

## HMX (ATEX)



ATEX LONG CASE AXIAL

MANUFACTURING FEATURES:

- Reinforced fan casing manufactured in rolling steel sheet.
- Motor-impeller modular assembly for complete versatility.
- Polyester powder finishing coat.
- Cast aluminum impeller with variable pitch angle.
- Motor ATEX asíncrono normalizado. Certificado según zona indicada, IP55 protection and class F insulation. Manufactured with standard voltages: 230/400V 50Hz in three phase motors up to 4kW and 400/690V 50Hz for higher powers.

APPLICATIONS

Designed for wall or duct installation, they are suitable for:

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

## Accessories



**AC**



**AVR**



**AVS**



**BA-400**



**BAD**



**INT ATEX**



**JE 45**



**KIT HI**



**KIT TE**



**KIT TM**



**PO**



**PS**



**RP**



**SFC**



**SIL-C / SIL-CN**

UNDER REQUEST

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

ORGANISM: L.O.M.

CERTIFICAT Nº: LOM 17.755X-C

In compliance with the Directive 2014/34/UE

## Technical data

### Three-phase motor / 4 poles

Code	Model	Angle	Min. Rated power kW	Max. Rated power kW	Max. Airflow m <sup>3</sup> /h	Sound db (A)**	Weight kg	Connect. diagram
	HMX 35 T4 (A0:6)	35° - 40°	0,25	0,25	3.440	42	12	1
	HMX 40 T4 (A0:6)	35° - 40°	0,25	0,25	4.670	46	15	1
	HMX 45 T4 (A0:6)	35° - 40°	0,25	0,25	6.360	47	18	1
	HMX 45 T4 (A5:6)	25° - 45°	0,25	0,55	6.760	51	20	1
	HMX 50 T4 (A0:6)	35° - 40°	0,37	0,37	8.140	48	25	1
	HMX 50 T4 (A5:6)	25° - 45°	0,25	0,75	9.420	54	27	1
	HMX 56 T4 (A5:6)	20° - 45°	0,37	2,20	14.640	70	35	1
	HMX 63 T4 (A5:6)	20° - 45°	0,55	3,00	20.350	74	38	1
	HMX 71 T4 (A5:6)	20° - 45°	0,75	4,00	27.520	79	45	1
	HMX 80 T4 (A5:6)	20° - 40°	1,10	4,00	34.470	71	54	1
	HMX 90 T4 (A6:3)	20° - 42°	3,00	15,00	50.950	72	112	1
	HMX 90 T4 (A6:6)	20° - 42°	3,00	15,00	58.310	73	117	1
	HMX 100 T4 (A6:3)	20° - 42°	5,50	22,00	69.340	72	140	1
	HMX 100 T4 (A6:6)	20° - 42°	5,50	22,00	81.210	76	146	1
	HMX 112 T4 (A6:3)	20° - 42°	5,50	37,00	92.050	74	177	1
	HMX 112 T4 (A6:6)	20° - 42°	5,50	37,00	109.010	78	184	1
	HMX 125 T4 (A7:4)	20° - 42°	7,50	45,00	132.010	83	203	1
	HMX 125 T4 (A7:8)	20° - 42°	11,00	45,00	151.010	88	212	1

### Three-phase motor / 6 poles

Code	Model	Angle	Min. Rated power kW	Max. Rated power kW	Max. Airflow m <sup>3</sup> /h	Sound db (A)**	Weight kg	Connect. diagram
	HMX 40 T6 (A0:6)	35° - 40°	0,25	0,25	3.030	37	15	1
	HMX 45 T6 (A0:6)	35° - 40°	0,25	0,25	4.120	38	18	1
	HMX 45 T6 (A5:6)	25° - 45°	0,25	0,25	4.380	42	20	1
	HMX 50 T6 (A0:6)	35° - 40°	0,25	0,25	5.270	39	25	1
	HMX 50 T6 (A5:6)	25° - 45°	0,25	0,25	6.100	45	27	1
	HMX 56 T6 (A5:6)	20° - 45°	0,25	0,55	9.760	67	35	1
	HMX 63 T6 (A5:6)	20° - 45°	0,37	0,75	13.570	71	38	1
	HMX 71 T6 (A5:6)	20° - 45°	0,37	1,10	18.350	76	45	1
	HMX 80 T6 (A5:6)	20° - 45°	0,75	2,20	25.190	72	54	1
	HMX 90 T6 (A6:3)	20° - 42°	1,50	4,00	33.010	62	112	1
	HMX 90 T6 (A6:6)	20° - 42°	1,50	4,00	37.810	63	117	1

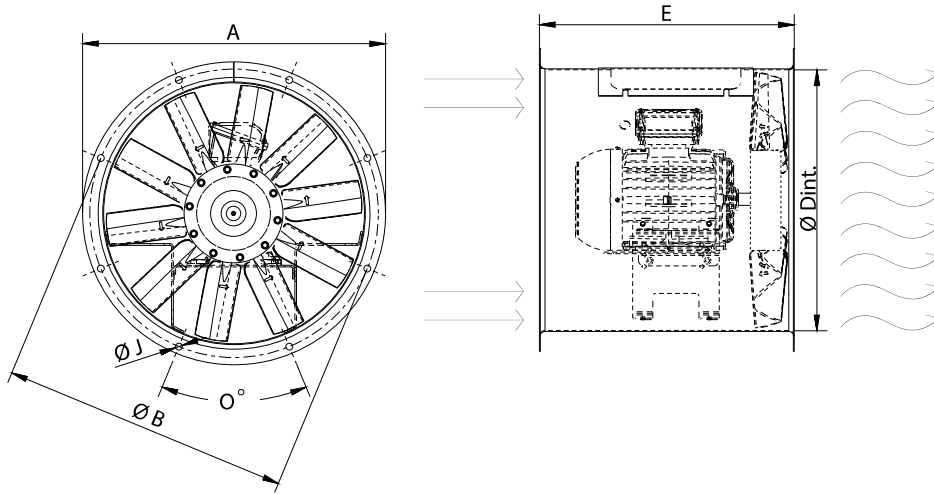
Code	Model	Angle	Min. Rated power kW	Max. Rated power kW	Max. Airflow m <sup>3</sup> /h	Sound db (A)**	Weight kg	Connect. diagram
	HMX 100 T6 (A6:3)	20° - 42°	3,00	7,50	44.970	63	140	1
	HMX 100 T6 (A6:6)	20° - 42°	3,00	7,50	52.610	67	146	1
	HMX 112 T6 (A6:3)	20° - 42°	3,00	11,00	59.660	65	177	1
	HMX 112 T6 (A6:6)	20° - 42°	3,00	11,00	70.510	69	184	1
	HMX 125 T6 (A7:4)	20° - 42°	3,00	15,00	85.410	73	203	1
	HMX 125 T6 (A7:8)	20° - 42°	3,00	15,00	98.110	79	212	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



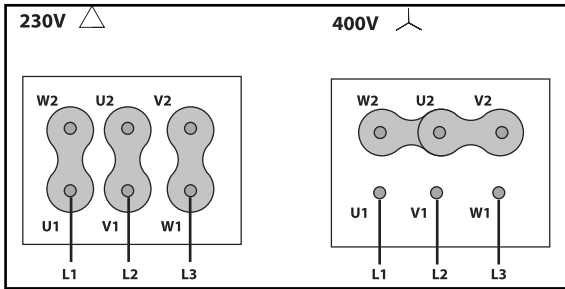
Model	E	O	ØA	ØB	ØD	ØJ
HMX 35 T4 (A0:6)	350	8x45°	434	395	365	10
HMX 40 T4 (A0:6)	440	8x45°	472	450	403	10
HMX 40 T6 (A0:6)	440	8x45°	472	450	403	10
HMX 45 T4 (A0:6)	455	8x45°	525	500	452	12
HMX 45 T4 (A5:6)	455	8x45°	525	500	452	12
HMX 45 T6 (A0:6)	455	8x45°	525	500	452	12
HMX 45 T6 (A5:6)	455	8x45°	525	500	452	12
HMX 50 T4 (A0:6)	440	12x30°	600	560	504	12
HMX 50 T4 (A5:6)	440	12x30°	600	560	504	12
HMX 50 T6 (A0:6)	440	12x30°	600	560	504	12
HMX 50 T6 (A5:6)	440	12x30°	600	560	504	12
HMX 56 T4 (A5:6)	560	12x30°	646	620	559	12
HMX 56 T6 (A5:6)	560	12x30°	646	620	559	12
HMX 63 T4 (A5:6)	550	12x30°	725	690	633	12
HMX 63 T6 (A5:6)	550	12x30°	725	690	633	12
HMX 71 T4 (A5:6)	600	16x22,5°	802	770	715	12
HMX 71 T6 (A5:6)	600	16x22,5°	802	770	715	12
HMX 80 T4 (A5:6)	600	16x22,5°	892	860	801	12
HMX 80 T6 (A5:6)	600	16x22,5°	892	860	801	12
HMX 90 T4 (A6:3)	820	16x22,5°	1000	970	903.5	12
HMX 90 T4 (A6:6)	820	16x22,5°	1000	970	903.5	12
HMX 90 T6 (A6:3)	820	16x22,5°	1000	970	903.5	12
HMX 90 T6 (A6:6)	820	16x22,5°	1000	970	903.5	12
HMX 100 T4 (A6:3)	820	16x22,5°	1115	1070	1013	12
HMX 100 T4 (A6:6)	820	16x22,5°	1115	1070	1013	12

Model	E	O	ØA	ØB	ØD	ØJ
HMX 100 T6 (A6:3)	820	16x22,5º	1115	1070	1013	12
HMX 100 T6 (A6:6)	820	16x22,5º	1115	1070	1013	12
HMX 112 T4 (A6:3)	1000	16x22,5º	1234	1190	1132	12
HMX 112 T4 (A6:6)	1000	16x22,5º	1234	1190	1132	12
HMX 112 T6 (A6:3)	1000	16x22,5º	1234	1190	1132	12
HMX 112 T6 (A6:6)	1000	16x22,5º	1234	1190	1132	12
HMX 125 T4 (A7:4)	1000	20x18º	1365	1320	1263	15
HMX 125 T4 (A7:8)	1000	20x18º	1365	1320	1263	15
HMX 125 T6 (A7:4)	1000	20x18º	1365	1320	1263	15
HMX 125 T6 (A7:8)	1000	20x18º	1365	1320	1263	15

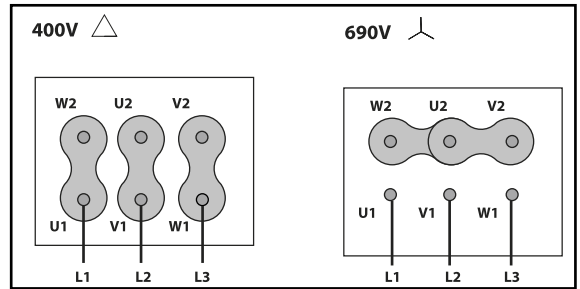
# Wiring diagram

Wiring diagram N° 1

230/400V



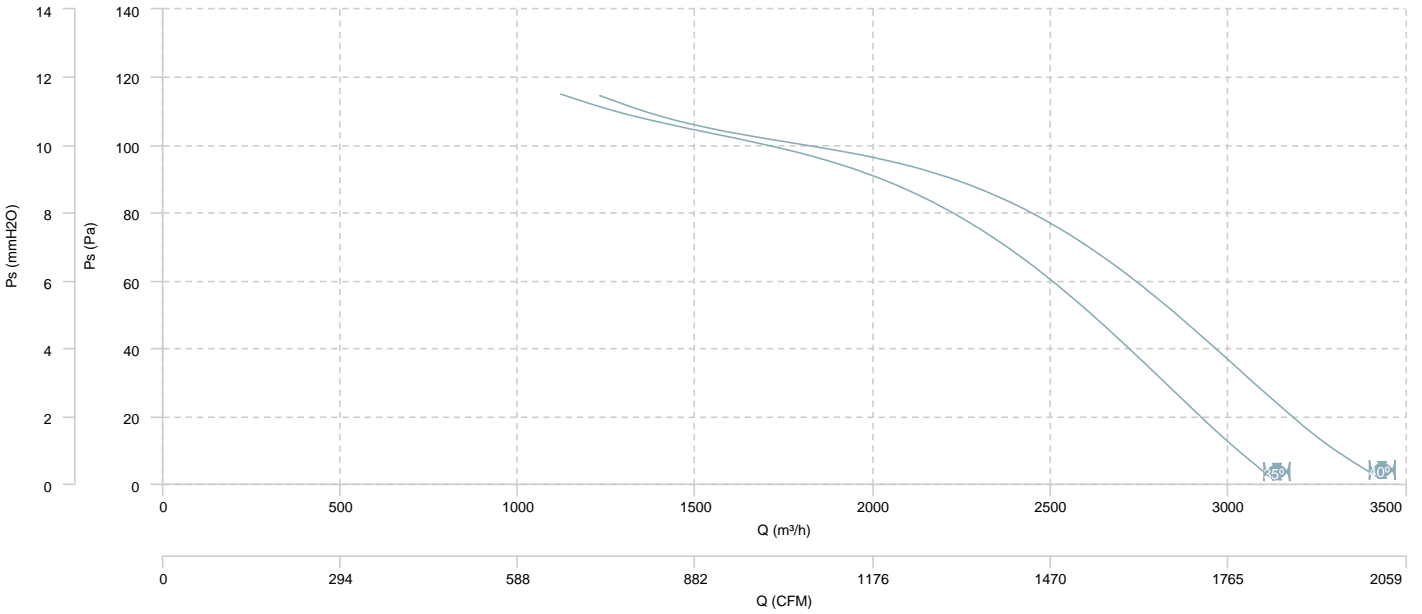
400/690V



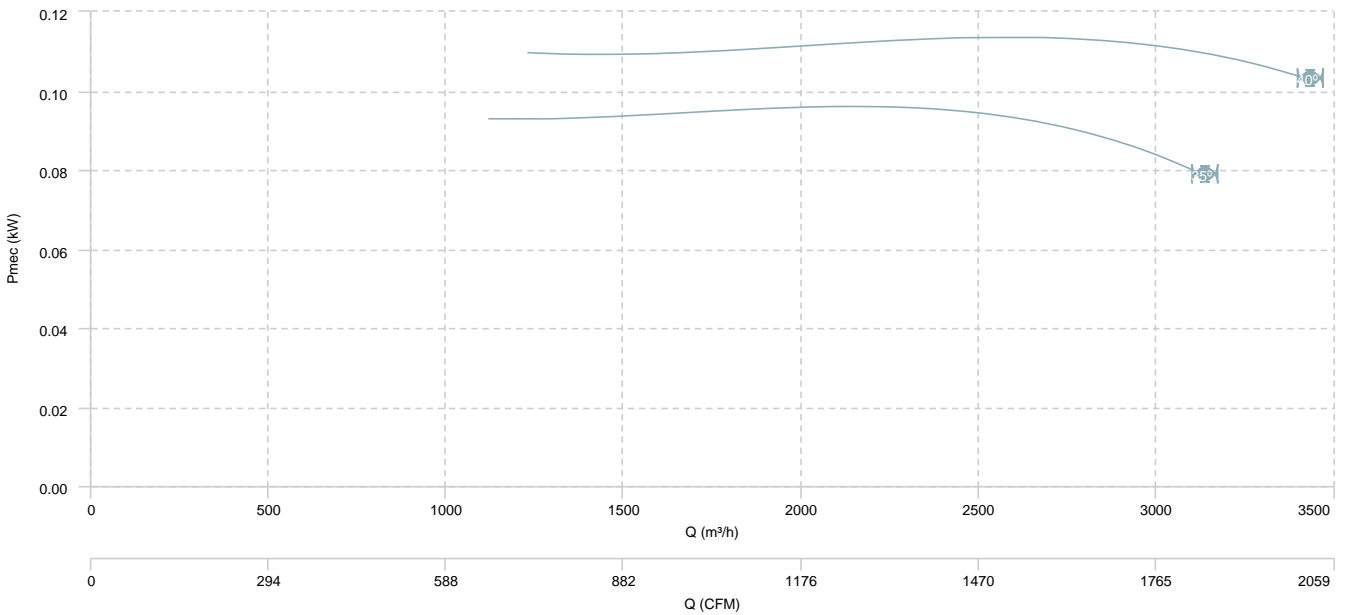
# CHARACTERISTIC CURVE

HMX 35 T4 (A0:6)

