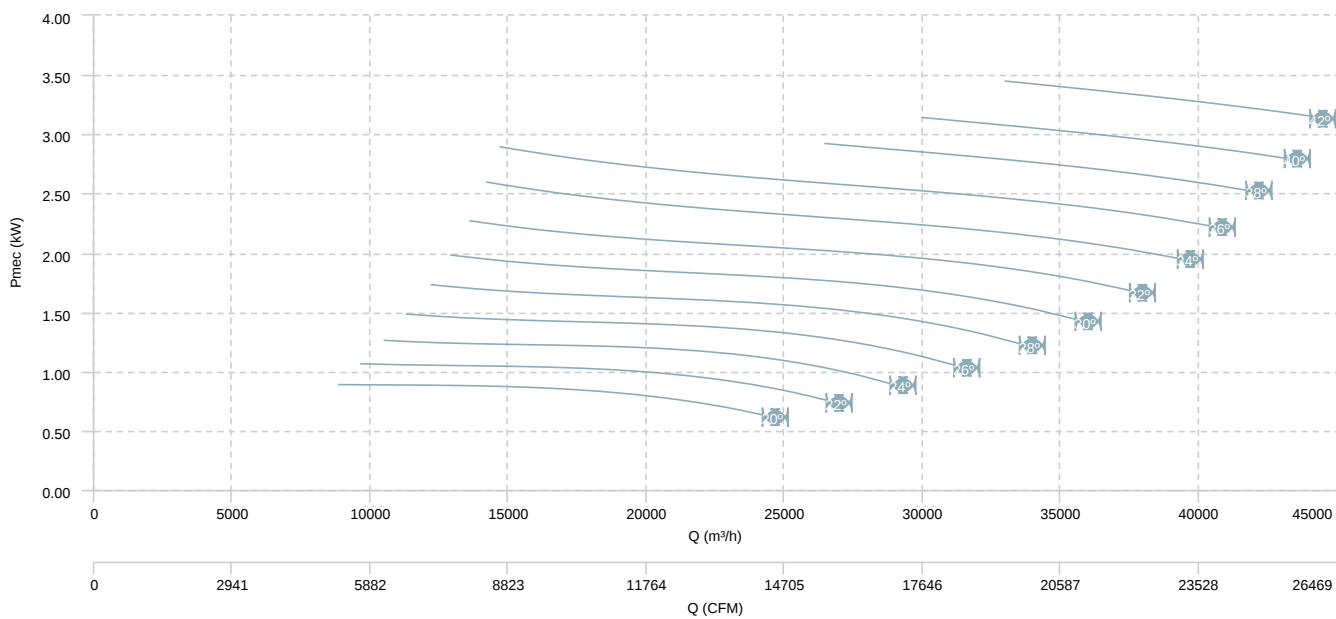


BOX HBX 100 T6 (A6:3)

AIR FLOW - PRESSURE

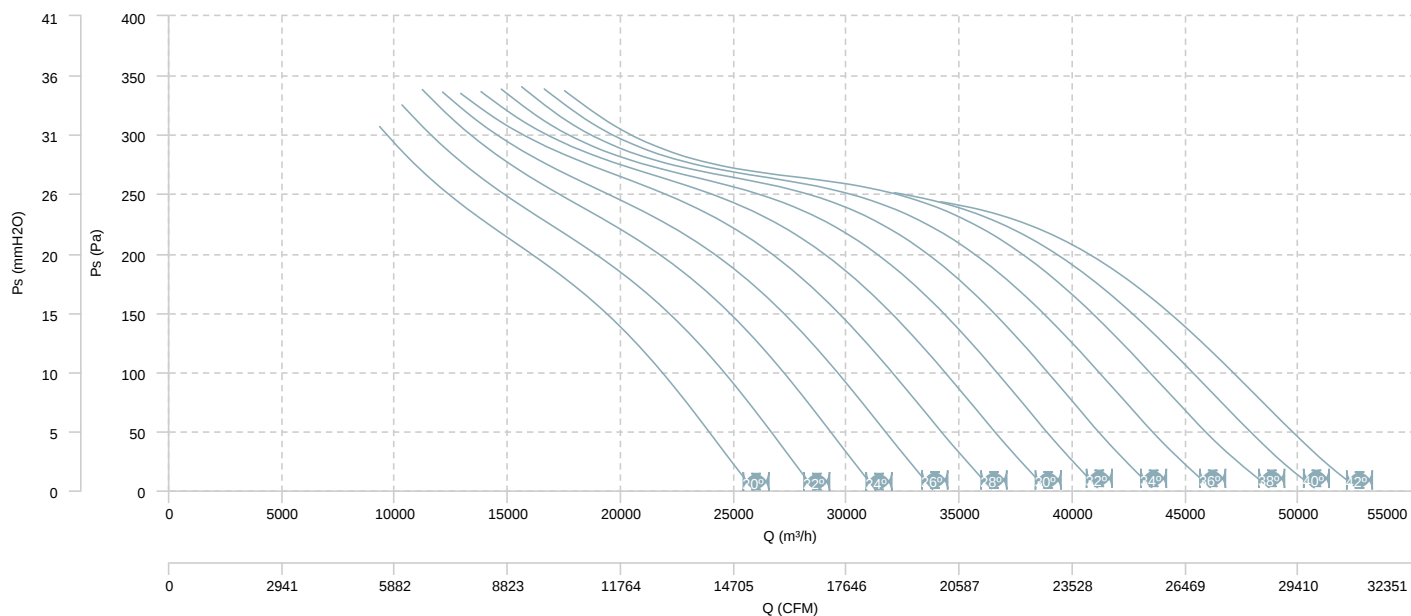


AIR FLOW - MECHANICAL POWER

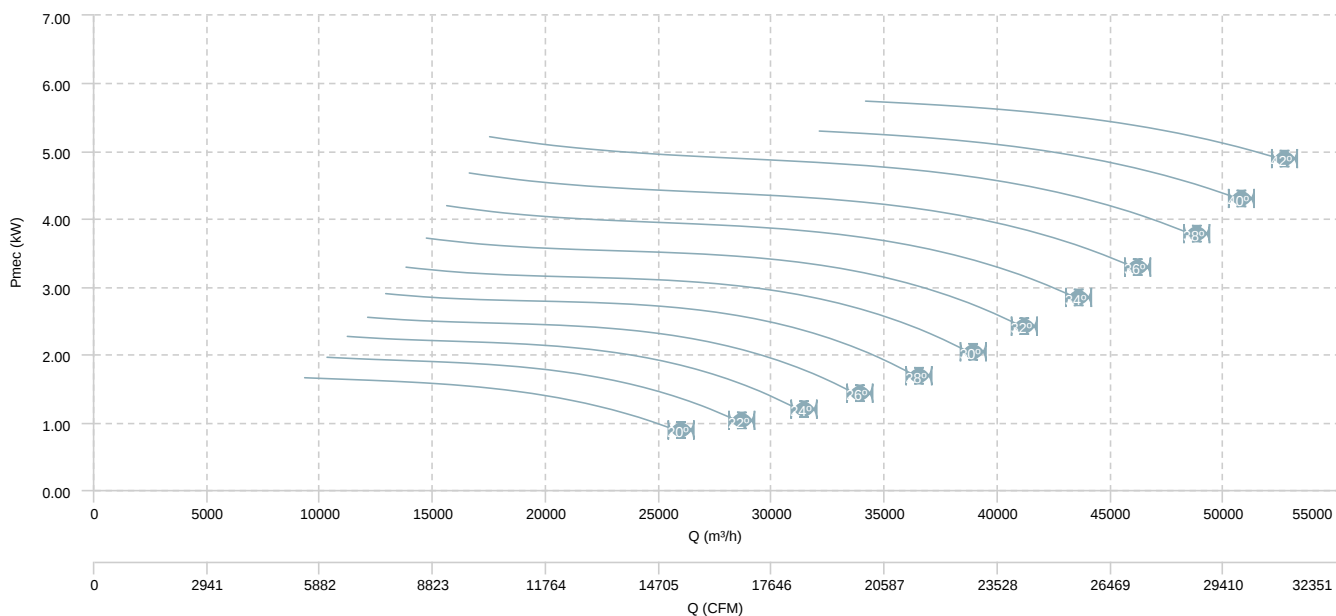


BOX HBX 100 T6 (A6:6)

AIR FLOW - PRESSURE

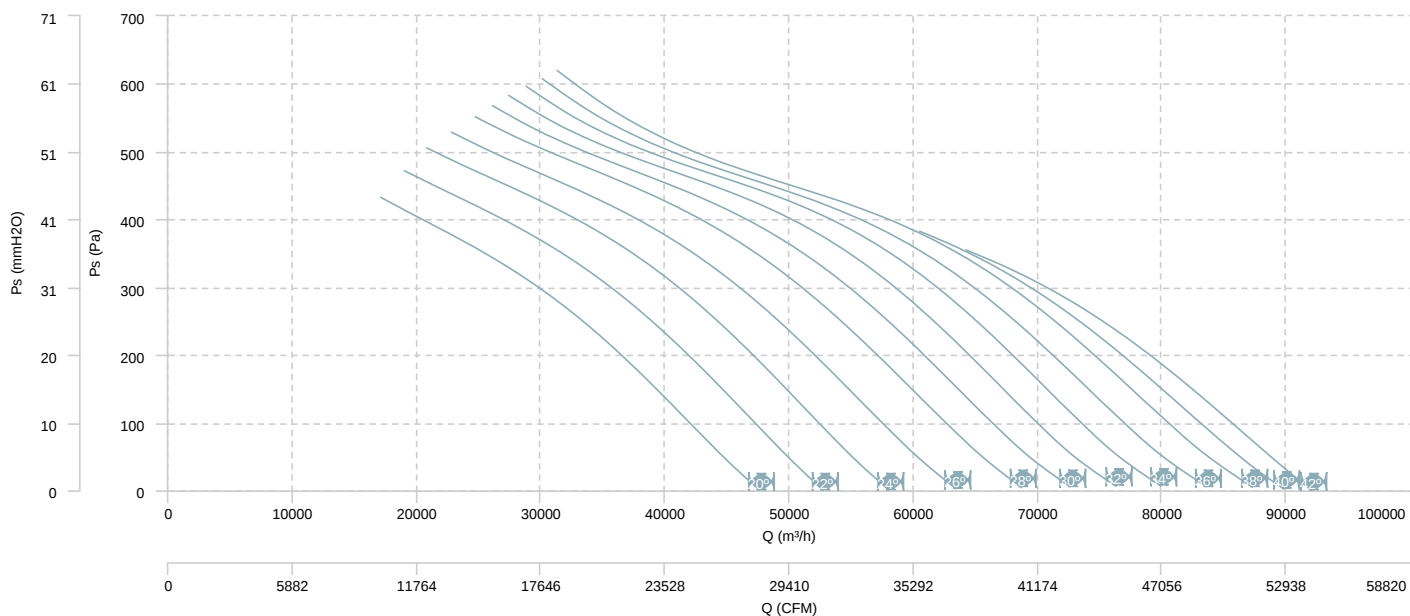


AIR FLOW - MECHANICAL POWER

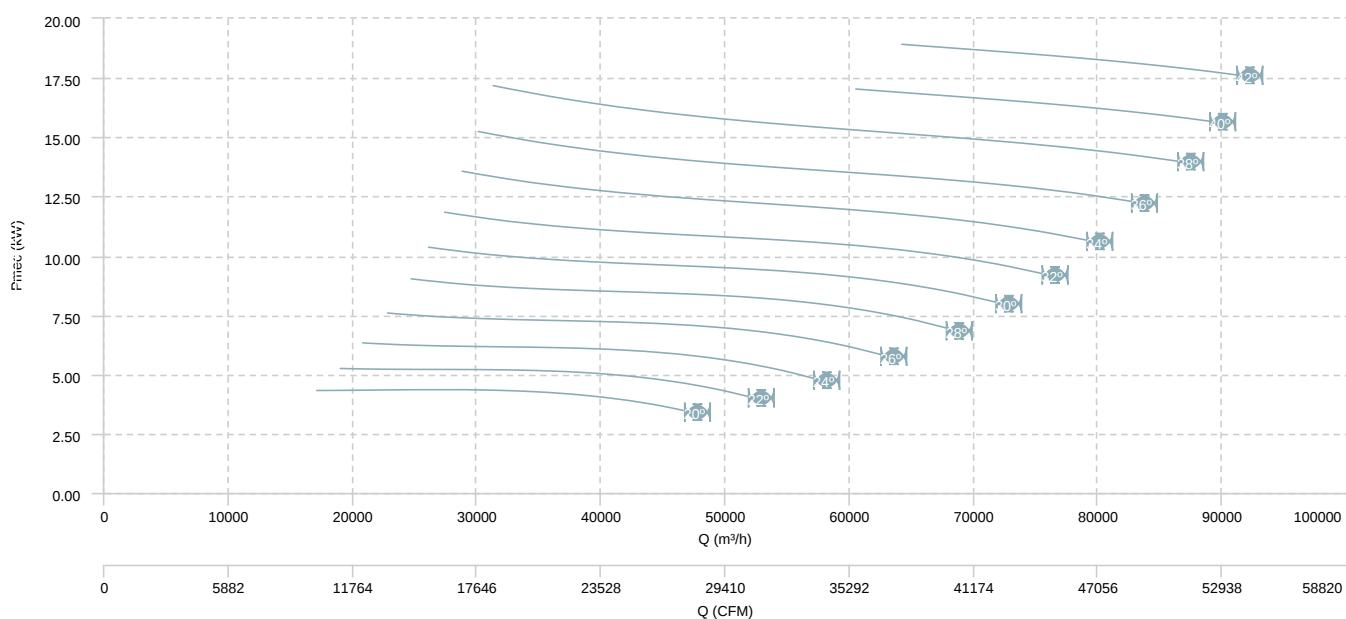


BOX HBX 112 T4 (A6:3)