## AIR FLOW - PRESSURE

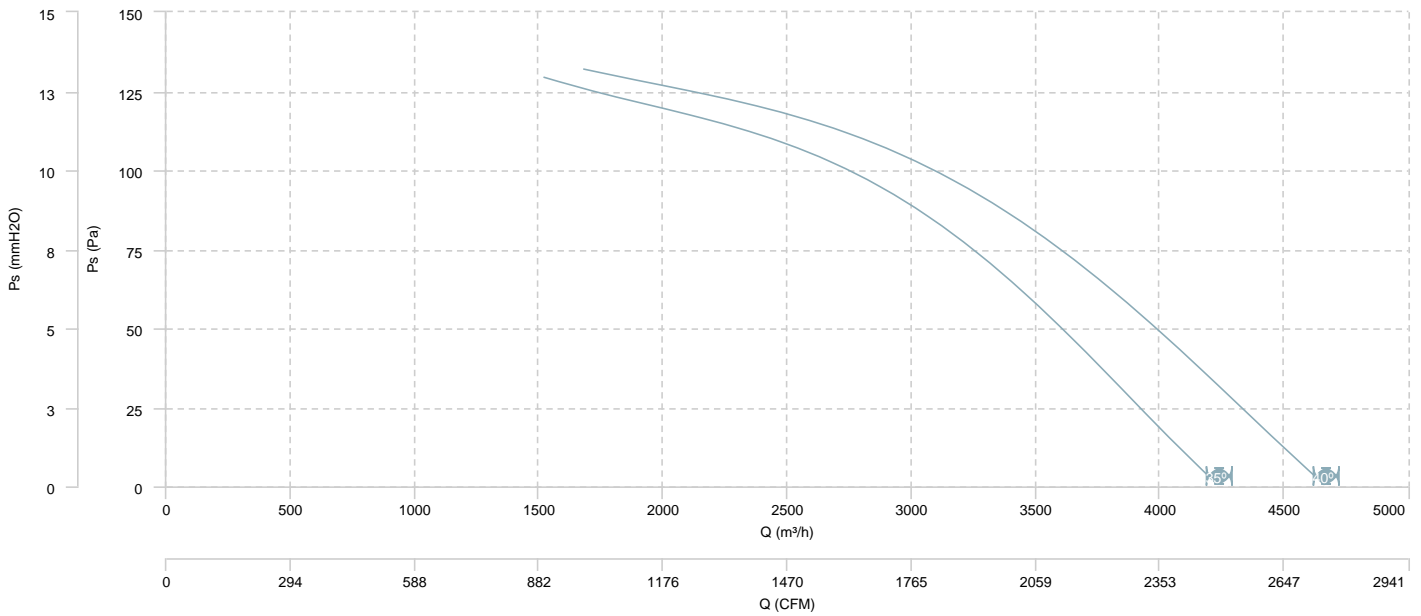


## AIR FLOW - MECHANICAL POWER

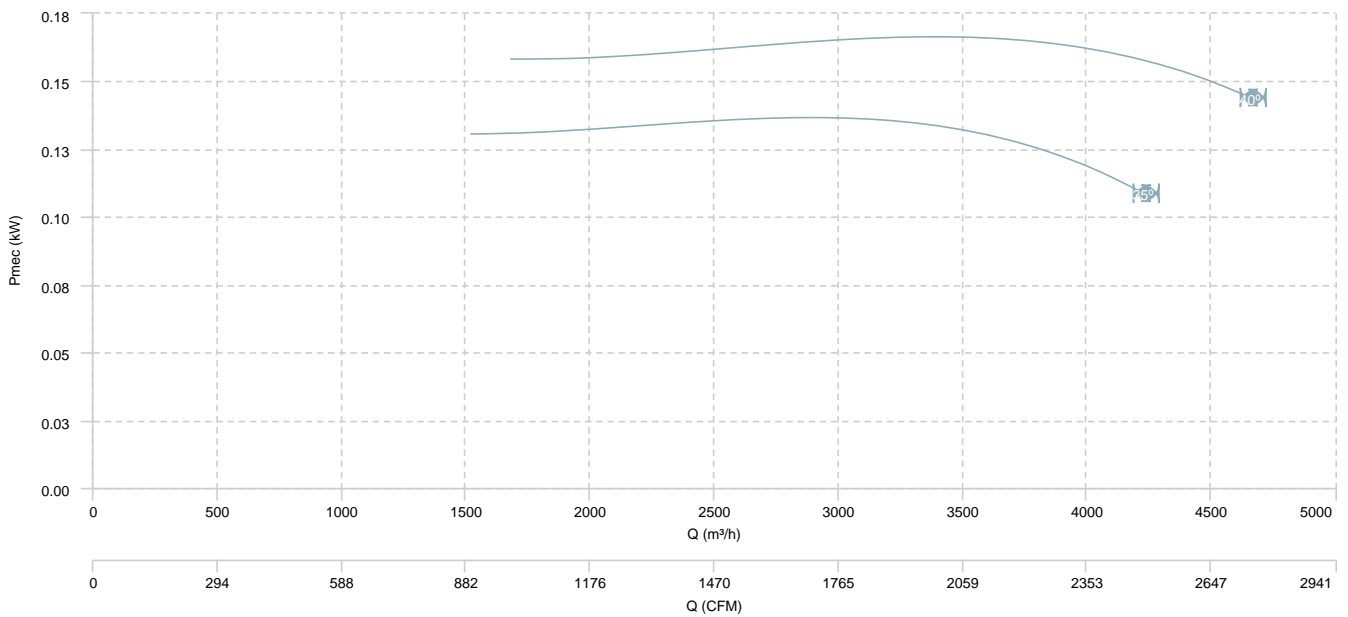


## HMX 40 T4 (A0:6)

### AIR FLOW - PRESSURE



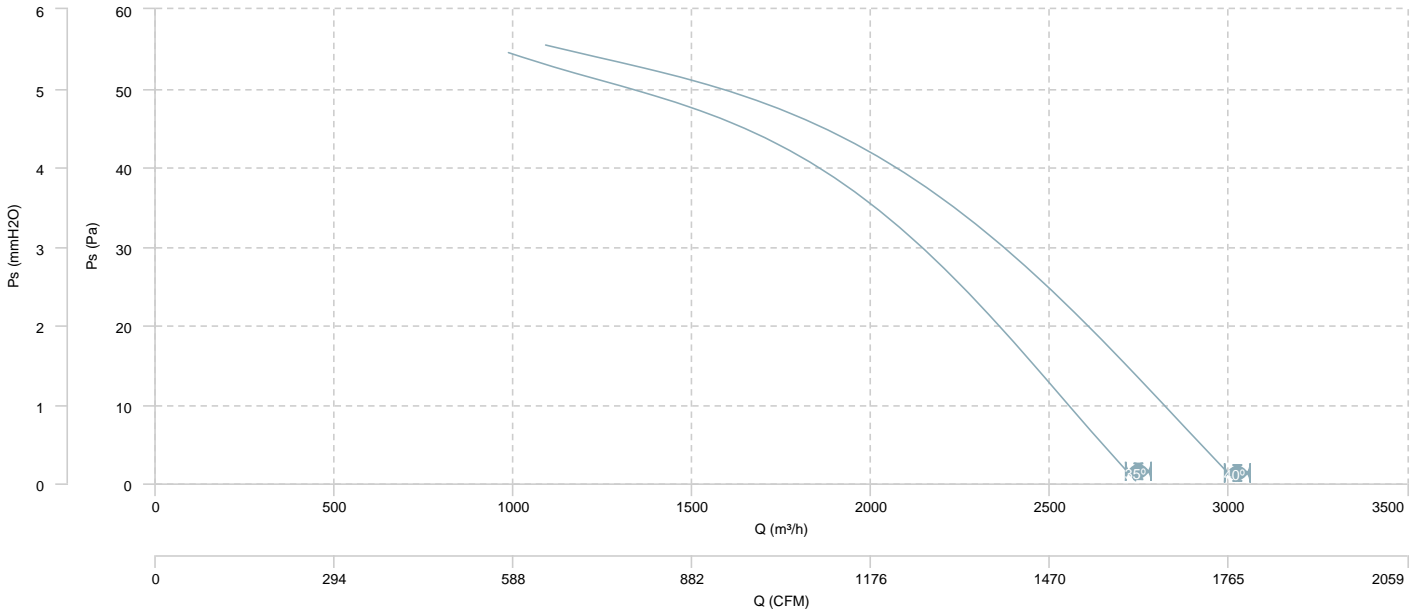
### AIR FLOW - MECHANICAL POWER



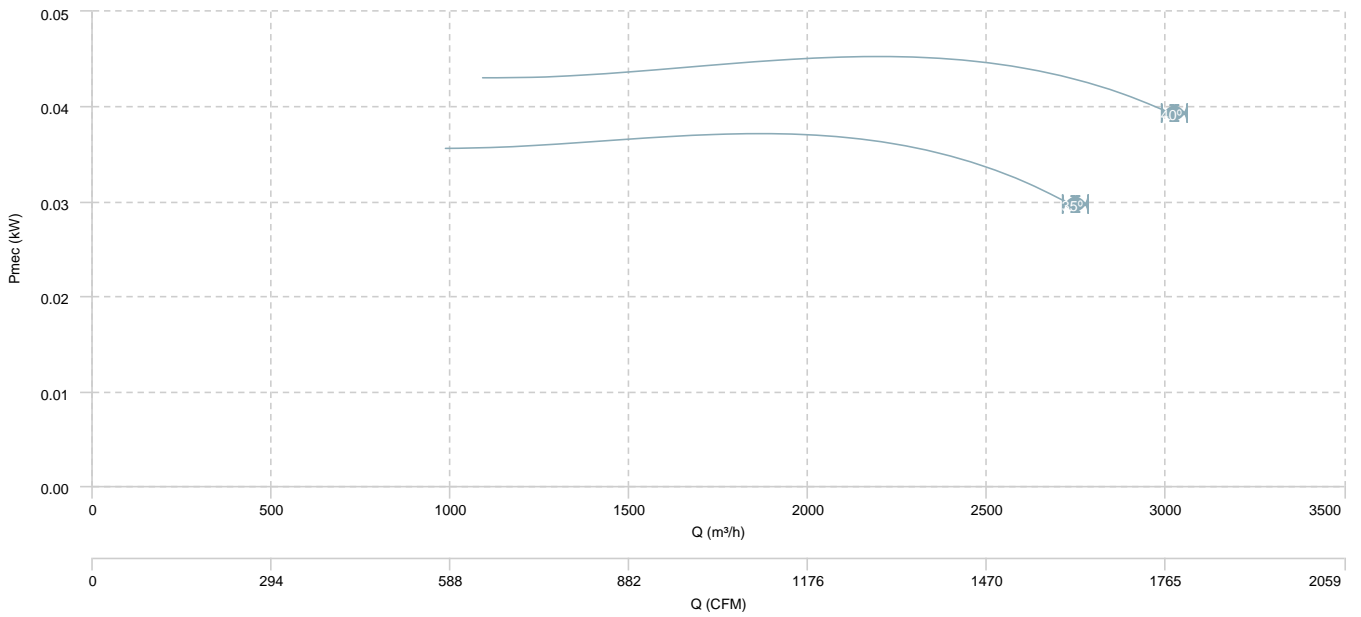


HMX 40 T6 (A0:6)