AIR FLOW - PRESSURE

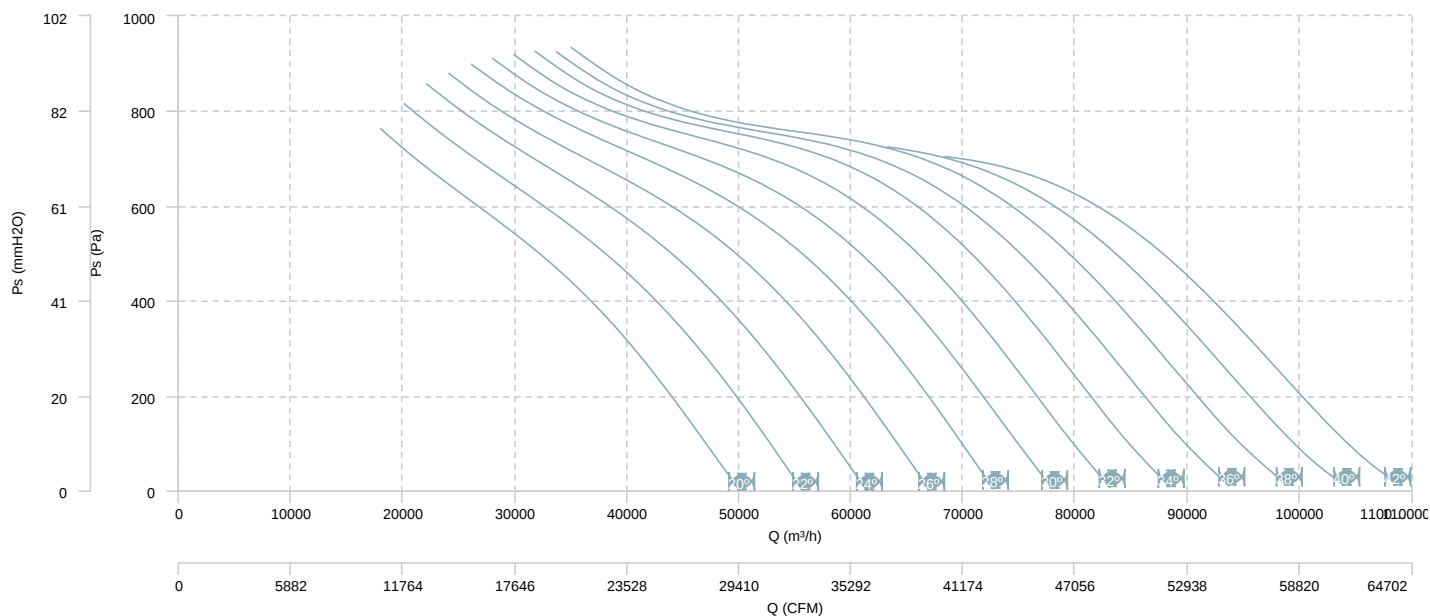


AIR FLOW - MECHANICAL POWER

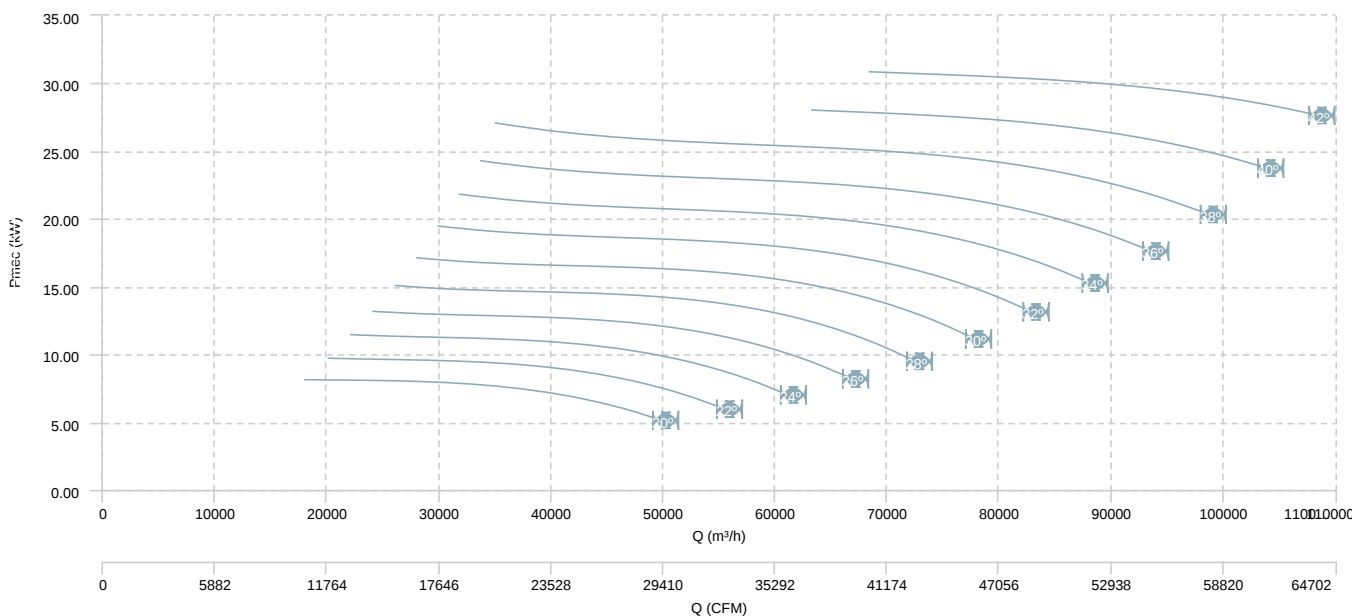


BOX HBX 112 T4 (A6:6)

AIR FLOW - PRESSURE

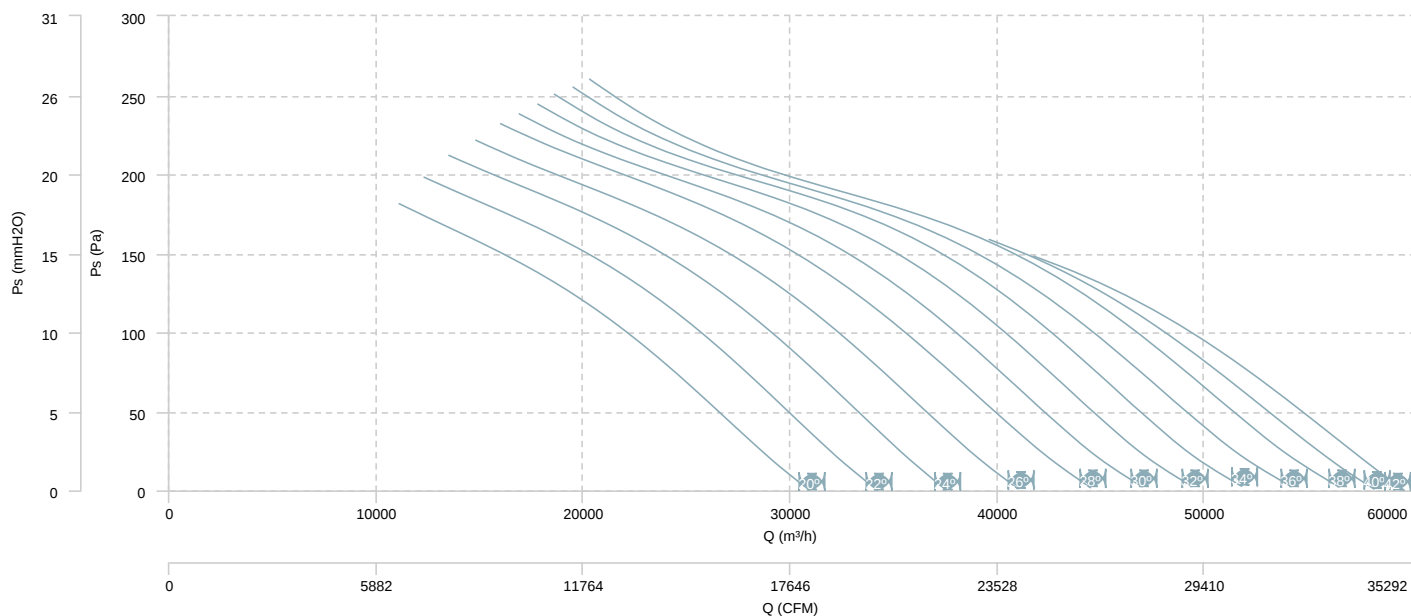


AIR FLOW - MECHANICAL POWER

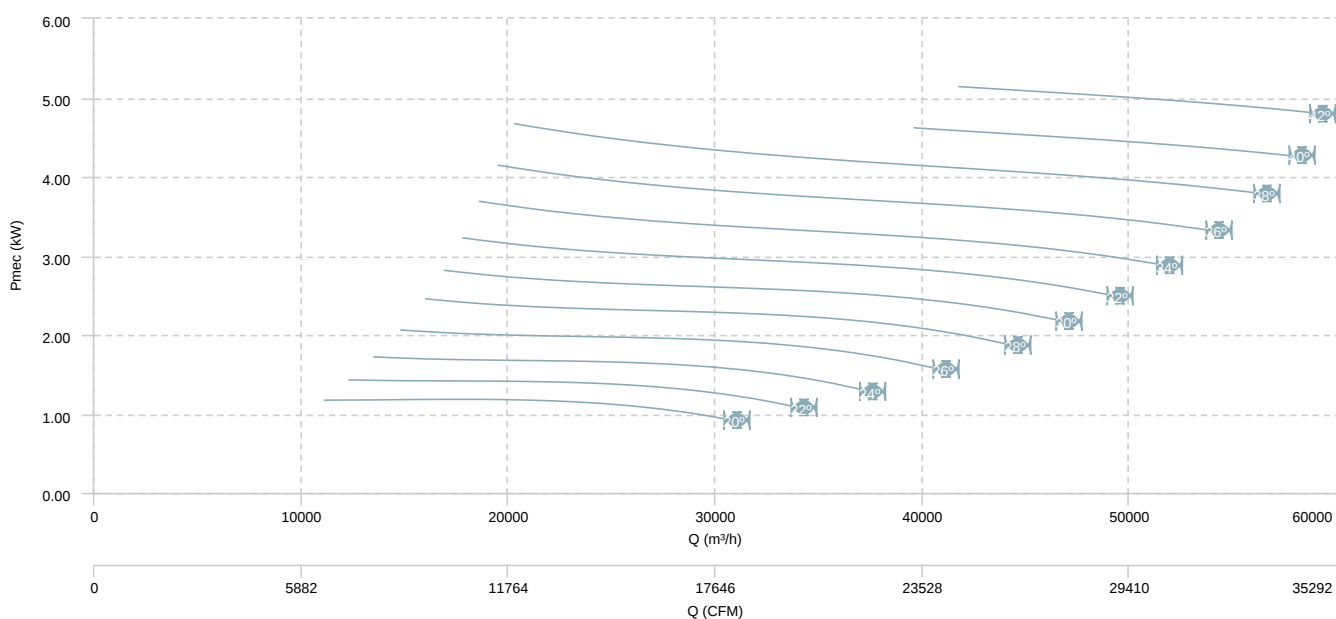


BOX HBX 112 T6 (A6:3)

AIR FLOW - PRESSURE

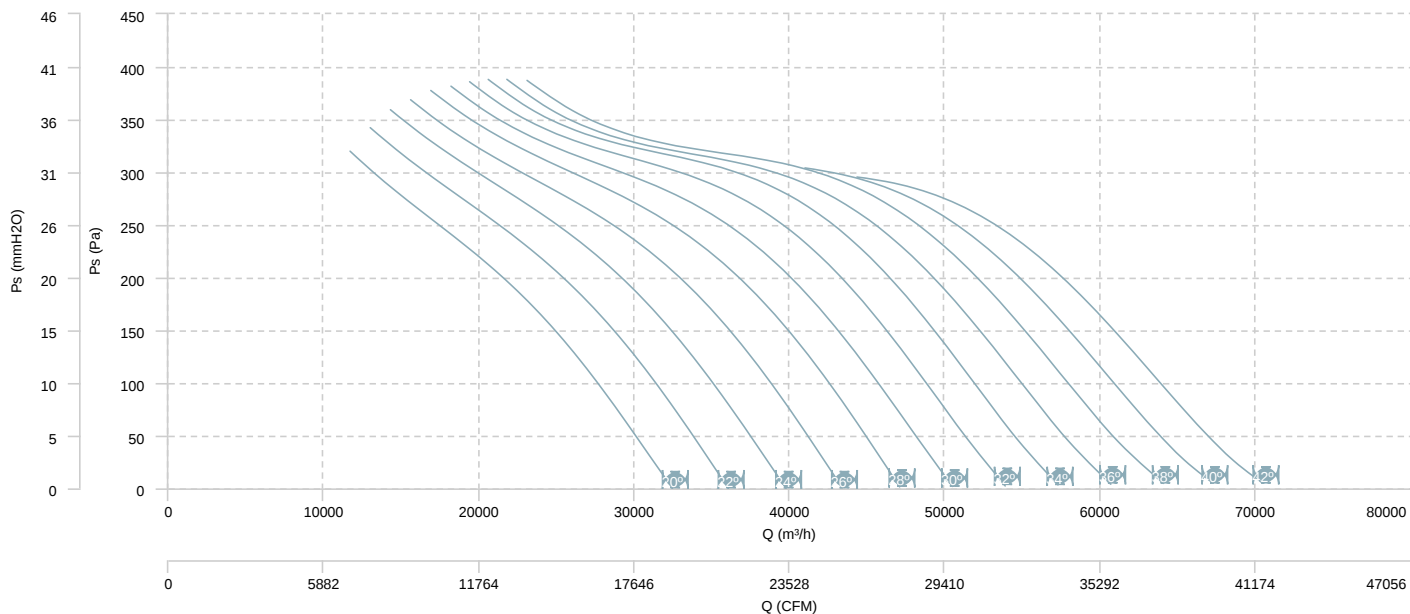


AIR FLOW - MECHANICAL POWER

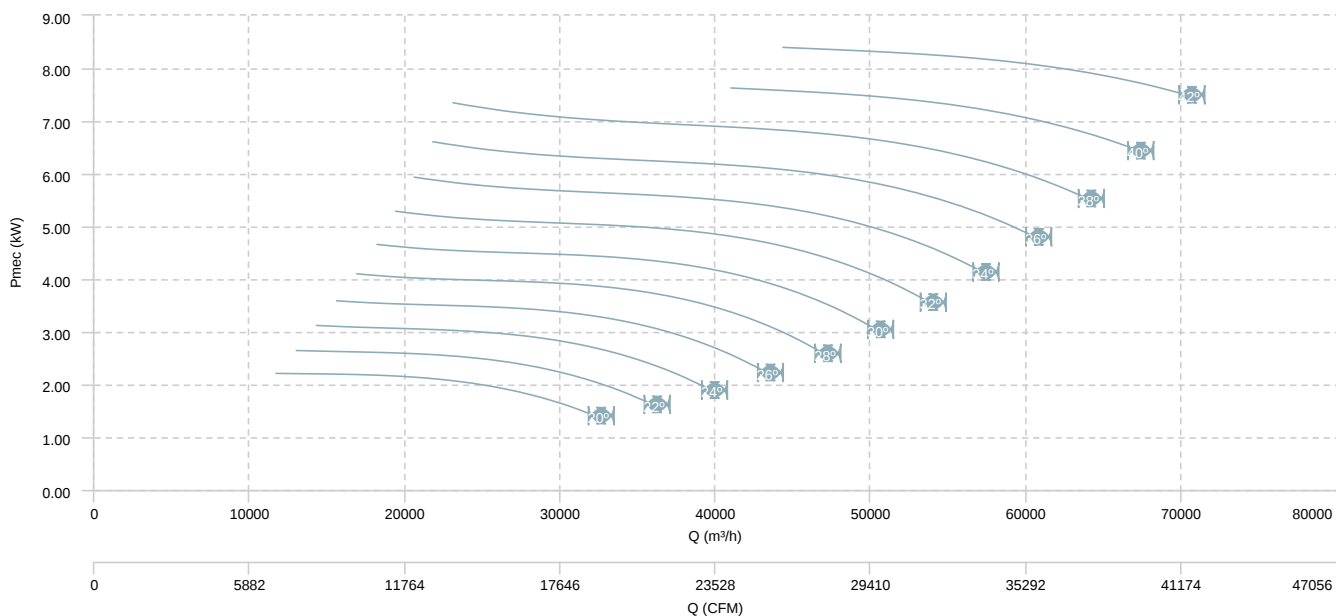


BOX HBX 112 T6 (A6:6)