## AIR FLOW - PRESSURE

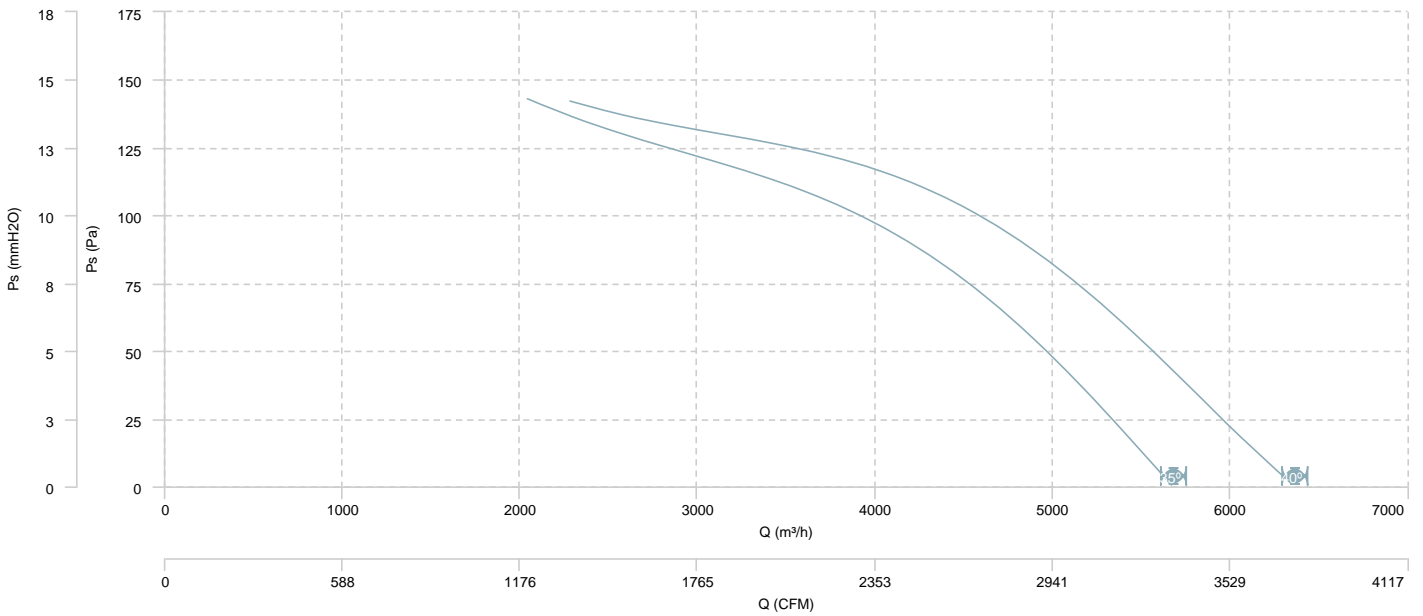


## AIR FLOW - MECHANICAL POWER

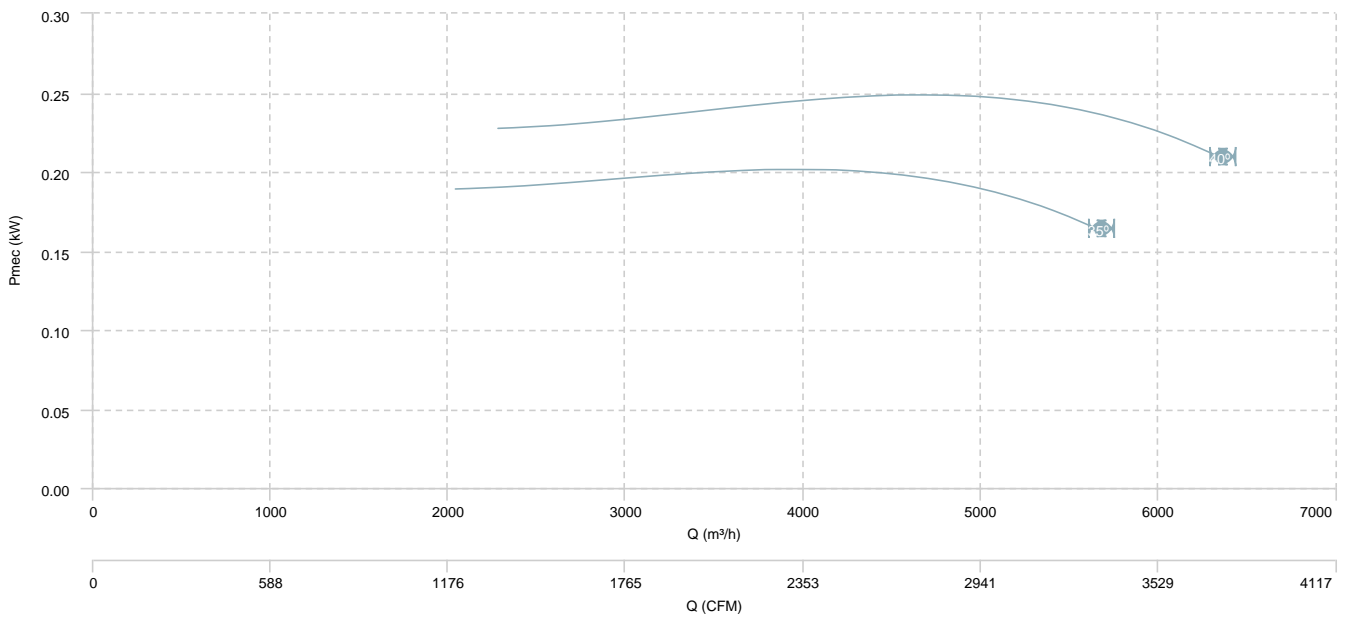


## HMX 45 T4 (A0:6)

### AIR FLOW - PRESSURE

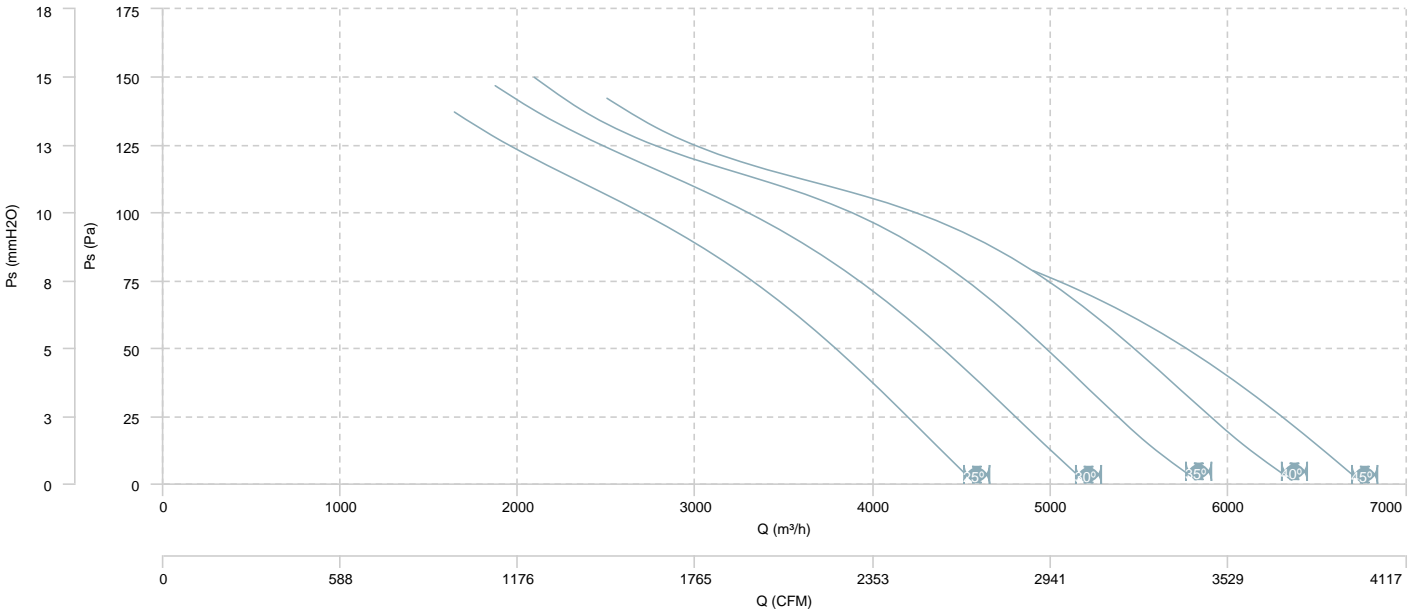


### AIR FLOW - MECHANICAL POWER

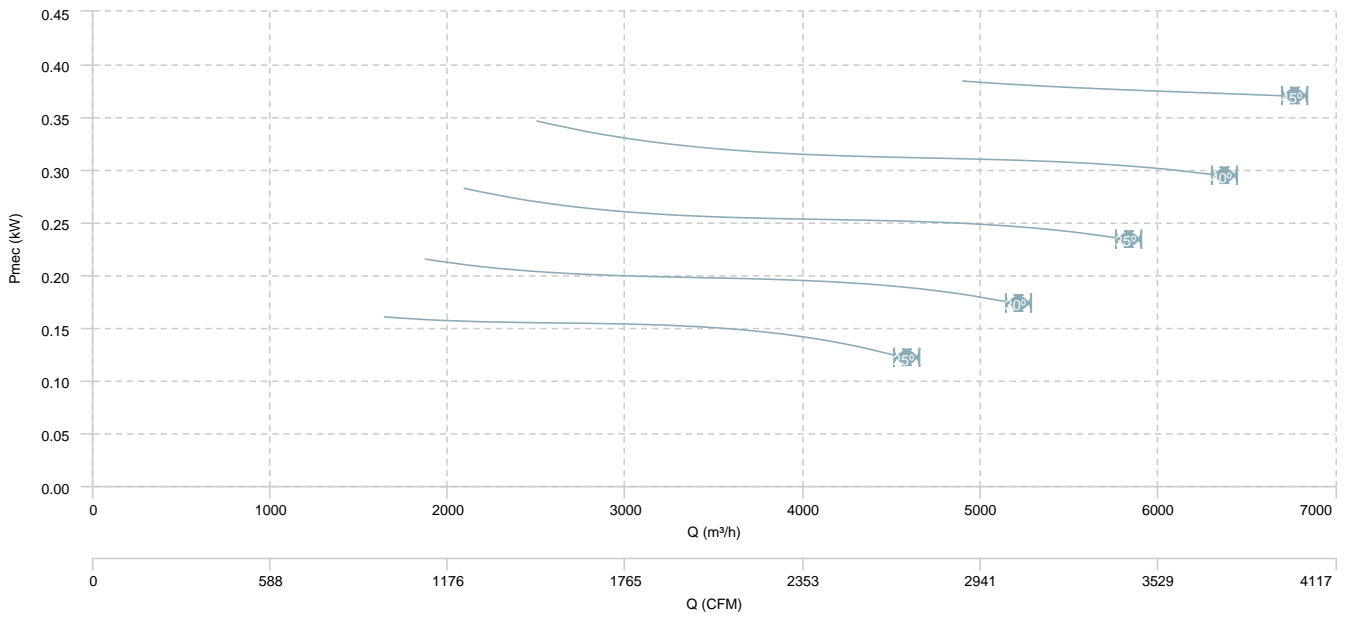


## HMX 45 T4 (A5:6)

### AIR FLOW - PRESSURE

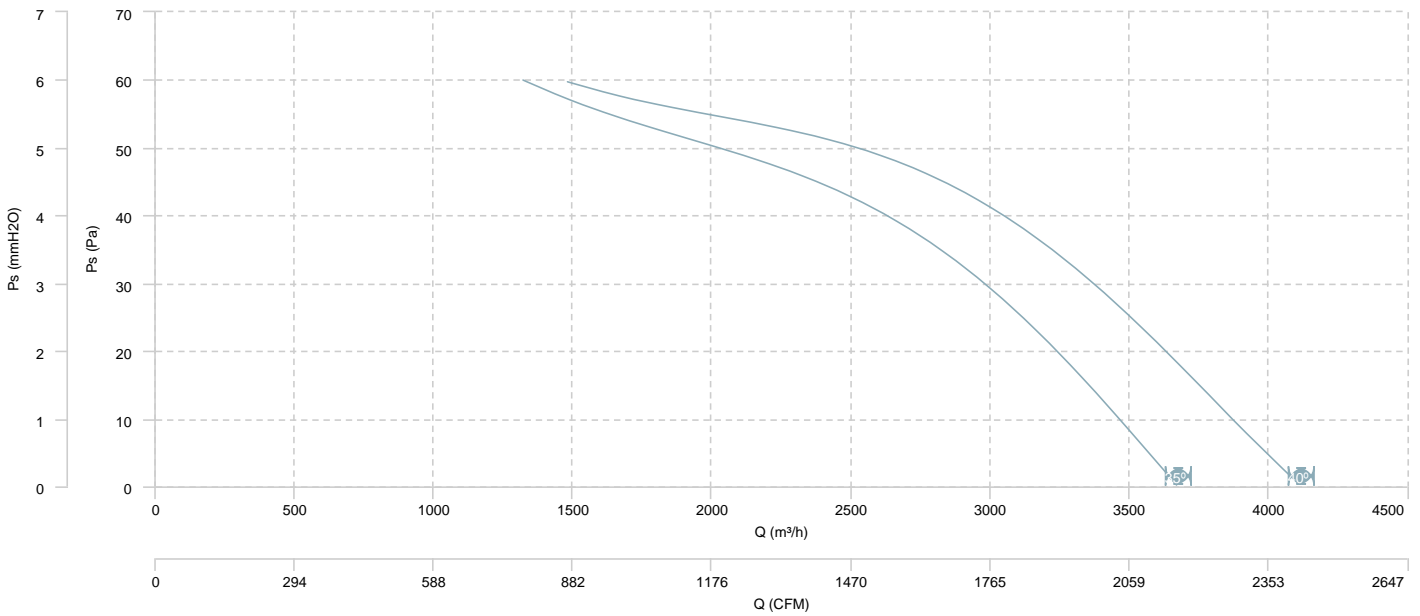


### AIR FLOW - MECHANICAL POWER

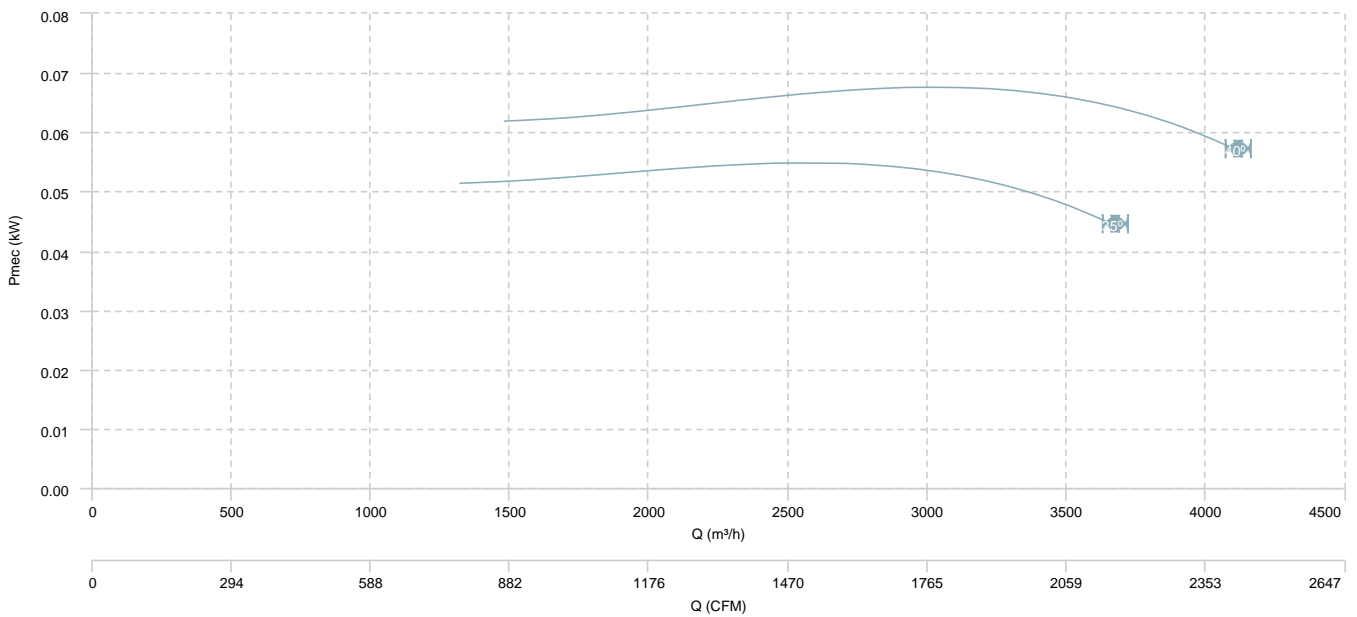


HMX 45 T6 (A0:6)