AIR FLOW - PRESSURE

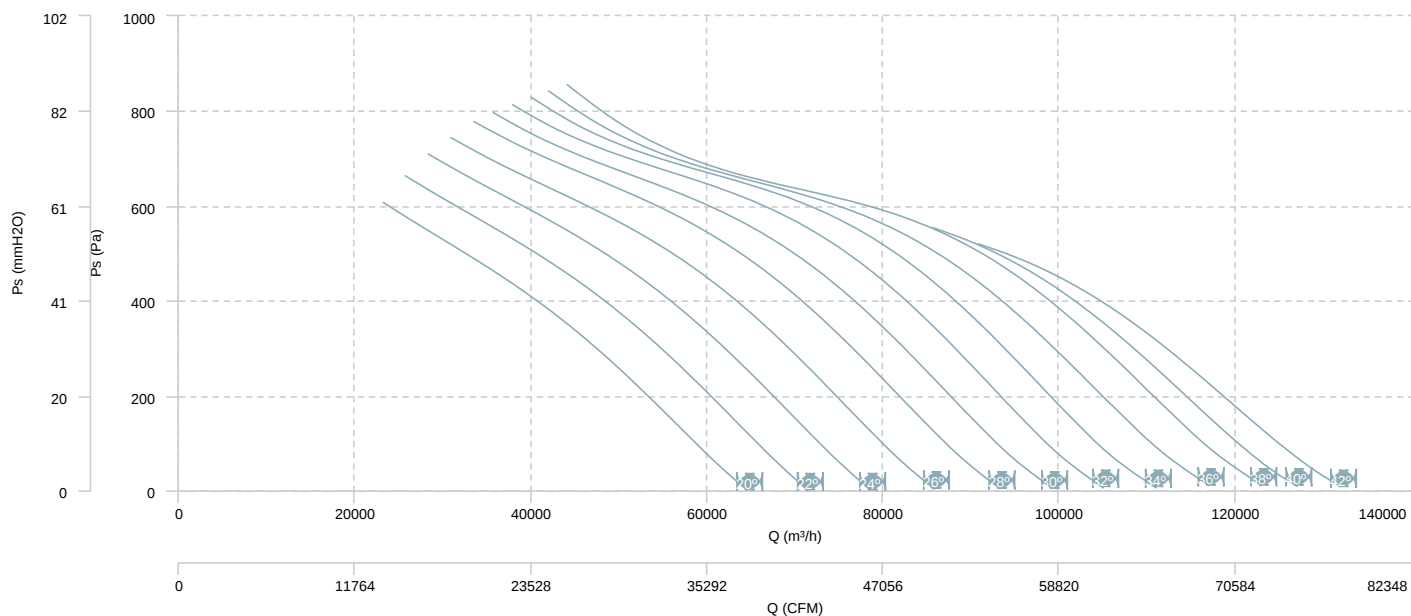


AIR FLOW - MECHANICAL POWER

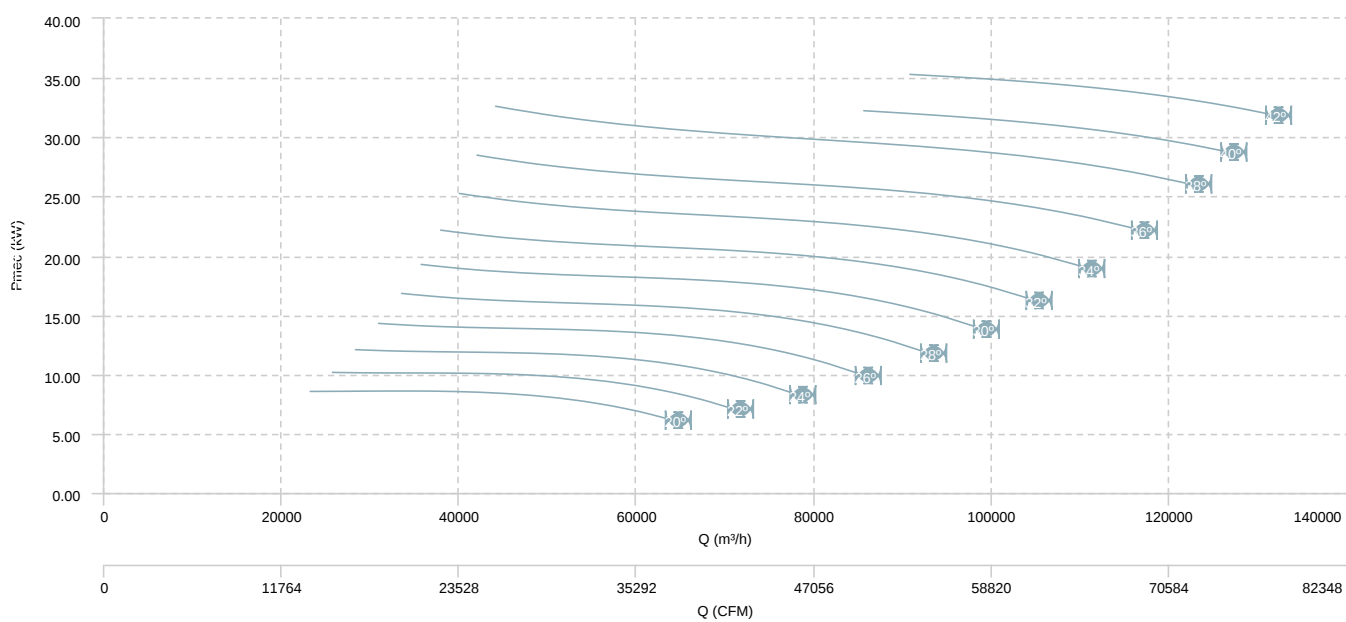


BOX HBX 125 T4 (A7:4)

AIR FLOW - PRESSURE

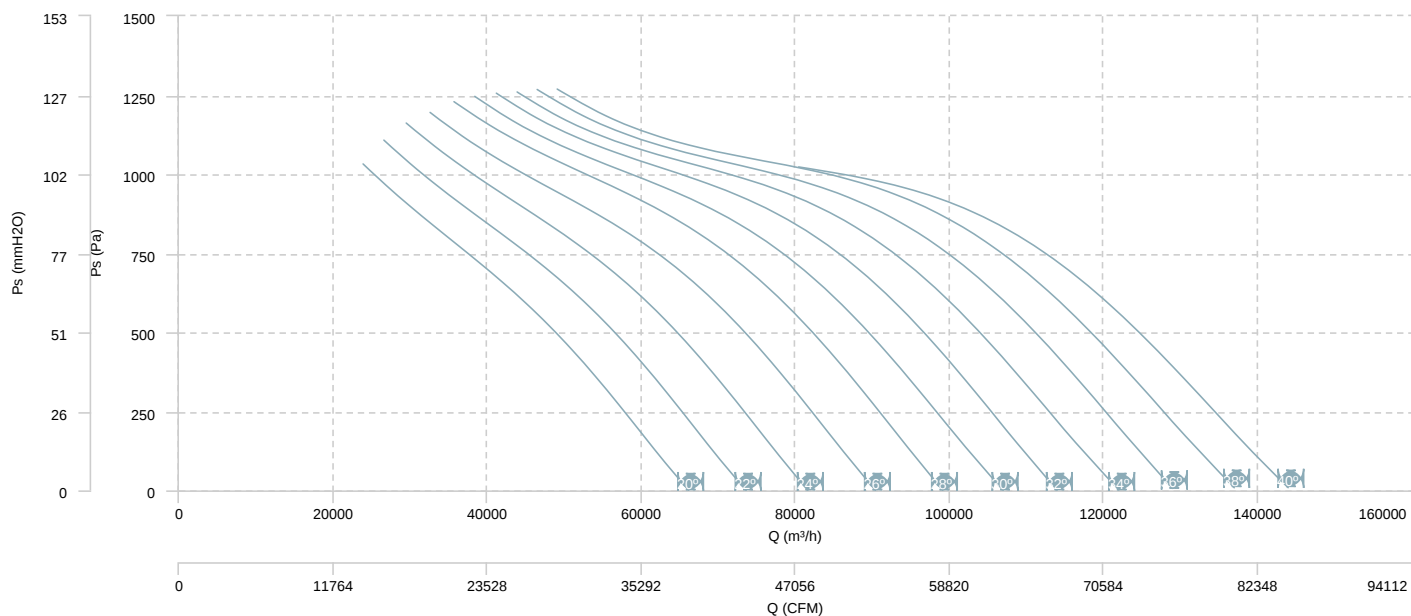


AIR FLOW - MECHANICAL POWER

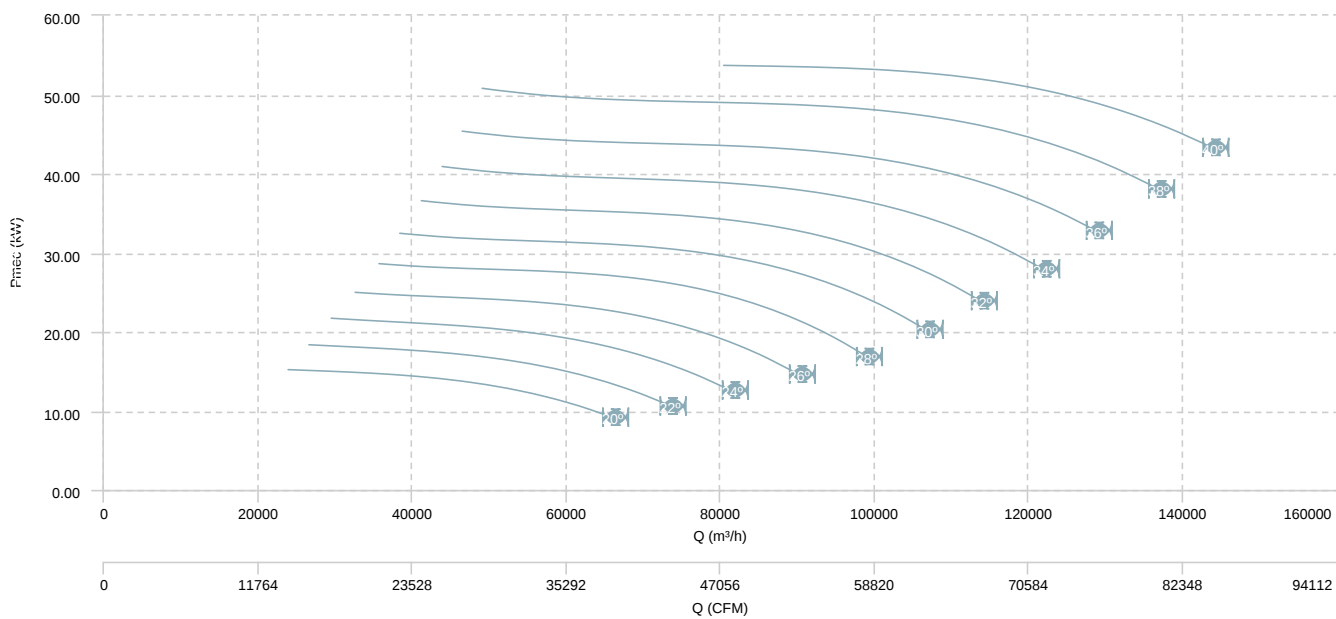


BOX HBX 125 T4 (A7:8)