## AIR FLOW - PRESSURE

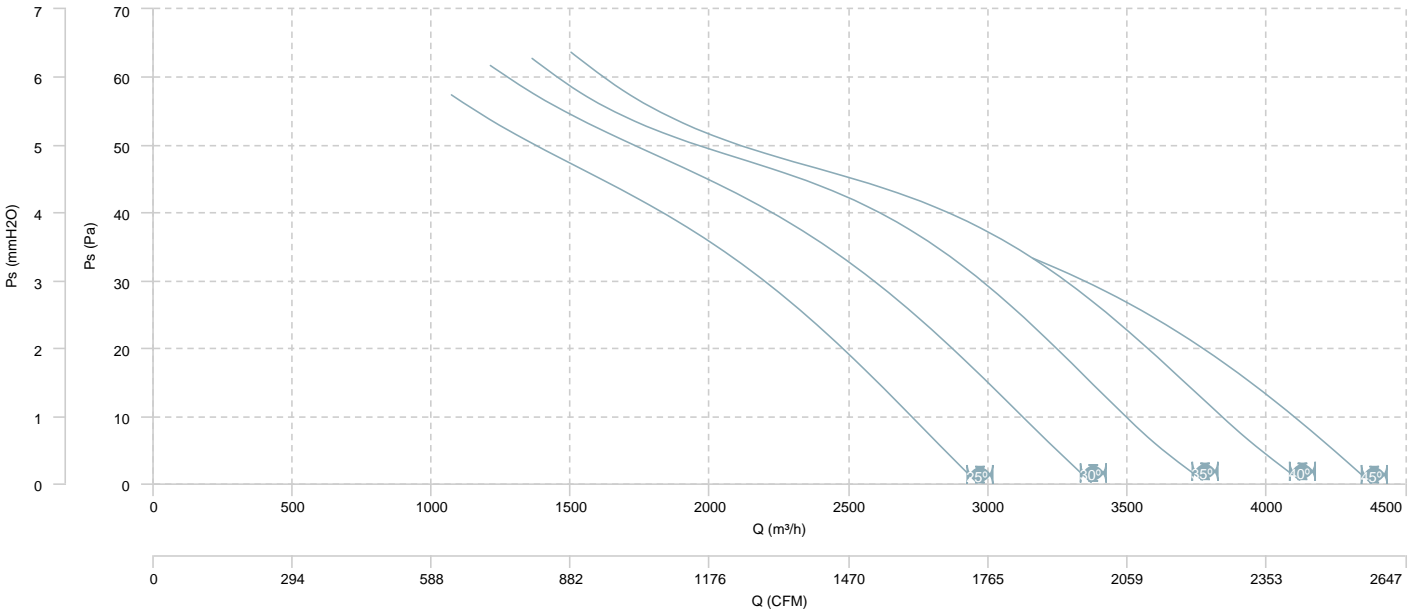


## AIR FLOW - MECHANICAL POWER

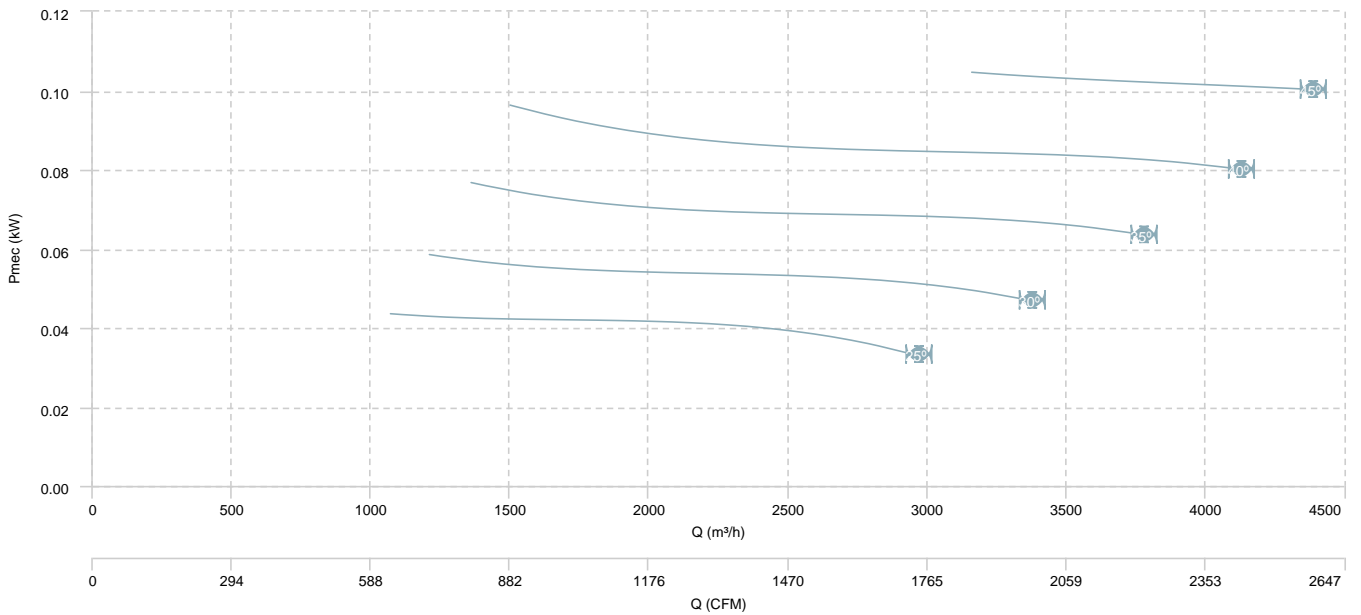


## HMX 45 T6 (A5:6)

### AIR FLOW - PRESSURE

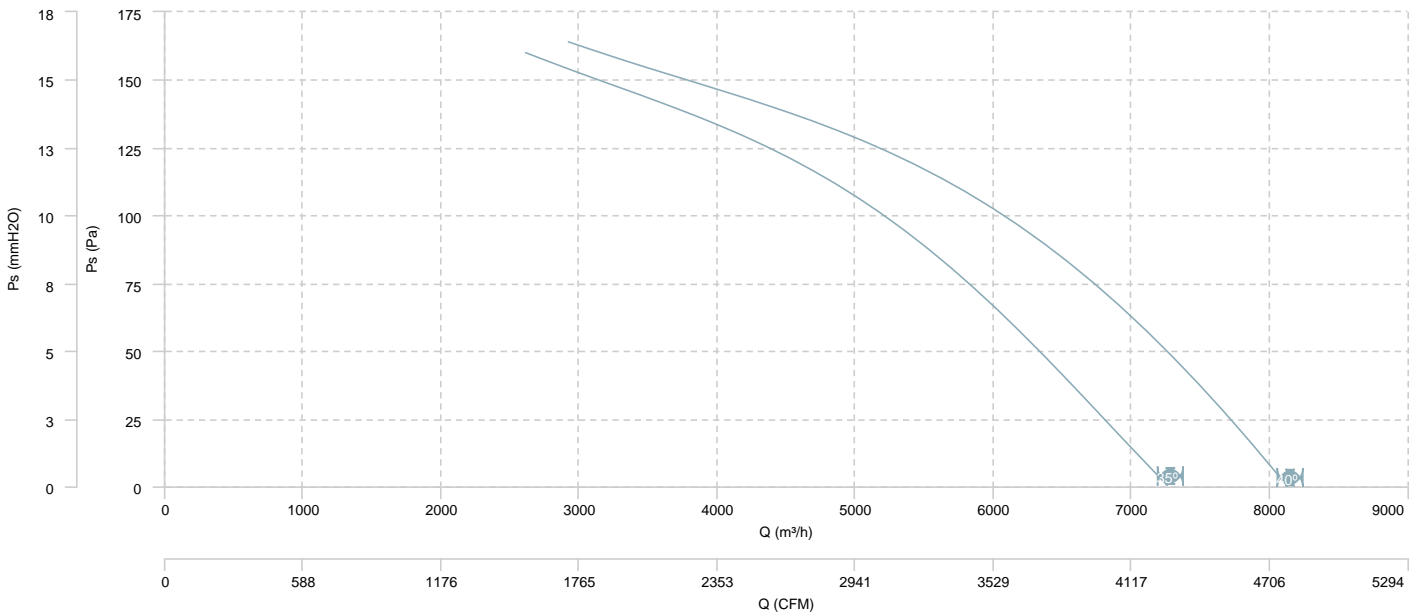


### AIR FLOW - MECHANICAL POWER

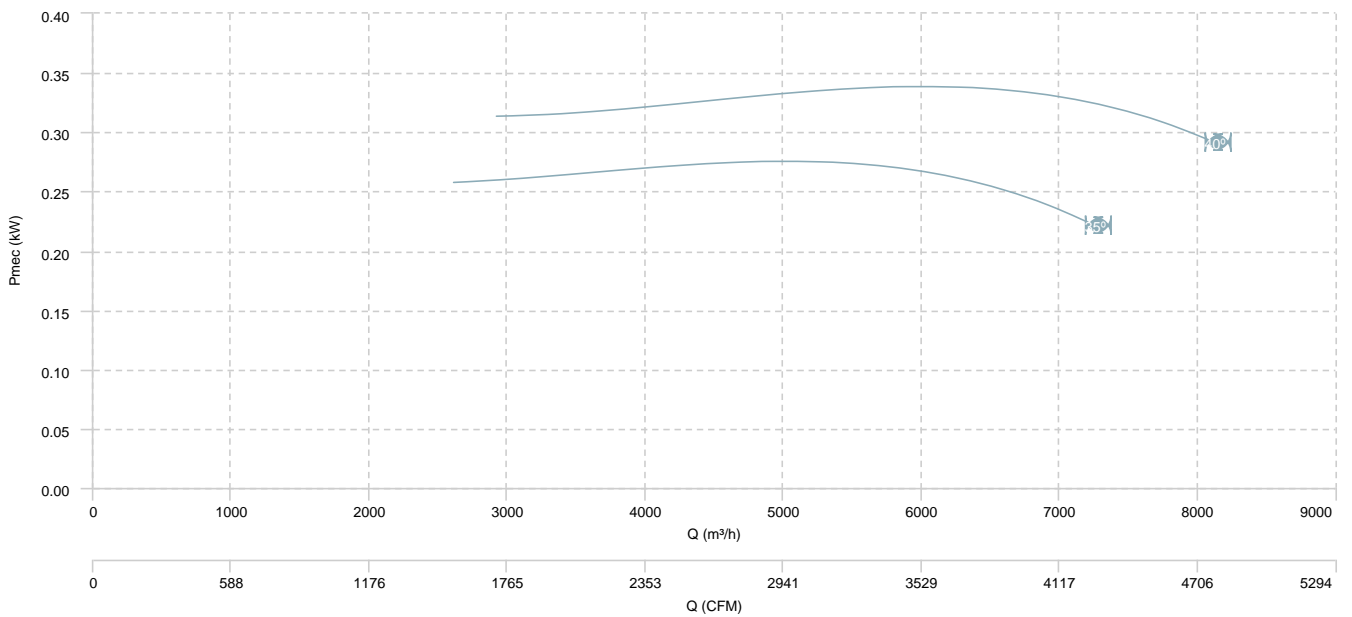


## HMX 50 T4 (A0:6)

### AIR FLOW - PRESSURE

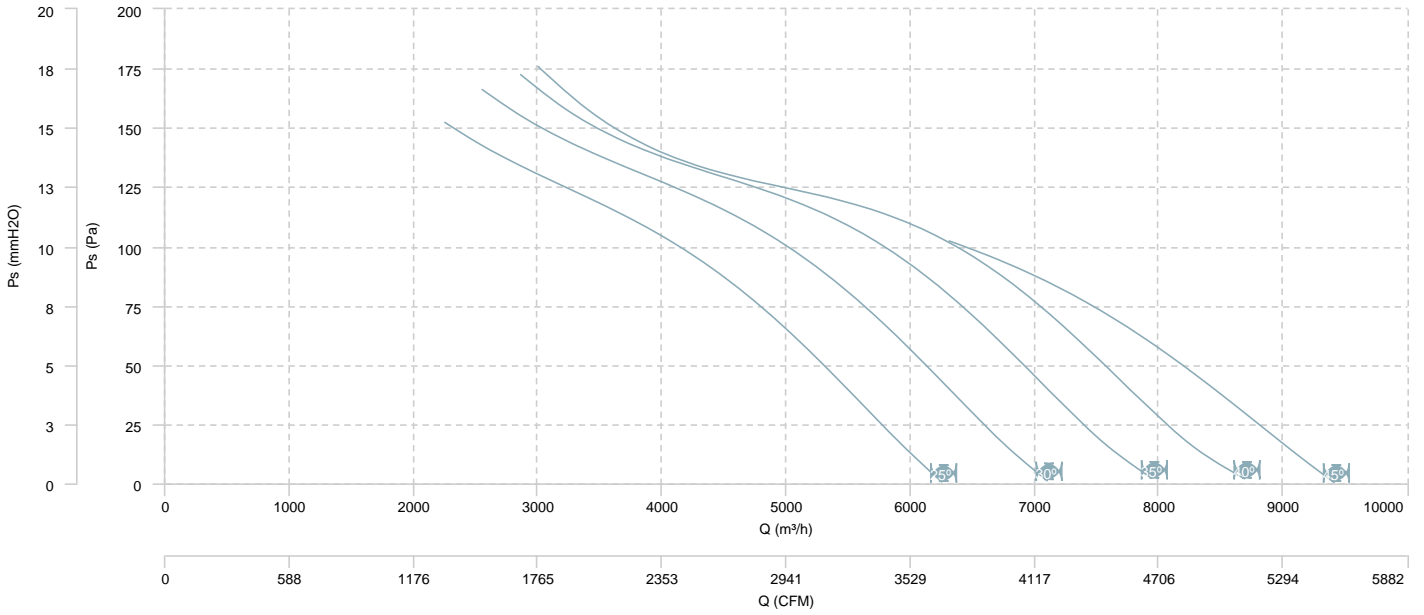


### AIR FLOW - MECHANICAL POWER

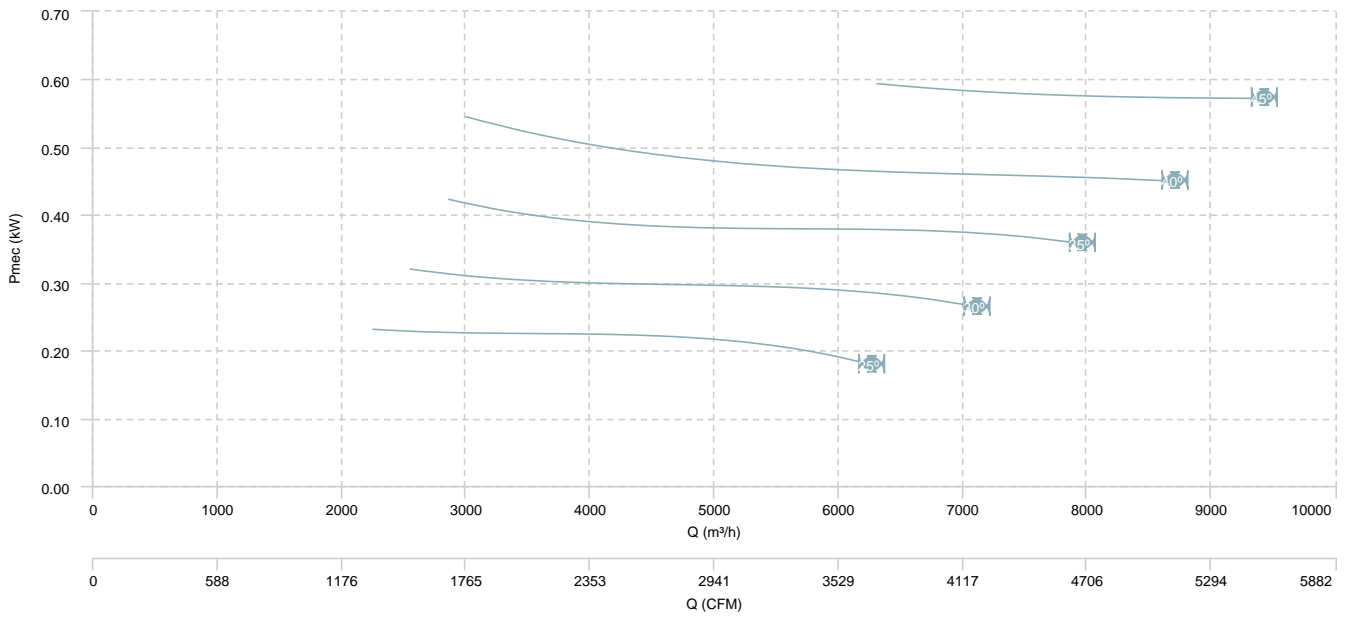


## HMX 50 T4 (A5:6)

### AIR FLOW - PRESSURE

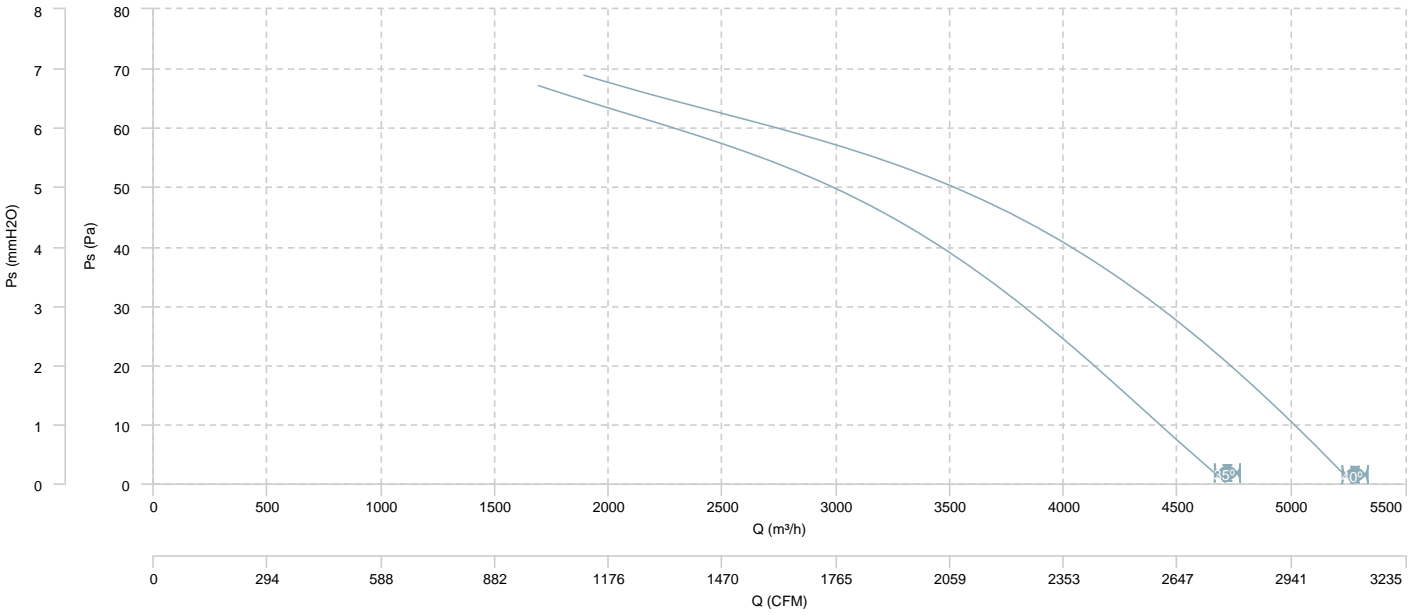


### AIR FLOW - MECHANICAL POWER

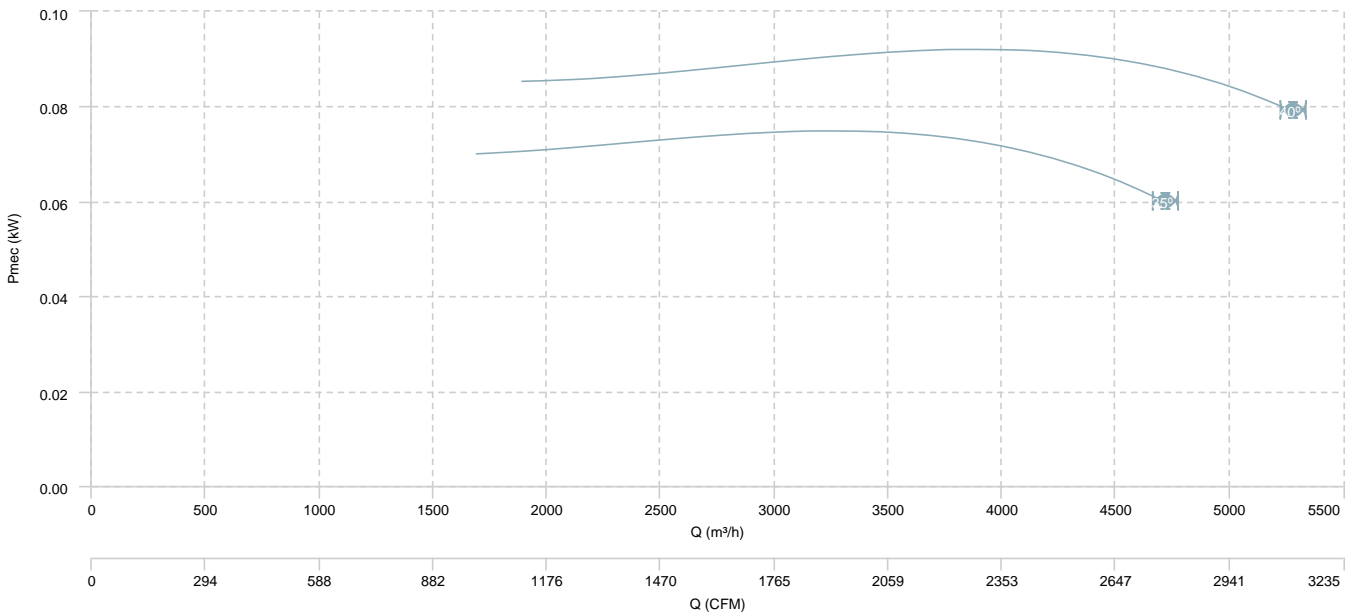


## HMX 50 T6 (A0:6)

### AIR FLOW - PRESSURE



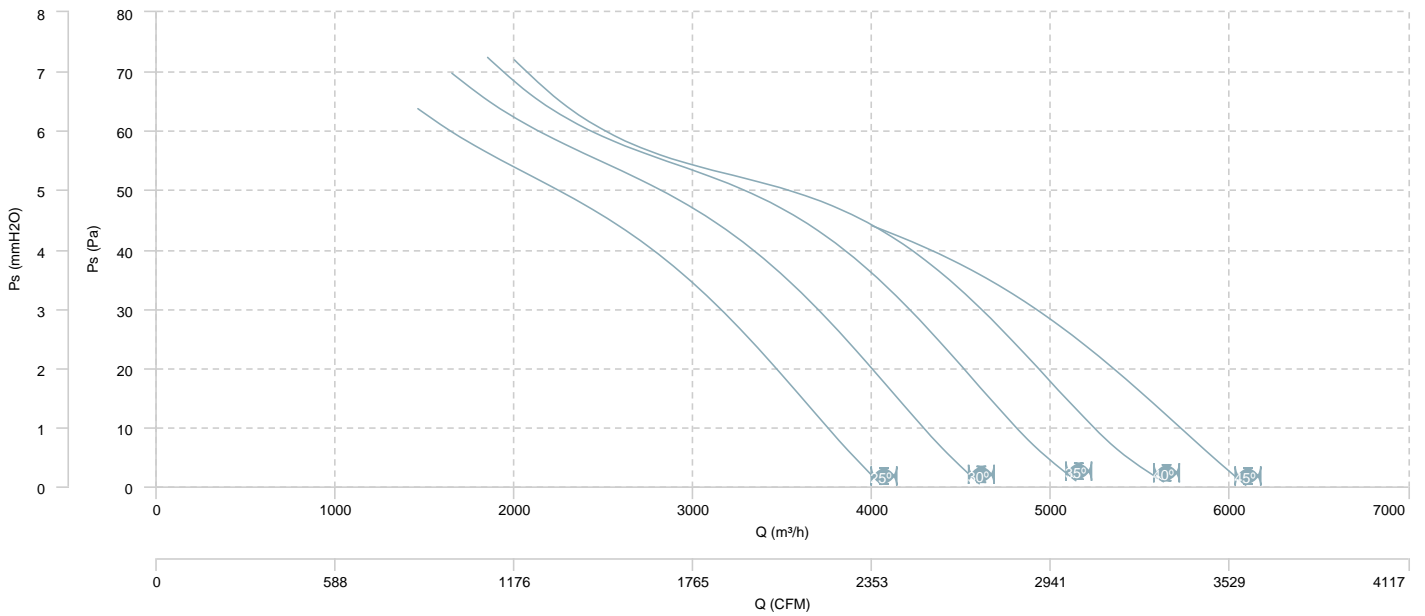
### AIR FLOW - MECHANICAL POWER



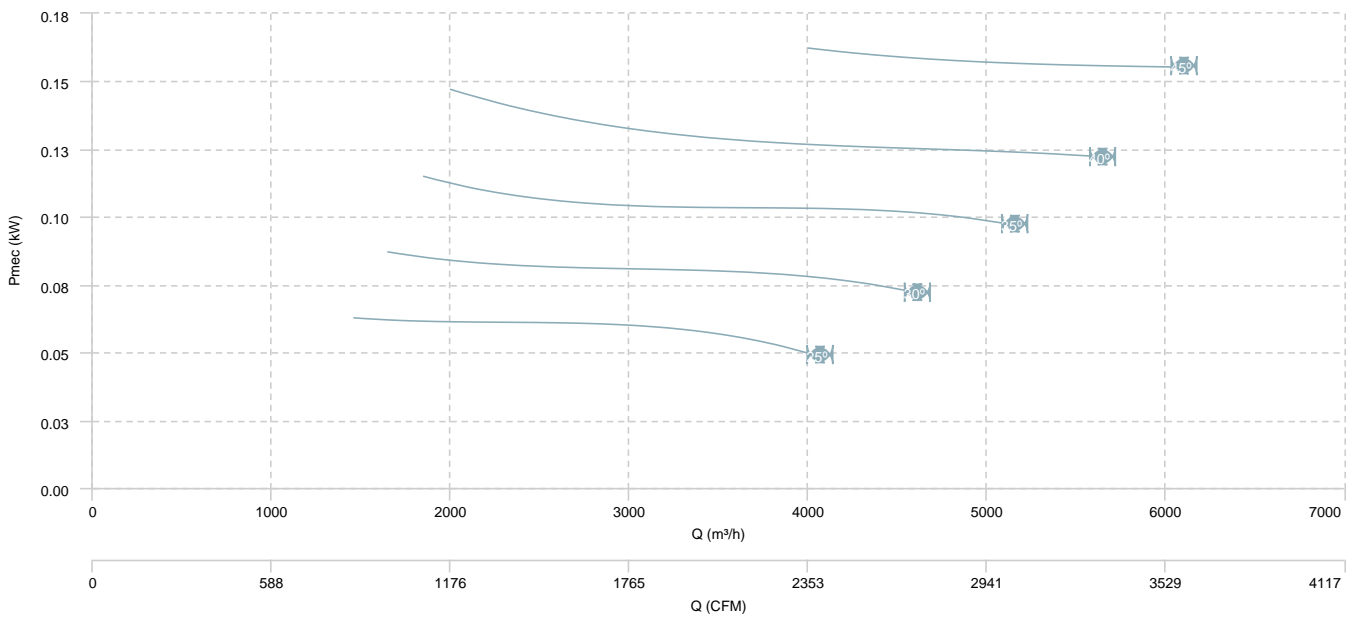


## HMX 50 T6 (A5:6)

### AIR FLOW - PRESSURE

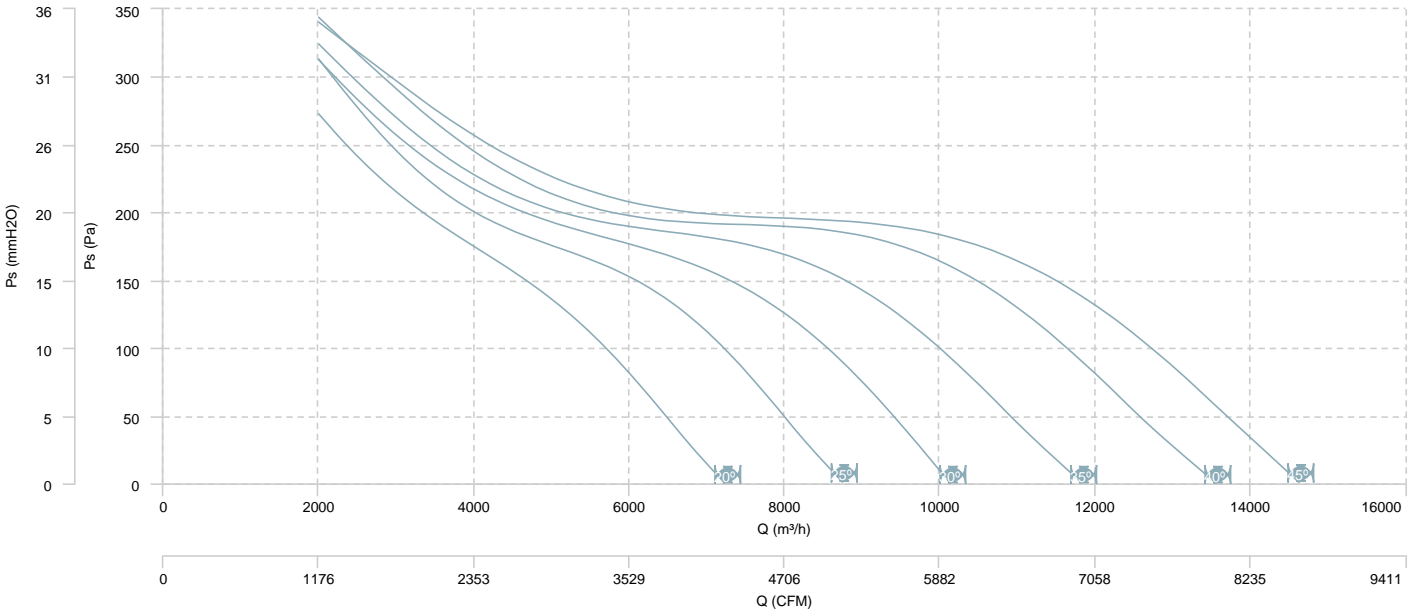


### AIR FLOW - MECHANICAL POWER

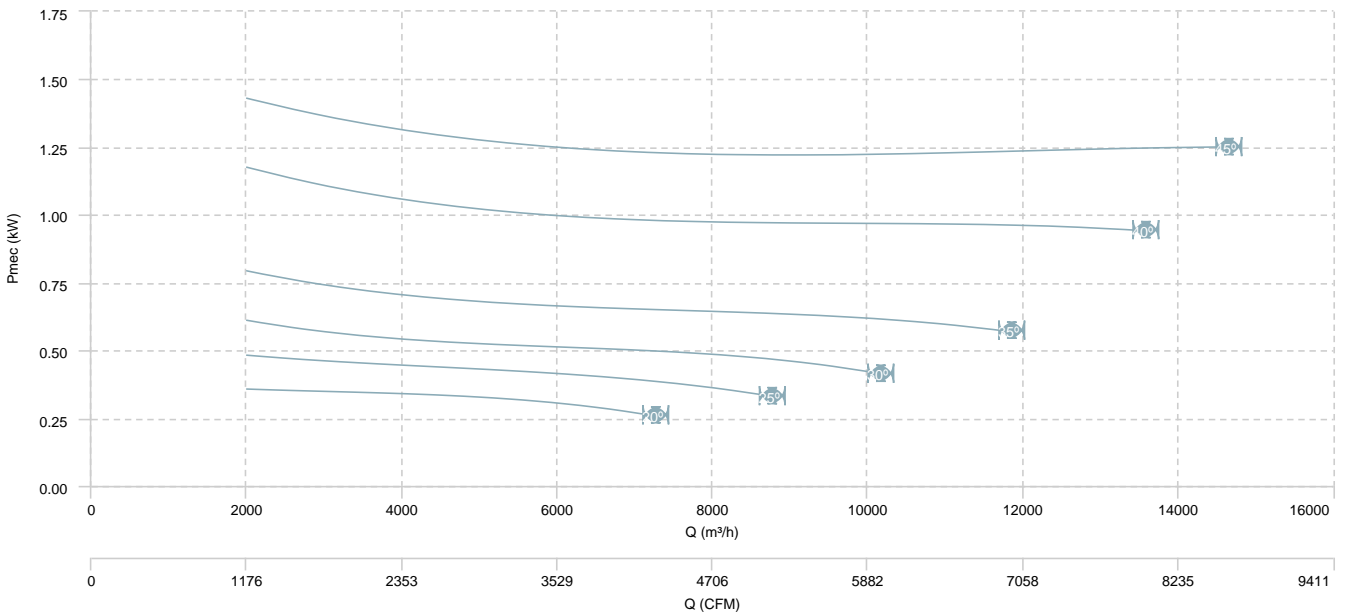


## HMX 56 T4 (A5:6)

### AIR FLOW - PRESSURE

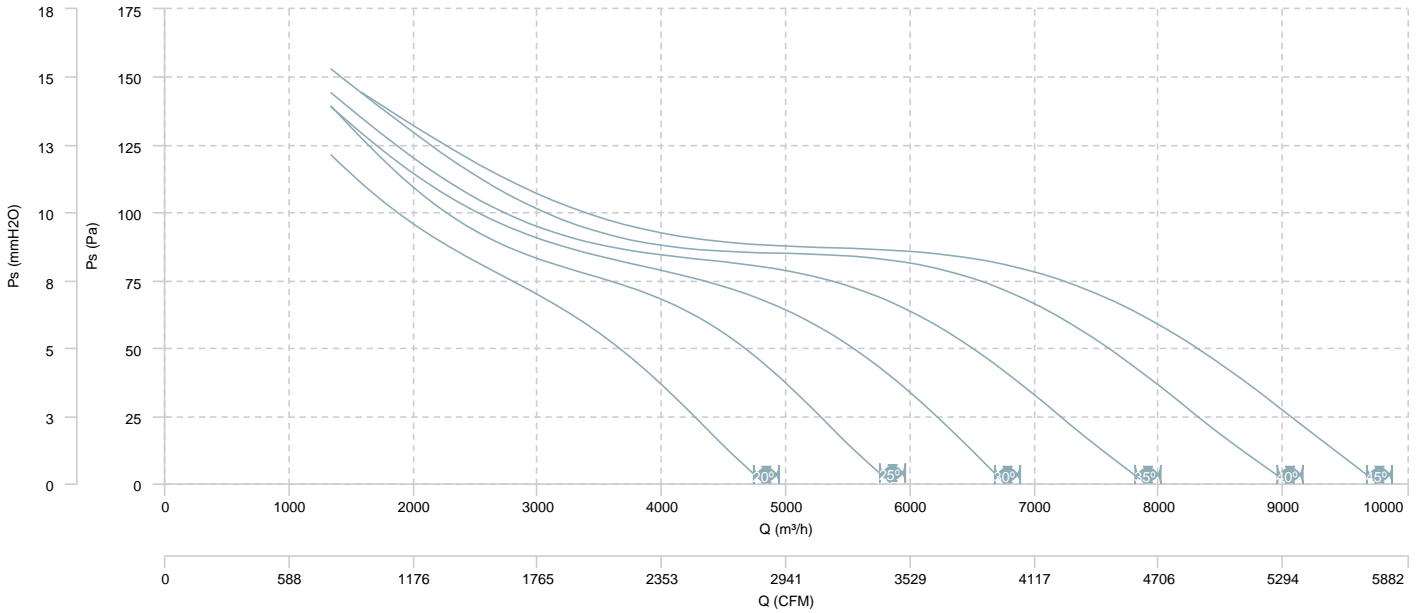


### AIR FLOW - MECHANICAL POWER

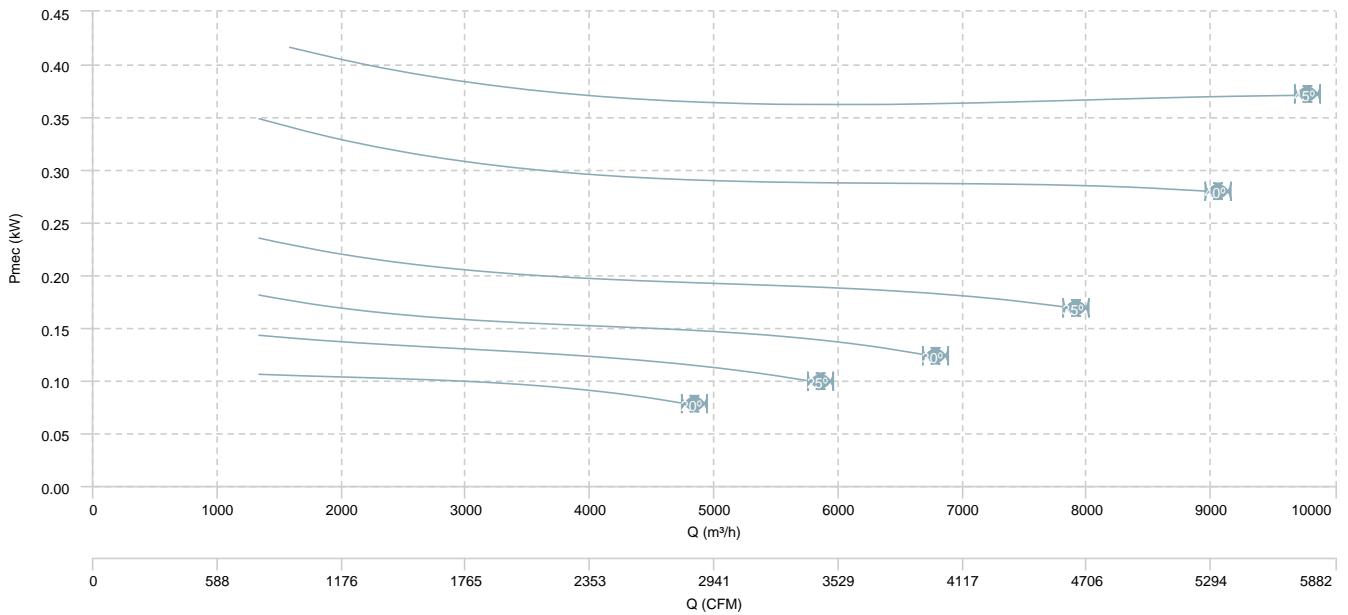