AIR FLOW - PRESSURE



AIR FLOW - MECHANICAL POWER



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
BOX HBX 45 T4 (A0:6) (35º)	Inlet	42	49	54	59	62	63	64	58	69
BOX HBX 45 T4 (A0:6) (40º)	Inlet	44	51	57	60	63	64	65	58	70
BOX HBX 45 T4 (A5:6) (25º)	Inlet	42	47	54	61	60	61	63	56	68
BOX HBX 45 T4 (A5:6) (30º)	Inlet	45	50	57	61	63	64	65	56	70
BOX HBX 45 T4 (A5:6) (35º)	Inlet	47	51	59	60	65	65	66	56	71
BOX HBX 45 T4 (A5:6) (40º)	Inlet	50	53	62	63	67	67	68	59	73
BOX HBX 45 T4 (A5:6) (45º)	Inlet	49	53	61	64	68	68	69	61	74
BOX HBX 50 T4 (A0:6) (35º)	Inlet	43	50	57	60	63	62	64	57	69
BOX HBX 50 T4 (A0:6) (40º)	Inlet	46	53	58	62	66	65	66	59	71
BOX HBX 50 T4 (A5:6) (25º)	Inlet	41	48	53	58	61	63	65	57	69
BOX HBX 50 T4 (A5:6) (30º)	Inlet	44	49	56	60	63	64	67	58	71
BOX HBX 50 T4 (A5:6) (35º)	Inlet	46	51	58	64	66	67	69	60	74
BOX HBX 50 T4 (A5:6) (40º)	Inlet	46	53	58	64	66	67	69	60	74
BOX HBX 50 T4 (A5:6) (45º)	Inlet	49	56	61	69	70	70	72	64	77
BOX HBX 56 T4 (A5:6) (20º)	Inlet	63	70	75	76	77	75	73	65	83
BOX HBX 56 T4 (A5:6) (25º)	Inlet	50	59	64	70	72	72	73	64	79
BOX HBX 56 T4 (A5:6) (30º)	Inlet	59	69	76	78	78	76	74	66	84
BOX HBX 56 T4 (A5:6) (35º)	Inlet	47	59	64	70	71	72	73	65	78
BOX HBX 56 T4 (A5:6) (40º)	Inlet	53	66	76	82	81	75	73	64	86
BOX HBX 56 T4 (A5:6) (45º)	Inlet	57	70	85	91	88	77	73	64	93
BOX HBX 63 T4 (A5:6) (20º)	Inlet	66	73	78	79	80	77	76	69	86
BOX HBX 63 T4 (A5:6) (25º)	Inlet	51	60	65	70	74	73	73	67	80
BOX HBX 63 T4 (A5:6) (30º)	Inlet	54	62	72	79	77	76	76	69	84
BOX HBX 63 T4 (A5:6) (35º)	Inlet	50	62	67	71	75	74	76	69	81
BOX HBX 63 T4 (A5:6) (40º)	Inlet	51	63	74	86	83	78	76	68	89
BOX HBX 63 T4 (A5:6) (45º)	Inlet	52	63	79	97	89	81	76	68	97
BOX HBX 71 T4 (A5:6) (20º)	Inlet	68	75	80	82	82	80	79	72	89
BOX HBX 71 T4 (A5:6) (25º)	Inlet	55	65	71	75	78	79	79	70	85
BOX HBX 71 T4 (A5:6) (30º)	Inlet	57	65	72	78	79	78	78	69	84
BOX HBX 71 T4 (A5:6) (35º)	Inlet	50	62	67	72	75	76	77	68	81
BOX HBX 71 T4 (A5:6) (40º)	Inlet	54	65	80	89	85	80	78	69	92
BOX HBX 71 T4 (A5:6) (45º)	Inlet	58	67	89	102	93	84	80	69	102
BOX HBX 80 T4 (A5:6) (20º)	Inlet	71	78	83	85	85	83	82	75	91
BOX HBX 80 T4 (A5:6) (25º)	Inlet	58	65	71	76	78	78	79	71	85
BOX HBX 80 T4 (A5:6) (30º)	Inlet	58	69	76	86	84	82	82	74	90

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
BOX HBX 80 T4 (A5:6) (35º)	Inlet	55	67	73	81	86	84	84	75	91
BOX HBX 80 T4 (A5:6) (40º)	Inlet	56	69	85	90	87	83	81	73	94
BOX HBX 90 T4 (A6:3) (20º)	Inlet	57	60	69	71	76	78	81	74	84
BOX HBX 90 T4 (A6:3) (22º)	Inlet	58	62	71	74	78	79	82	76	86
BOX HBX 90 T4 (A6:3) (24º)	Inlet	59	63	72	76	79	80	83	77	87
BOX HBX 90 T4 (A6:3) (26º)	Inlet	60	65	73	77	80	81	83	78	88
BOX HBX 90 T4 (A6:3) (28º)	Inlet	61	66	74	79	81	83	84	78	89
BOX HBX 90 T4 (A6:3) (30º)	Inlet	62	68	75	81	82	84	85	79	90
BOX HBX 90 T4 (A6:3) (32º)	Inlet	62	68	75	82	83	84	85	80	90
BOX HBX 90 T4 (A6:3) (34º)	Inlet	62	69	76	83	84	85	86	80	91
BOX HBX 90 T4 (A6:3) (36º)	Inlet	62	69	77	84	84	86	86	80	92
BOX HBX 90 T4 (A6:3) (38º)	Inlet	63	70	78	85	86	87	87	82	93
BOX HBX 90 T4 (A6:3) (40º)	Inlet	63	71	78	86	87	88	88	82	94
BOX HBX 90 T4 (A6:3) (42º)	Inlet	63	72	79	87	88	89	89	83	95
BOX HBX 90 T4 (A6:6) (20º)	Inlet	62	72	78	85	89	87	88	83	94
BOX HBX 90 T4 (A6:6) (22º)	Inlet	62	72	79	86	89	88	88	83	94
BOX HBX 90 T4 (A6:6) (24º)	Inlet	63	73	79	86	89	88	89	84	95
BOX HBX 90 T4 (A6:6) (26º)	Inlet	64	74	80	87	89	89	89	84	95
BOX HBX 90 T4 (A6:6) (28º)	Inlet	65	74	80	87	89	89	90	85	95
BOX HBX 90 T4 (A6:6) (30º)	Inlet	66	75	80	87	89	89	90	85	96
BOX HBX 90 T4 (A6:6) (32º)	Inlet	64	73	79	85	87	88	89	84	94
BOX HBX 90 T4 (A6:6) (34º)	Inlet	63	72	77	84	85	86	88	82	92
BOX HBX 90 T4 (A6:6) (36º)	Inlet	63	72	77	83	84	86	87	82	92
BOX HBX 90 T4 (A6:6) (38º)	Inlet	64	72	78	84	85	86	88	82	93
BOX HBX 90 T4 (A6:6) (40º)	Inlet	64	73	79	84	86	87	88	82	93
BOX HBX 90 T4 (A6:6) (42º)	Inlet	65	74	80	85	86	87	88	82	93
BOX HBX 100 T4 (A6:3) (20º)	Inlet	61	68	73	78	84	85	89	81	92
BOX HBX 100 T4 (A6:3) (22º)	Inlet	62	69	75	79	84	86	89	82	92
BOX HBX 100 T4 (A6:3) (24º)	Inlet	62	69	75	80	84	86	88	81	92
BOX HBX 100 T4 (A6:3) (26º)	Inlet	62	69	75	80	84	85	87	81	91
BOX HBX 100 T4 (A6:3) (28º)	Inlet	62	69	75	80	83	85	87	80	91
BOX HBX 100 T4 (A6:3) (30º)	Inlet	63	69	75	81	83	84	86	80	91
BOX HBX 100 T4 (A6:3) (32º)	Inlet	64	70	77	82	84	86	87	81	92
BOX HBX 100 T4 (A6:3) (34º)	Inlet	66	71	79	84	86	87	87	82	93
BOX HBX 100 T4 (A6:3) (36º)	Inlet	66	72	79	85	86	88	88	83	93
BOX HBX 100 T4 (A6:3) (38º)	Inlet	66	73	79	86	87	88	88	83	94
BOX HBX 100 T4 (A6:3) (40º)	Inlet	66	73	80	86	88	89	89	84	95
BOX HBX 100 T4 (A6:3) (42º)	Inlet	66	74	80	87	89	90	90	85	95
BOX HBX 100 T4 (A6:6) (20º)	Inlet	65	77	82	92	93	92	92	88	99