## HMX 56 T6 (A5:6)

### AIR FLOW - PRESSURE

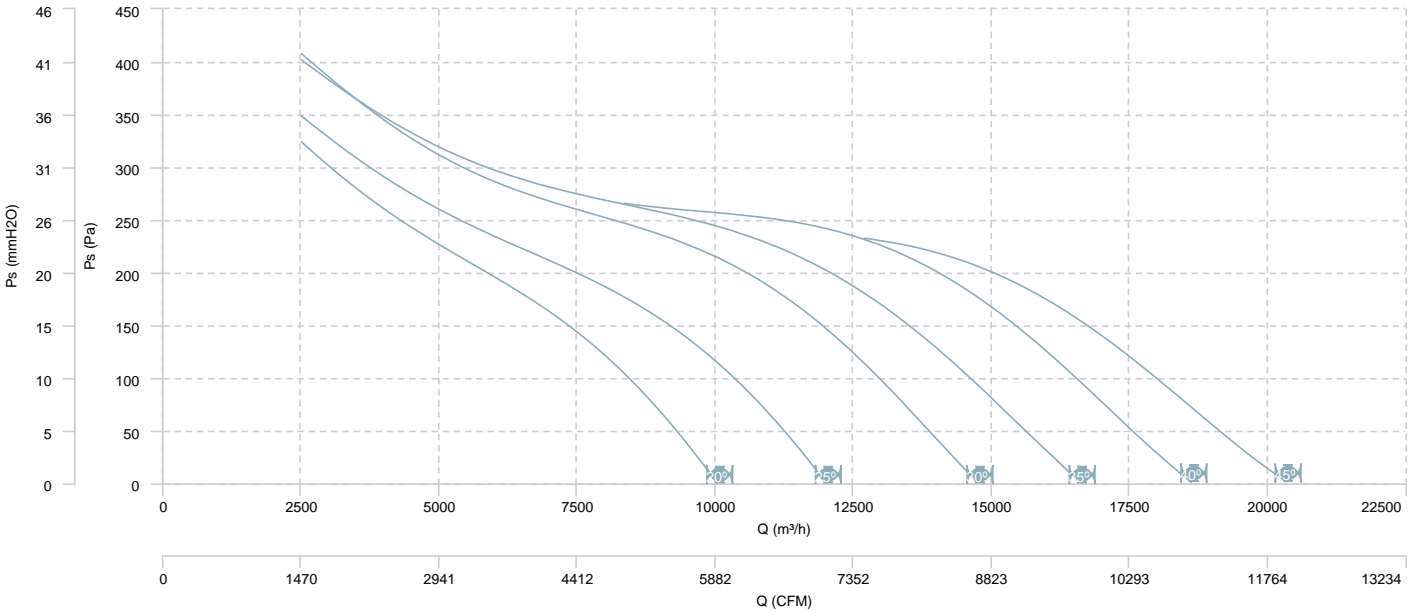


### AIR FLOW - MECHANICAL POWER

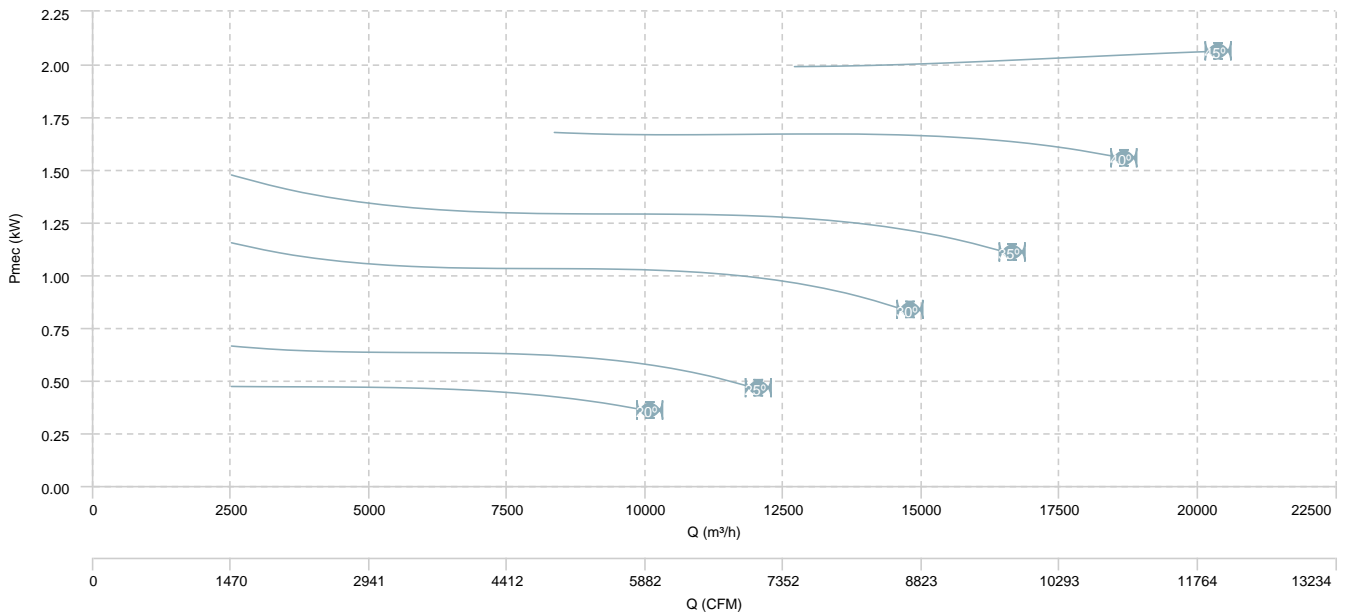


## HMX 63 T4 (A5:6)

### AIR FLOW - PRESSURE

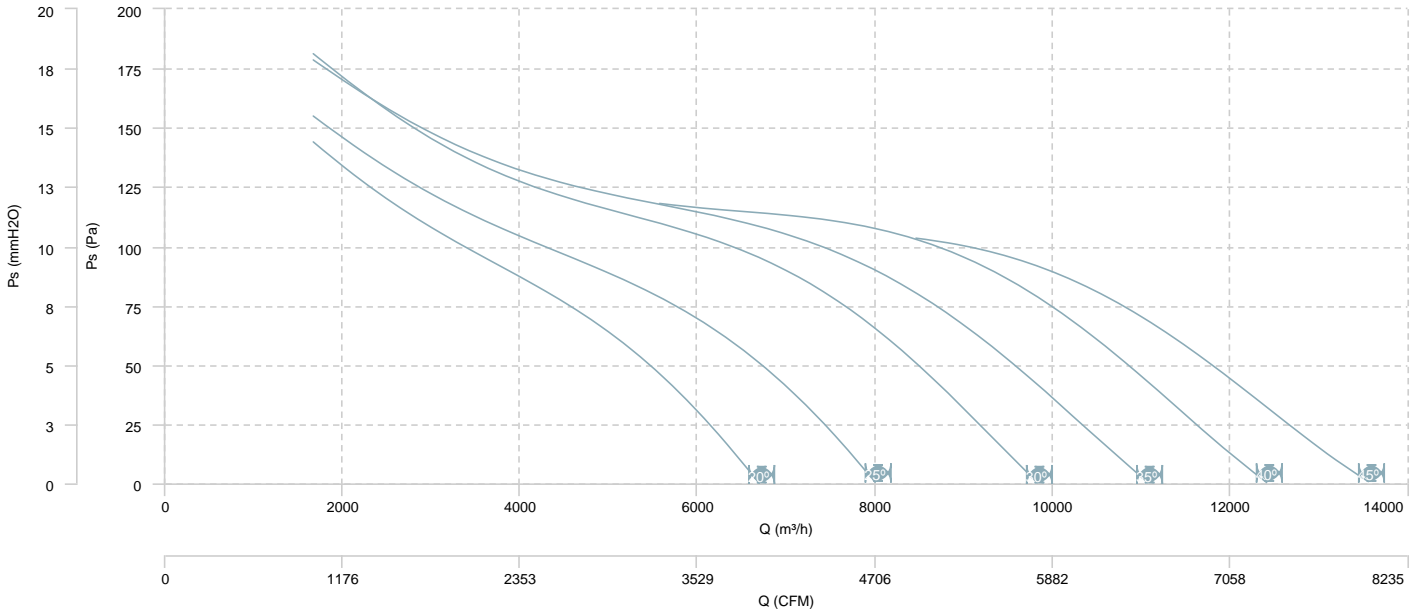


### AIR FLOW - MECHANICAL POWER

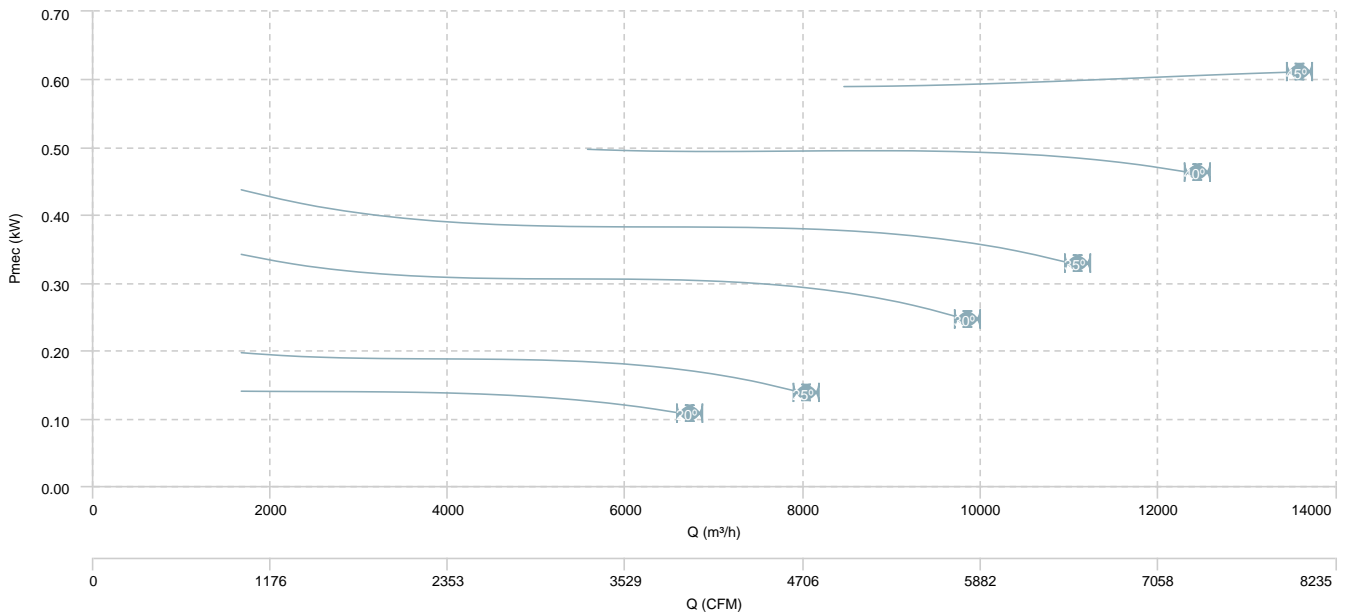


## HMX 63 T6 (A5:6)

### AIR FLOW - PRESSURE

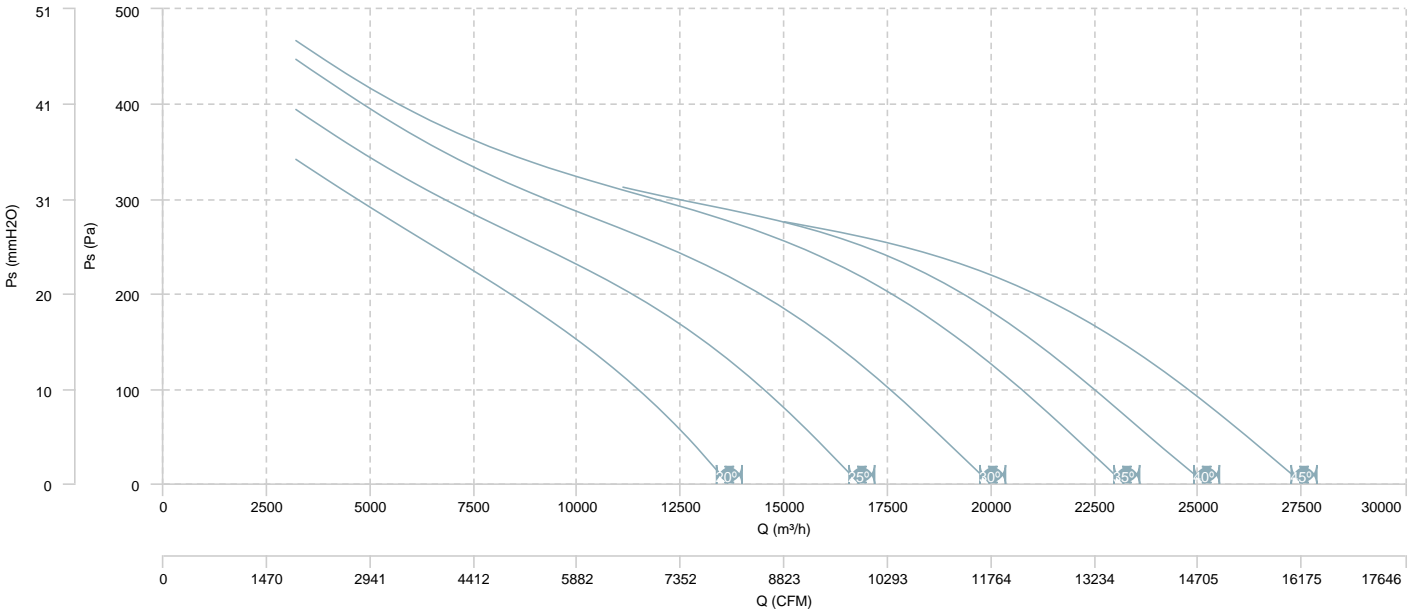


### AIR FLOW - MECHANICAL POWER

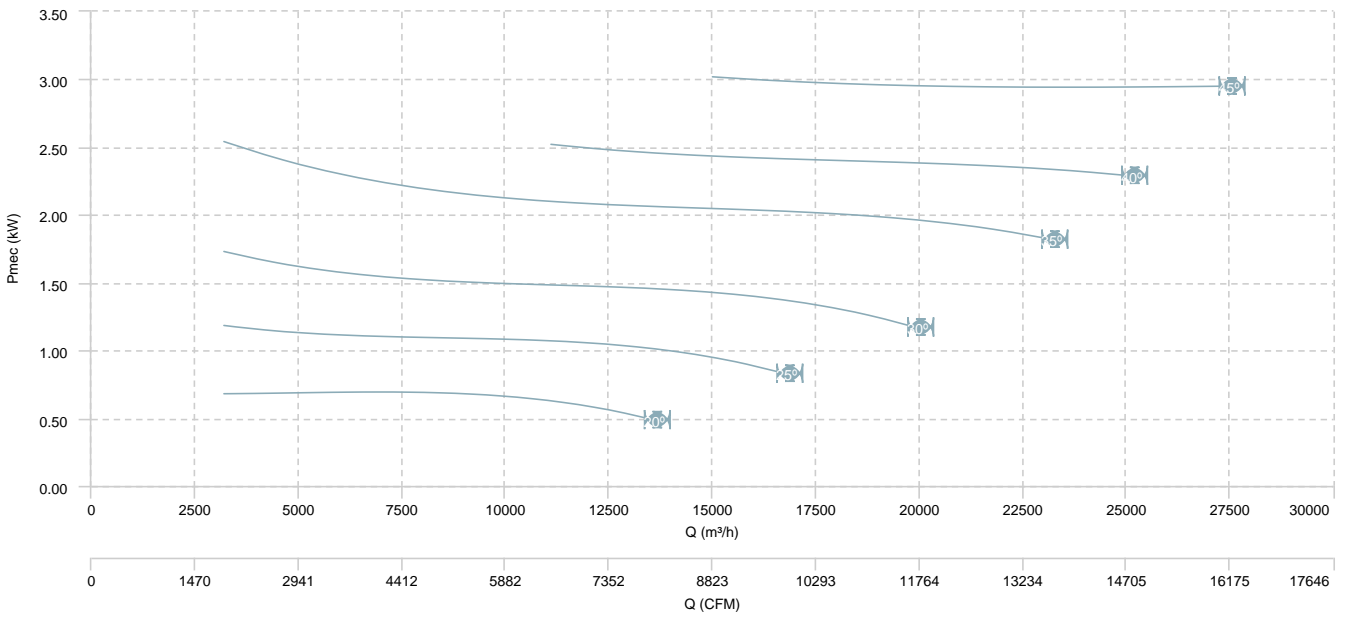


HMX 71 T4 (A5:6)

## AIR FLOW - PRESSURE

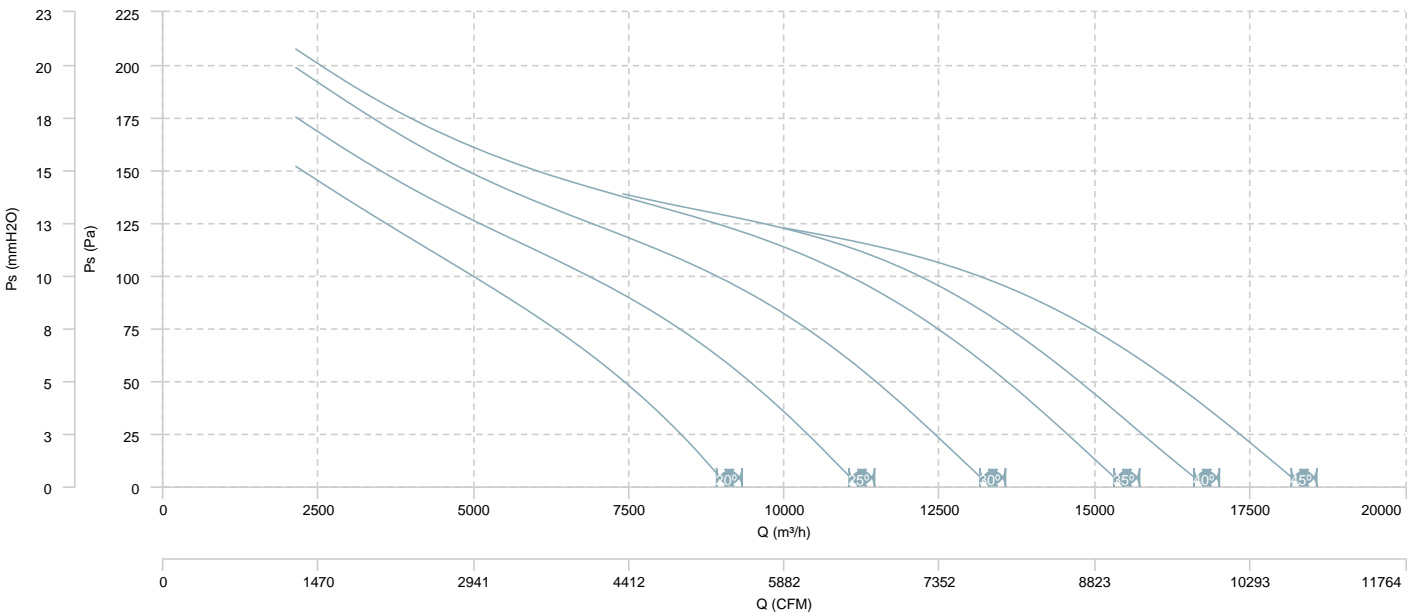


## AIR FLOW - MECHANICAL POWER

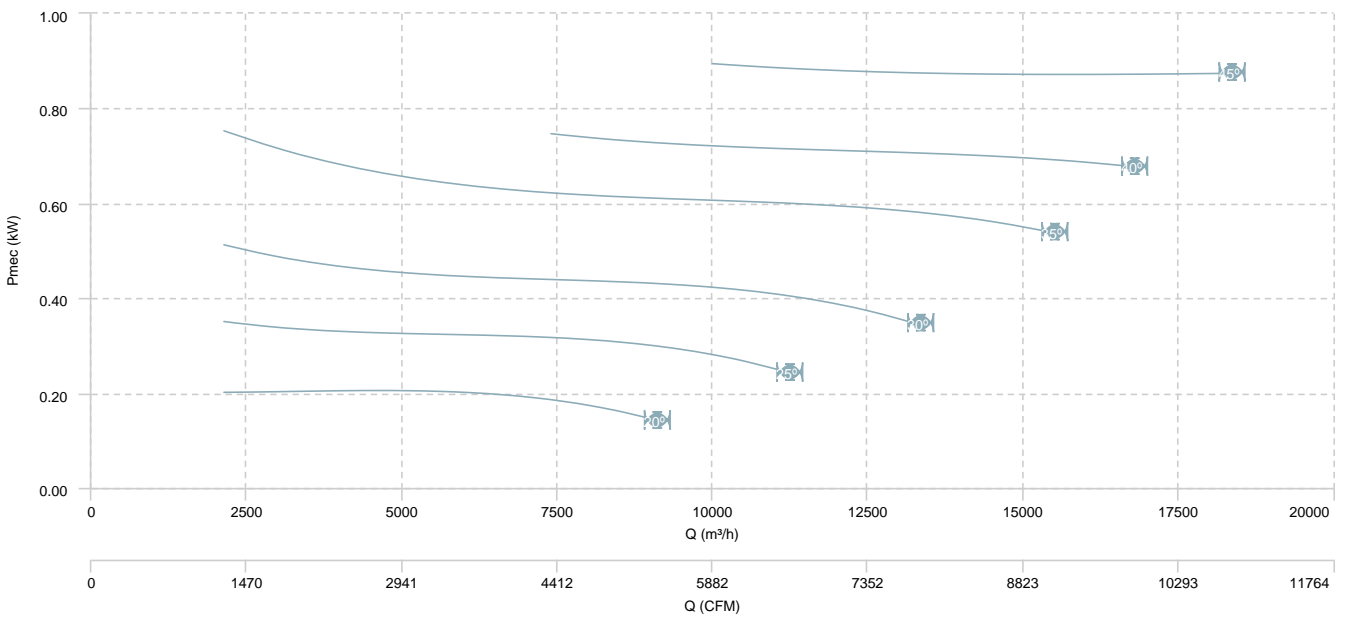


## HMX 71 T6 (A5:6)

### AIR FLOW - PRESSURE

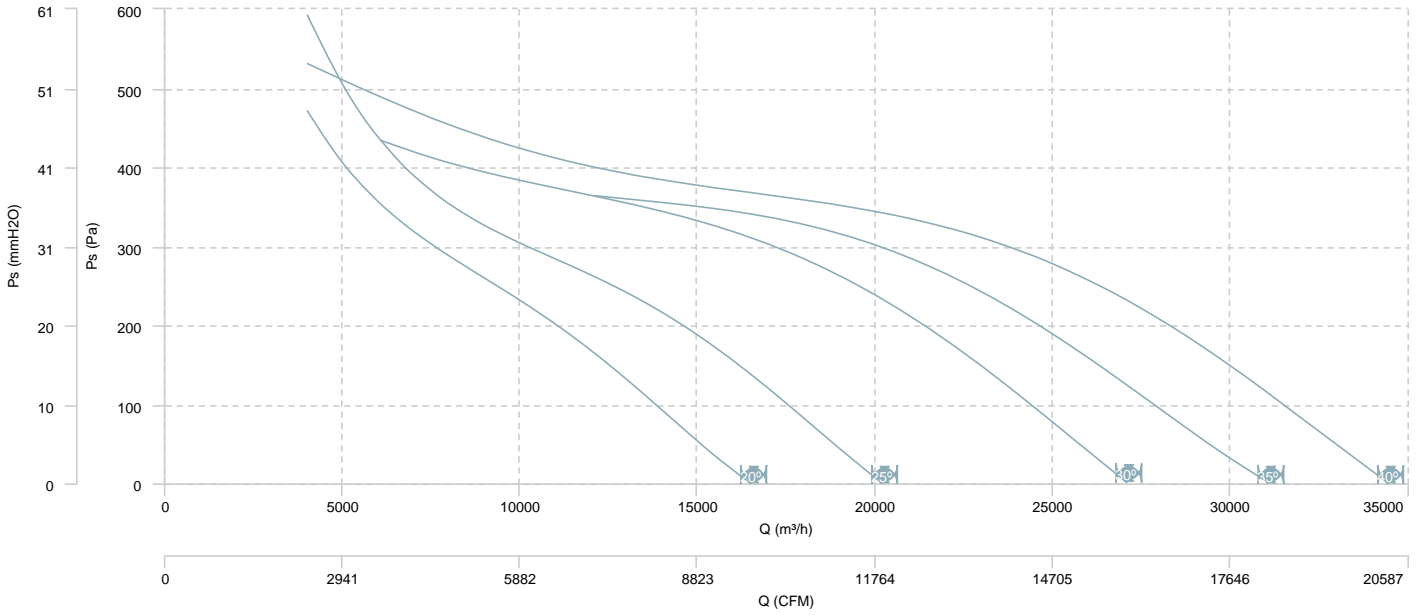


### AIR FLOW - MECHANICAL POWER

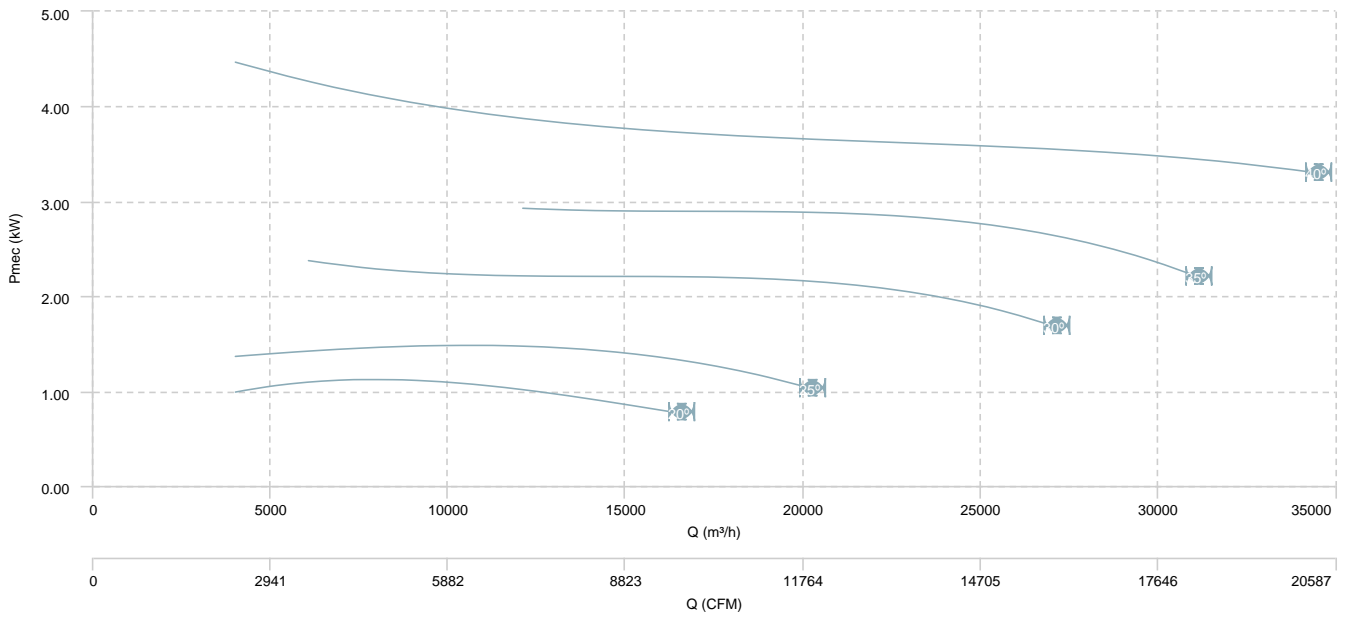


HMX 80 T4 (A5:6)