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
BOX HBX 100 T4 (A6:6) (22º)	Inlet	66	77	82	91	92	92	92	88	98
BOX HBX 100 T4 (A6:6) (24º)	Inlet	67	77	82	91	92	92	92	88	98
BOX HBX 100 T4 (A6:6) (26º)	Inlet	68	77	83	91	92	92	93	88	99
BOX HBX 100 T4 (A6:6) (28º)	Inlet	69	78	84	91	92	93	93	89	99
BOX HBX 100 T4 (A6:6) (30º)	Inlet	70	78	85	91	92	93	94	89	99
BOX HBX 100 T4 (A6:6) (32º)	Inlet	69	77	84	89	90	91	92	87	98
BOX HBX 100 T4 (A6:6) (34º)	Inlet	68	76	83	87	89	90	91	86	96
BOX HBX 100 T4 (A6:6) (36º)	Inlet	68	76	83	86	89	89	91	85	96
BOX HBX 100 T4 (A6:6) (38º)	Inlet	69	77	83	87	89	90	91	86	96
BOX HBX 100 T4 (A6:6) (40º)	Inlet	69	77	84	88	90	91	92	86	97
BOX HBX 100 T4 (A6:6) (42º)	Inlet	69	77	84	88	90	91	92	86	97
BOX HBX 112 T4 (A6:3) (20º)	Inlet	64	71	77	83	88	90	91	86	96
BOX HBX 112 T4 (A6:3) (22º)	Inlet	65	72	78	84	89	90	92	87	96
BOX HBX 112 T4 (A6:3) (24º)	Inlet	67	74	79	85	89	90	92	87	97
BOX HBX 112 T4 (A6:3) (26º)	Inlet	67	74	80	86	89	90	92	87	97
BOX HBX 112 T4 (A6:3) (28º)	Inlet	68	74	81	86	89	90	92	87	97
BOX HBX 112 T4 (A6:3) (30º)	Inlet	68	73	81	86	88	89	92	86	96
BOX HBX 112 T4 (A6:3) (32º)	Inlet	69	74	81	86	89	90	91	86	96
BOX HBX 112 T4 (A6:3) (34º)	Inlet	69	74	82	87	89	90	91	87	96
BOX HBX 112 T4 (A6:3) (36º)	Inlet	70	75	82	87	89	90	91	87	96
BOX HBX 112 T4 (A6:3) (38º)	Inlet	70	75	82	88	90	91	91	87	97
BOX HBX 112 T4 (A6:3) (40º)	Inlet	69	76	82	88	90	91	91	87	97
BOX HBX 112 T4 (A6:3) (42º)	Inlet	70	76	82	88	91	92	92	87	97
BOX HBX 112 T4 (A6:6) (20º)	Inlet	66	77	83	94	95	94	95	90	101
BOX HBX 112 T4 (A6:6) (22º)	Inlet	67	77	83	93	95	94	95	89	101
BOX HBX 112 T4 (A6:6) (24º)	Inlet	68	77	83	92	94	93	94	88	100
BOX HBX 112 T4 (A6:6) (26º)	Inlet	69	78	84	92	94	94	95	89	100
BOX HBX 112 T4 (A6:6) (28º)	Inlet	70	79	84	92	94	94	95	88	100
BOX HBX 112 T4 (A6:6) (30º)	Inlet	71	79	84	91	93	94	95	88	100
BOX HBX 112 T4 (A6:6) (32º)	Inlet	71	78	84	89	92	93	94	87	99
BOX HBX 112 T4 (A6:6) (34º)	Inlet	70	78	83	87	91	92	93	86	98
BOX HBX 112 T4 (A6:6) (36º)	Inlet	71	79	84	87	91	93	93	86	98
BOX HBX 112 T4 (A6:6) (38º)	Inlet	73	80	86	89	92	94	94	87	99
BOX HBX 112 T4 (A6:6) (40º)	Inlet	75	81	88	91	94	95	96	89	101
BOX HBX 112 T4 (A6:6) (42º)	Inlet	75	80	88	91	94	95	95	89	101
BOX HBX 125 T4 (A7:4) (20º)	Inlet	69	82	87	94	98	99	100	97	105
BOX HBX 125 T4 (A7:4) (22º)	Inlet	71	83	89	95	98	100	101	97	106
BOX HBX 125 T4 (A7:4) (24º)	Inlet	72	81	87	93	96	98	99	95	104
BOX HBX 125 T4 (A7:4) (26º)	Inlet	72	80	86	91	95	96	97	92	102

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
BOX HBX 125 T4 (A7:4) (28°)	Inlet	72	79	85	89	93	95	96	90	100
BOX HBX 125 T4 (A7:4) (30°)	Inlet	70	78	83	87	91	93	93	87	98
BOX HBX 125 T4 (A7:4) (32°)	Inlet	70	77	83	87	90	92	93	86	98
BOX HBX 125 T4 (A7:4) (34°)	Inlet	70	77	83	87	90	92	93	85	97
BOX HBX 125 T4 (A7:4) (36°)	Inlet	70	78	83	87	90	92	93	85	98
BOX HBX 125 T4 (A7:4) (38°)	Inlet	71	79	84	88	91	93	93	86	98
BOX HBX 125 T4 (A7:4) (40°)	Inlet	72	79	85	88	91	94	93	86	99
BOX HBX 125 T4 (A7:4) (42°)	Inlet	72	80	85	89	92	94	94	87	99
BOX HBX 125 T4 (A7:8) (20°)	Inlet	74	82	89	97	103	107	105	100	111
BOX HBX 125 T4 (A7:8) (22°)	Inlet	74	81	89	96	102	106	104	99	110
BOX HBX 125 T4 (A7:8) (24°)	Inlet	74	81	88	95	101	104	103	97	108
BOX HBX 125 T4 (A7:8) (26°)	Inlet	74	80	88	94	99	103	102	96	107
BOX HBX 125 T4 (A7:8) (28°)	Inlet	74	80	87	93	98	102	101	95	106
BOX HBX 125 T4 (A7:8) (30°)	Inlet	73	79	86	92	96	100	99	93	104
BOX HBX 125 T4 (A7:8) (32°)	Inlet	73	80	86	91	96	98	98	91	103
BOX HBX 125 T4 (A7:8) (34°)	Inlet	74	80	87	91	95	97	97	89	102
BOX HBX 125 T4 (A7:8) (36°)	Inlet	74	80	87	91	94	96	96	88	101
BOX HBX 125 T4 (A7:8) (38°)	Inlet	74	81	87	91	94	96	95	88	101
BOX HBX 125 T4 (A7:8) (40°)	Inlet	73	80	86	90	94	96	94	88	100
BOX HBX 125 T4 (A7:8) (42°)	Inlet	73	80	86	91	94	96	94	87	100

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
BOX HBX 45 T6 (A0:6) (35°)	Inlet	32	39	45	49	53	53	55	48	60
BOX HBX 45 T6 (A0:6) (40°)	Inlet	34	42	47	51	54	55	55	49	61
BOX HBX 45 T6 (A5:6) (25°)	Inlet	33	38	45	52	50	52	54	46	59
BOX HBX 45 T6 (A5:6) (30°)	Inlet	36	41	48	52	54	55	56	47	61
BOX HBX 45 T6 (A5:6) (35°)	Inlet	37	41	49	50	55	55	57	46	62
BOX HBX 45 T6 (A5:6) (40°)	Inlet	40	44	52	54	57	57	59	50	64
BOX HBX 45 T6 (A5:6) (45°)	Inlet	39	43	51	55	58	59	60	52	65
BOX HBX 50 T6 (A0:6) (35°)	Inlet	33	41	48	50	53	53	54	47	60
BOX HBX 50 T6 (A0:6) (40°)	Inlet	36	44	49	53	56	55	57	50	62
BOX HBX 50 T6 (A5:6) (25°)	Inlet	32	39	44	49	51	54	56	48	60
BOX HBX 50 T6 (A5:6) (30°)	Inlet	35	40	47	51	54	55	58	49	62
BOX HBX 50 T6 (A5:6) (35°)	Inlet	36	41	48	55	57	58	60	51	64
BOX HBX 50 T6 (A5:6) (40°)	Inlet	37	44	49	55	57	58	60	51	64

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
BOX HBX 50 T6 (A5:6) (45º)	Inlet	40	47	52	60	61	61	63	55	68
BOX HBX 56 T6 (A5:6) (20º)	Inlet	60	67	72	73	74	72	70	62	79
BOX HBX 56 T6 (A5:6) (25º)	Inlet	47	56	61	67	69	69	70	61	75
BOX HBX 56 T6 (A5:6) (30º)	Inlet	55	65	72	74	75	73	71	63	80
BOX HBX 56 T6 (A5:6) (35º)	Inlet	44	55	60	66	67	68	69	61	75
BOX HBX 56 T6 (A5:6) (40º)	Inlet	50	63	73	78	78	72	70	61	82
BOX HBX 56 T6 (A5:6) (45º)	Inlet	54	66	81	87	85	74	70	60	90
BOX HBX 63 T6 (A5:6) (20º)	Inlet	63	70	75	76	77	74	73	66	82
BOX HBX 63 T6 (A5:6) (25º)	Inlet	48	57	62	67	71	70	70	64	76
BOX HBX 63 T6 (A5:6) (30º)	Inlet	51	59	69	76	74	73	73	66	80
BOX HBX 63 T6 (A5:6) (35º)	Inlet	47	59	64	68	72	71	73	66	78
BOX HBX 63 T6 (A5:6) (40º)	Inlet	48	60	71	83	80	75	73	65	85
BOX HBX 63 T6 (A5:6) (45º)	Inlet	49	60	76	93	85	78	73	64	94
BOX HBX 71 T6 (A5:6) (20º)	Inlet	65	72	77	79	79	77	76	69	85
BOX HBX 71 T6 (A5:6) (25º)	Inlet	52	62	68	72	75	76	76	67	81
BOX HBX 71 T6 (A5:6) (30º)	Inlet	54	62	68	74	75	75	74	65	81
BOX HBX 71 T6 (A5:6) (35º)	Inlet	46	58	63	68	71	72	73	64	78
BOX HBX 71 T6 (A5:6) (40º)	Inlet	51	61	76	86	82	77	75	65	88
BOX HBX 71 T6 (A5:6) (45º)	Inlet	54	63	85	98	89	80	76	66	99
BOX HBX 80 T6 (A5:6) (20º)	Inlet	68	75	80	82	82	80	79	72	88
BOX HBX 80 T6 (A5:6) (25º)	Inlet	55	62	68	73	75	75	76	68	81
BOX HBX 80 T6 (A5:6) (30º)	Inlet	55	66	73	83	81	79	79	71	87
BOX HBX 80 T6 (A5:6) (35º)	Inlet	52	64	70	78	83	81	81	72	87
BOX HBX 80 T6 (A5:6) (40º)	Inlet	53	66	82	87	84	80	78	70	90
BOX HBX 80 T6 (A5:6) (45º)	Inlet	53	67	90	93	84	79	76	68	95
BOX HBX 90 T6 (A6:3) (20º)	Inlet	47	51	60	62	67	68	71	65	75
BOX HBX 90 T6 (A6:3) (22º)	Inlet	49	52	61	64	68	70	72	66	76
BOX HBX 90 T6 (A6:3) (24º)	Inlet	50	54	62	66	69	71	73	67	77
BOX HBX 90 T6 (A6:3) (26º)	Inlet	51	55	63	68	71	72	74	68	78
BOX HBX 90 T6 (A6:3) (28º)	Inlet	52	57	64	70	72	73	75	69	79
BOX HBX 90 T6 (A6:3) (30º)	Inlet	52	58	65	72	73	74	76	70	80
BOX HBX 90 T6 (A6:3) (32º)	Inlet	53	59	66	73	74	75	76	70	81
BOX HBX 90 T6 (A6:3) (34º)	Inlet	53	59	66	74	74	76	76	70	82
BOX HBX 90 T6 (A6:3) (36º)	Inlet	53	60	67	75	75	76	77	71	82
BOX HBX 90 T6 (A6:3) (38º)	Inlet	53	61	68	76	76	78	78	72	83
BOX HBX 90 T6 (A6:3) (40º)	Inlet	53	62	69	77	77	79	79	73	84
BOX HBX 90 T6 (A6:3) (42º)	Inlet	54	62	70	77	78	80	79	74	85
BOX HBX 90 T6 (A6:6) (20º)	Inlet	52	62	69	76	80	78	78	73	85
BOX HBX 90 T6 (A6:6) (22º)	Inlet	53	63	69	76	80	78	79	74	85

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
BOX HBX 90 T6 (A6:6) (24º)	Inlet	54	64	70	77	80	79	79	75	85
BOX HBX 90 T6 (A6:6) (26º)	Inlet	55	64	70	77	80	79	80	75	86
BOX HBX 90 T6 (A6:6) (28º)	Inlet	56	65	71	77	79	79	80	76	86
BOX HBX 90 T6 (A6:6) (30º)	Inlet	56	65	71	78	79	80	81	76	86
BOX HBX 90 T6 (A6:6) (32º)	Inlet	55	64	69	76	77	78	79	74	85
BOX HBX 90 T6 (A6:6) (34º)	Inlet	54	62	68	74	76	77	78	73	83
BOX HBX 90 T6 (A6:6) (36º)	Inlet	53	62	68	74	75	76	78	72	83
BOX HBX 90 T6 (A6:6) (38º)	Inlet	54	63	68	74	76	77	78	72	83
BOX HBX 90 T6 (A6:6) (40º)	Inlet	55	64	69	75	76	77	79	73	84
BOX HBX 90 T6 (A6:6) (42º)	Inlet	55	64	70	75	77	78	79	73	84
BOX HBX 100 T6 (A6:3) (20º)	Inlet	51	58	64	69	74	76	79	72	82
BOX HBX 100 T6 (A6:3) (22º)	Inlet	52	60	65	70	75	76	80	72	83
BOX HBX 100 T6 (A6:3) (24º)	Inlet	53	60	65	70	75	76	79	72	83
BOX HBX 100 T6 (A6:3) (26º)	Inlet	53	60	65	71	74	76	78	71	82
BOX HBX 100 T6 (A6:3) (28º)	Inlet	53	59	65	71	74	75	77	71	81
BOX HBX 100 T6 (A6:3) (30º)	Inlet	53	59	66	71	74	75	76	71	81
BOX HBX 100 T6 (A6:3) (32º)	Inlet	55	61	67	73	75	76	77	72	82
BOX HBX 100 T6 (A6:3) (34º)	Inlet	56	62	69	74	76	77	78	73	83
BOX HBX 100 T6 (A6:3) (36º)	Inlet	57	63	70	75	77	78	78	73	84
BOX HBX 100 T6 (A6:3) (38º)	Inlet	57	63	70	76	78	79	79	74	85
BOX HBX 100 T6 (A6:3) (40º)	Inlet	57	64	70	77	79	79	79	74	85
BOX HBX 100 T6 (A6:3) (42º)	Inlet	57	65	71	77	80	80	80	75	86
BOX HBX 100 T6 (A6:6) (20º)	Inlet	56	67	73	83	83	83	83	79	90
BOX HBX 100 T6 (A6:6) (22º)	Inlet	56	67	73	82	83	83	83	78	89
BOX HBX 100 T6 (A6:6) (24º)	Inlet	57	67	73	81	82	82	83	78	89
BOX HBX 100 T6 (A6:6) (26º)	Inlet	59	68	74	82	83	83	83	79	89
BOX HBX 100 T6 (A6:6) (28º)	Inlet	60	69	75	82	83	83	84	79	90
BOX HBX 100 T6 (A6:6) (30º)	Inlet	61	69	75	81	82	83	84	79	90
BOX HBX 100 T6 (A6:6) (32º)	Inlet	60	68	74	79	81	82	83	78	88
BOX HBX 100 T6 (A6:6) (34º)	Inlet	59	67	73	77	80	80	82	76	87
BOX HBX 100 T6 (A6:6) (36º)	Inlet	59	67	73	77	79	80	81	76	86
BOX HBX 100 T6 (A6:6) (38º)	Inlet	59	67	74	77	80	81	82	76	87
BOX HBX 100 T6 (A6:6) (40º)	Inlet	60	68	74	78	81	82	82	77	88
BOX HBX 100 T6 (A6:6) (42º)	Inlet	60	68	74	78	81	82	82	76	88
BOX HBX 112 T6 (A6:3) (20º)	Inlet	55	62	67	74	79	80	82	77	86
BOX HBX 112 T6 (A6:3) (22º)	Inlet	56	63	69	75	79	81	82	77	87
BOX HBX 112 T6 (A6:3) (24º)	Inlet	57	64	70	76	80	81	83	78	87
BOX HBX 112 T6 (A6:3) (26º)	Inlet	58	64	71	76	80	81	83	78	87
BOX HBX 112 T6 (A6:3) (28º)	Inlet	59	64	71	76	80	81	83	78	87

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
BOX HBX 112 T6 (A6:3) (30°)	Inlet	59	64	71	76	79	80	82	77	87
BOX HBX 112 T6 (A6:3) (32°)	Inlet	59	64	72	77	79	80	82	77	87
BOX HBX 112 T6 (A6:3) (34°)	Inlet	60	65	72	77	79	80	82	77	87
BOX HBX 112 T6 (A6:3) (36°)	Inlet	60	65	73	78	80	81	82	77	87
BOX HBX 112 T6 (A6:3) (38°)	Inlet	60	66	73	78	80	81	82	77	87
BOX HBX 112 T6 (A6:3) (40°)	Inlet	60	66	72	78	81	82	82	77	87
BOX HBX 112 T6 (A6:3) (42°)	Inlet	60	67	73	79	81	82	82	78	88
BOX HBX 112 T6 (A6:6) (20°)	Inlet	56	68	74	84	86	84	85	80	92
BOX HBX 112 T6 (A6:6) (22°)	Inlet	57	68	74	84	85	84	85	80	91
BOX HBX 112 T6 (A6:6) (24°)	Inlet	58	68	74	83	84	84	85	79	91
BOX HBX 112 T6 (A6:6) (26°)	Inlet	60	68	74	83	84	84	85	79	91
BOX HBX 112 T6 (A6:6) (28°)	Inlet	61	69	75	82	84	85	85	79	91
BOX HBX 112 T6 (A6:6) (30°)	Inlet	62	69	75	82	84	85	85	78	90
BOX HBX 112 T6 (A6:6) (32°)	Inlet	62	69	74	80	82	84	84	77	89
BOX HBX 112 T6 (A6:6) (34°)	Inlet	61	69	74	78	81	83	84	76	88
BOX HBX 112 T6 (A6:6) (36°)	Inlet	62	69	75	78	81	83	84	77	89
BOX HBX 112 T6 (A6:6) (38°)	Inlet	64	71	77	80	83	85	85	78	90
BOX HBX 112 T6 (A6:6) (40°)	Inlet	66	72	78	81	85	86	86	79	91
BOX HBX 112 T6 (A6:6) (42°)	Inlet	66	71	78	81	84	86	86	79	91