## AIR FLOW - PRESSURE



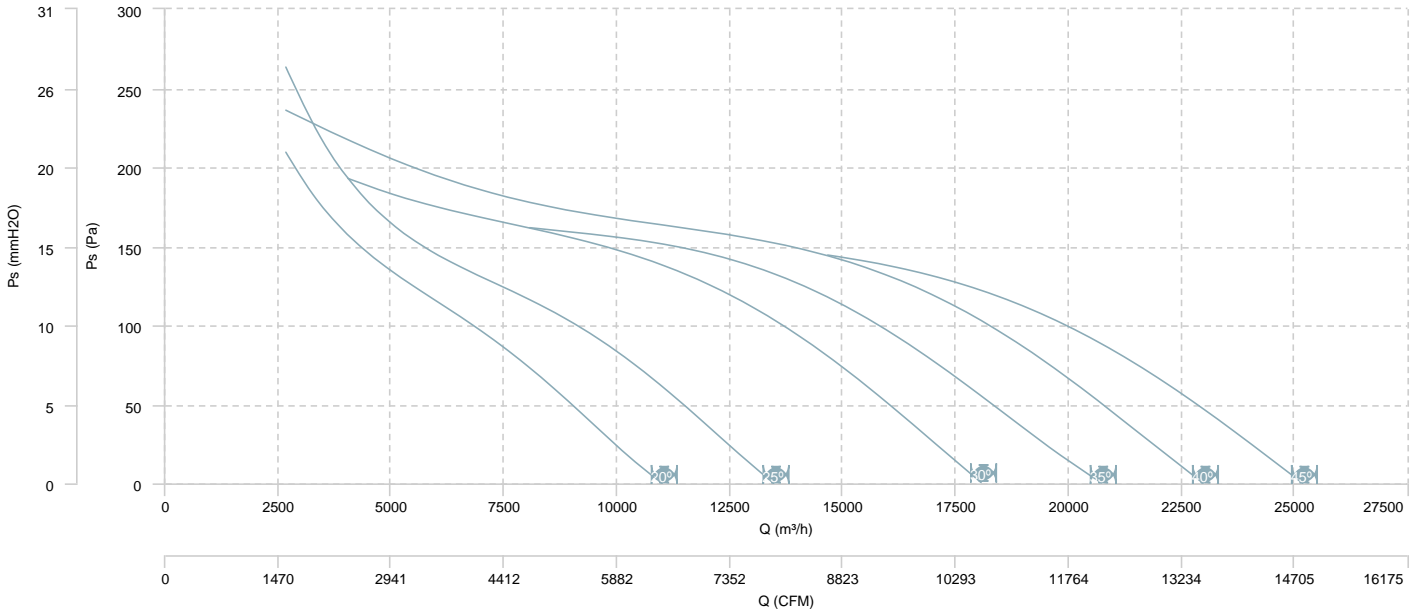
## AIR FLOW - MECHANICAL POWER



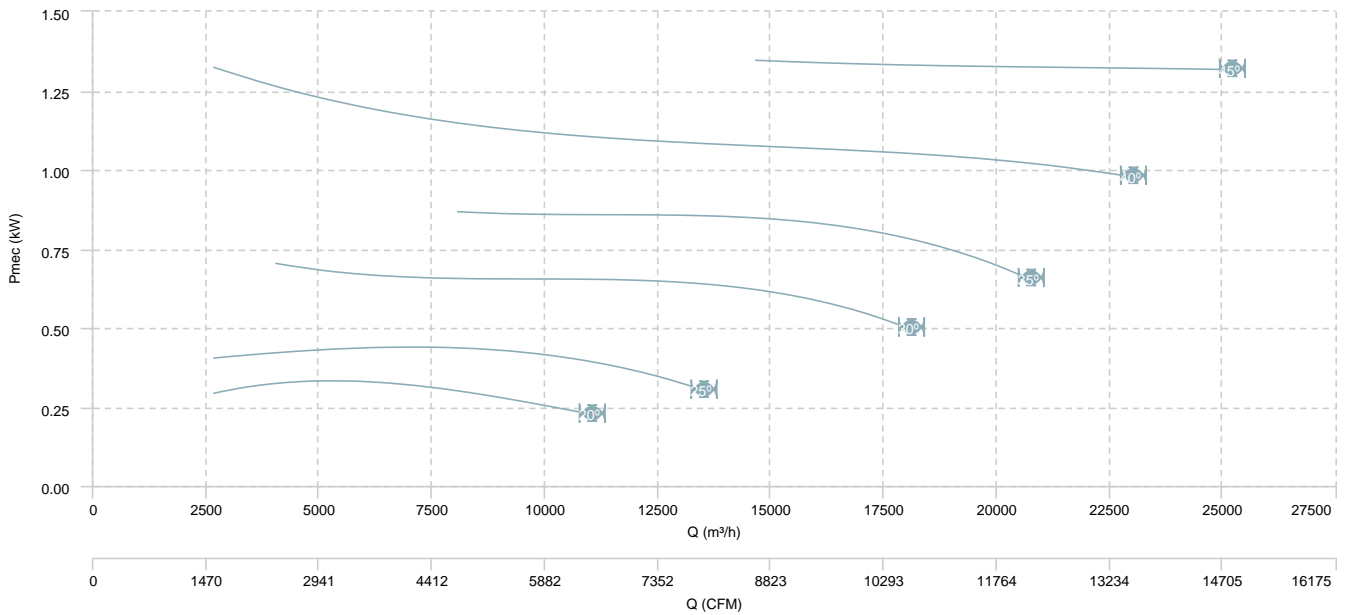


## HMX 80 T6 (A5:6)

### AIR FLOW - PRESSURE

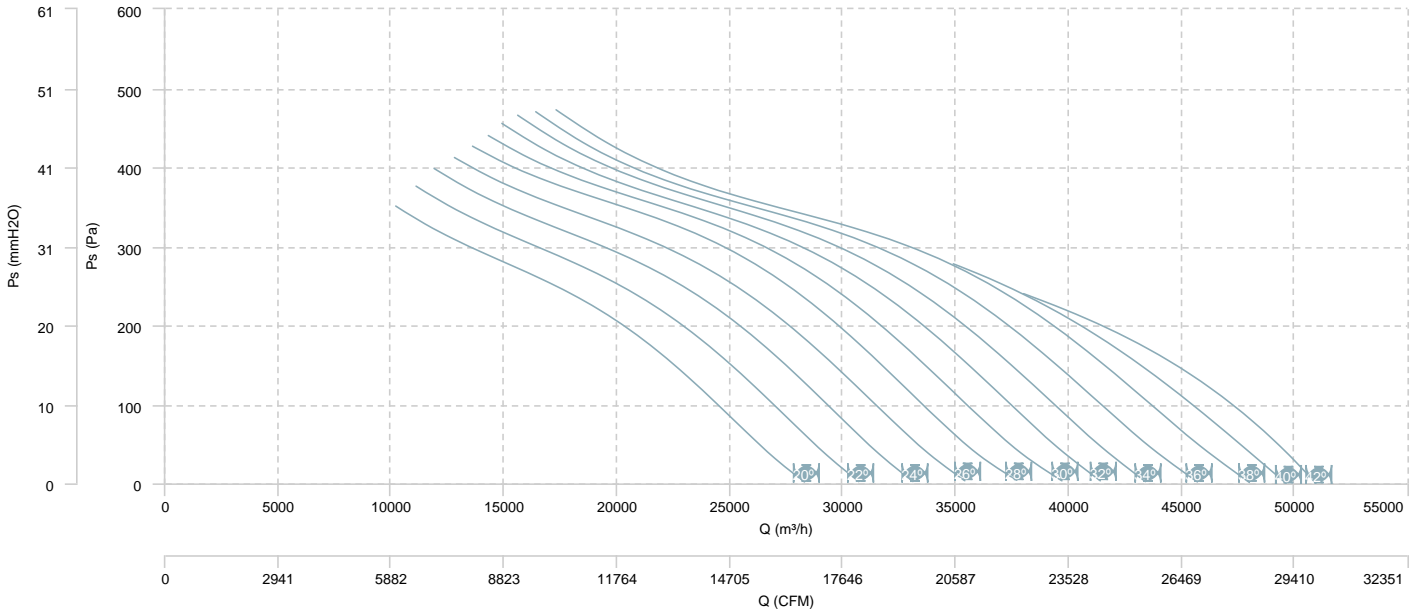


### AIR FLOW - MECHANICAL POWER

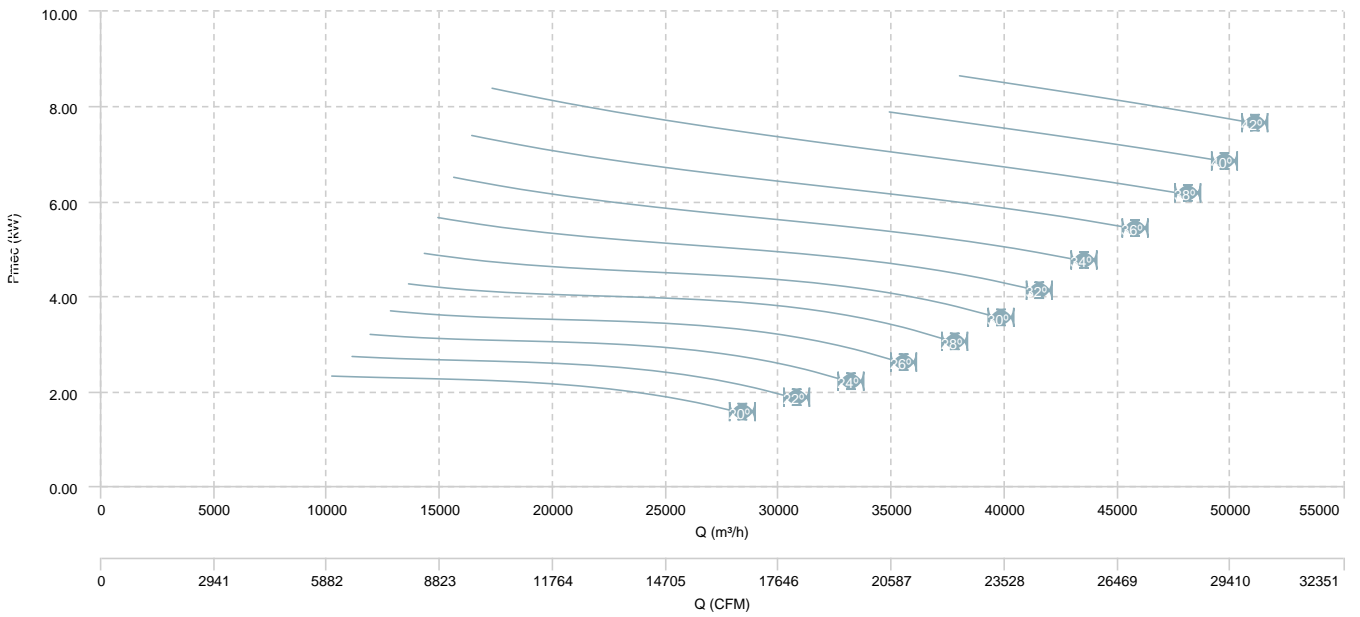


HMX 90 T4 (A6:3)

## AIR FLOW - PRESSURE

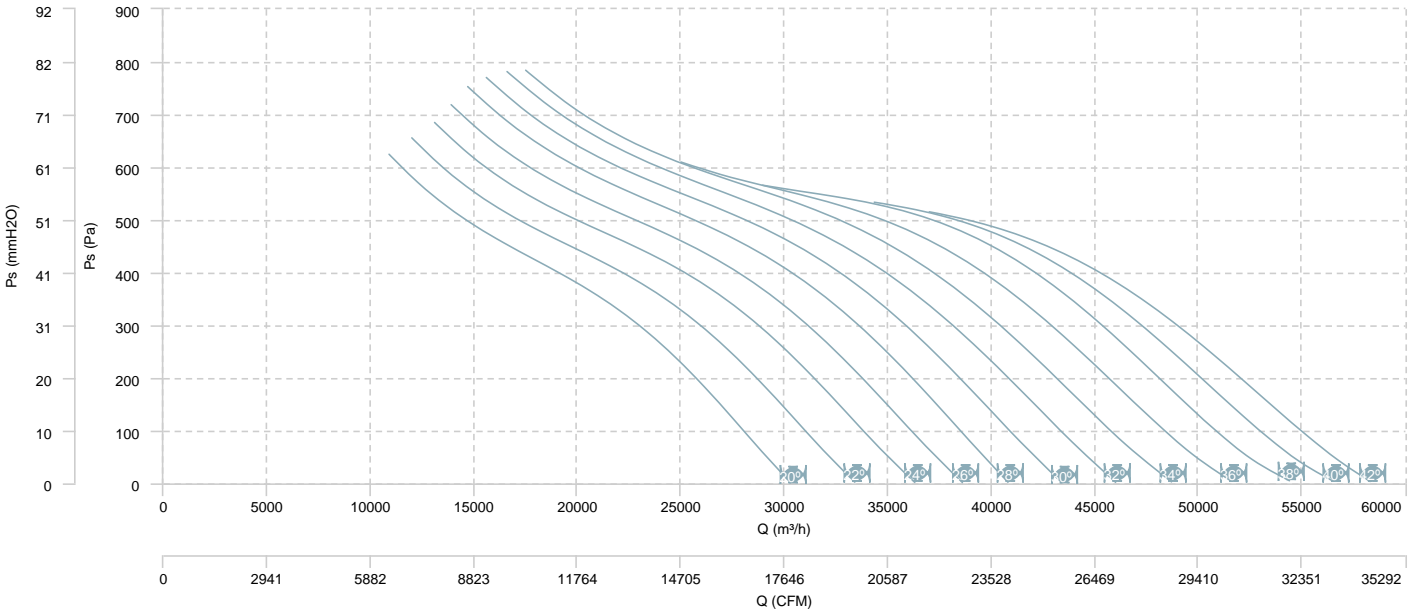


## AIR FLOW - MECHANICAL POWER

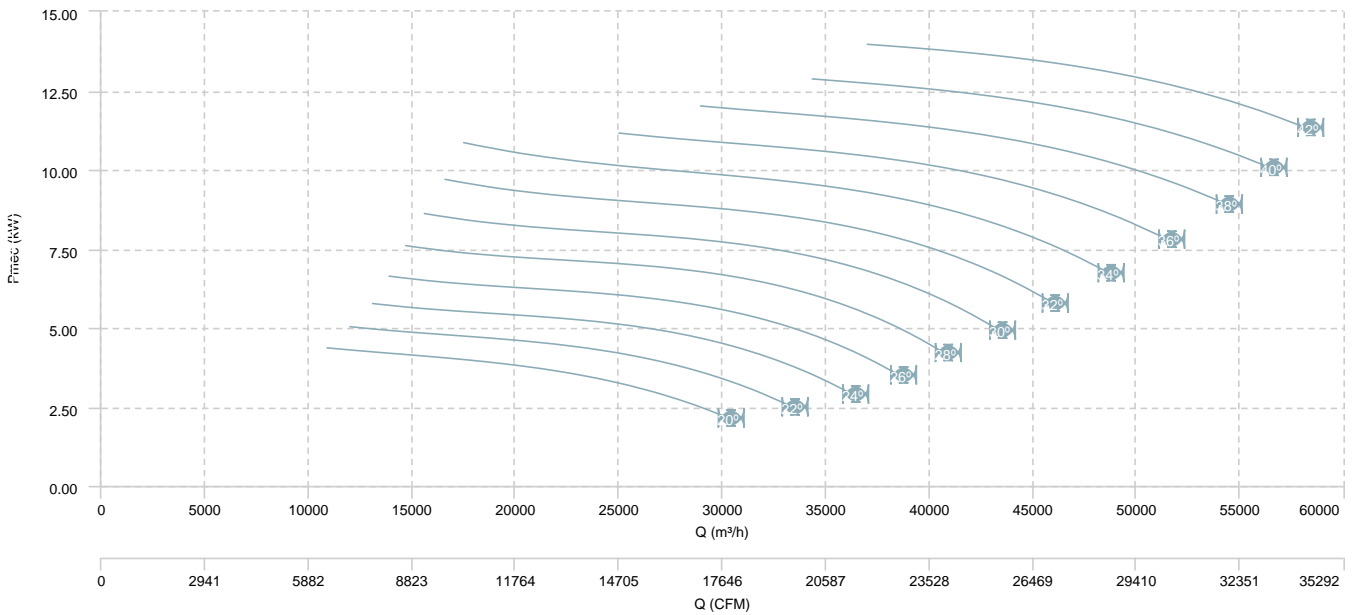


## HMX 90 T4 (A6:6)

### AIR FLOW - PRESSURE

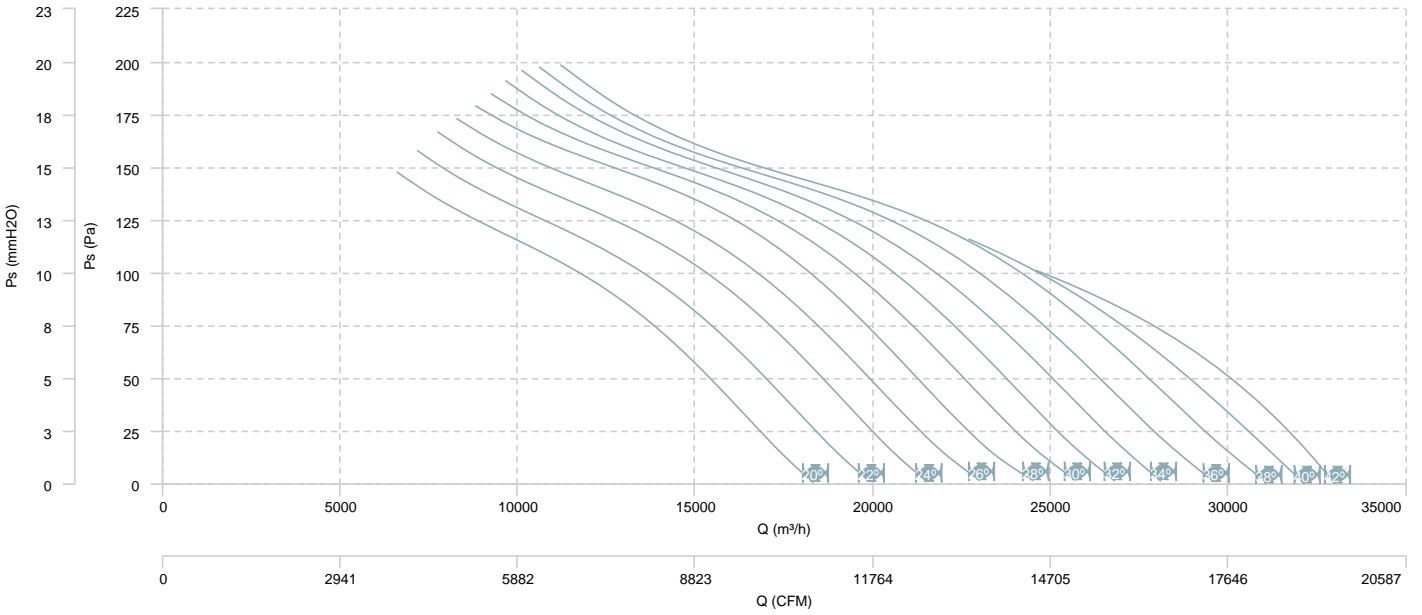


### AIR FLOW - MECHANICAL POWER

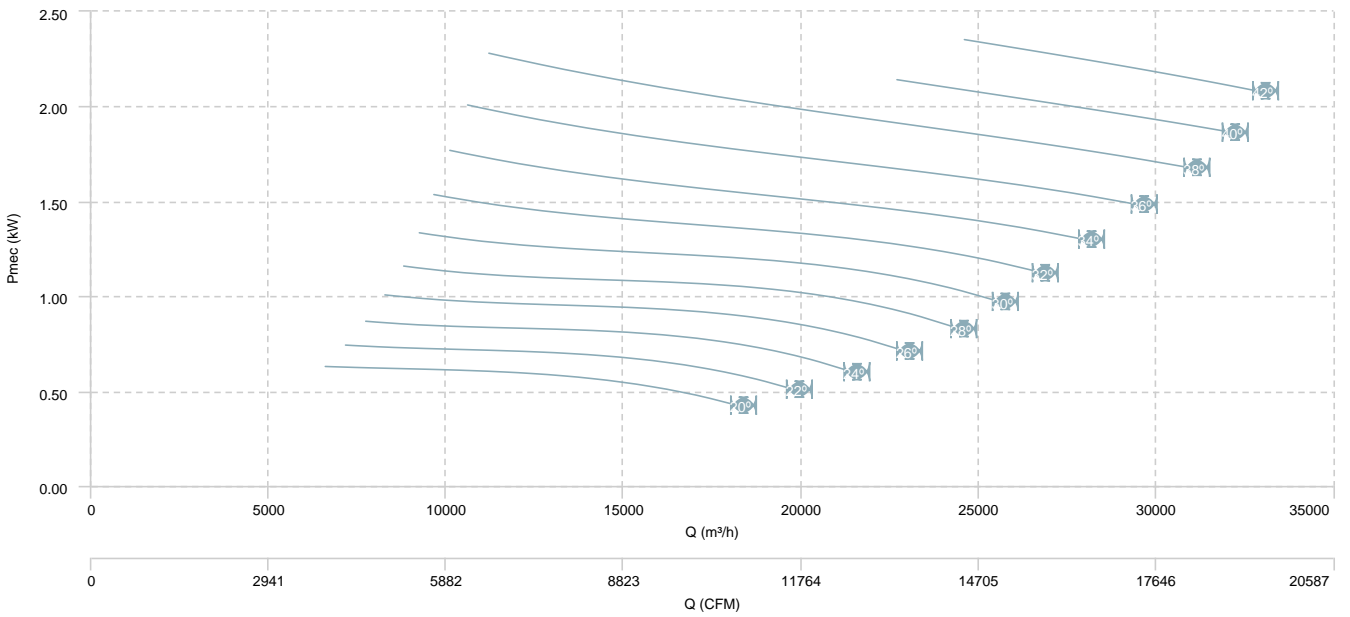


HMX 90 T6 (A6:3)

## AIR FLOW - PRESSURE

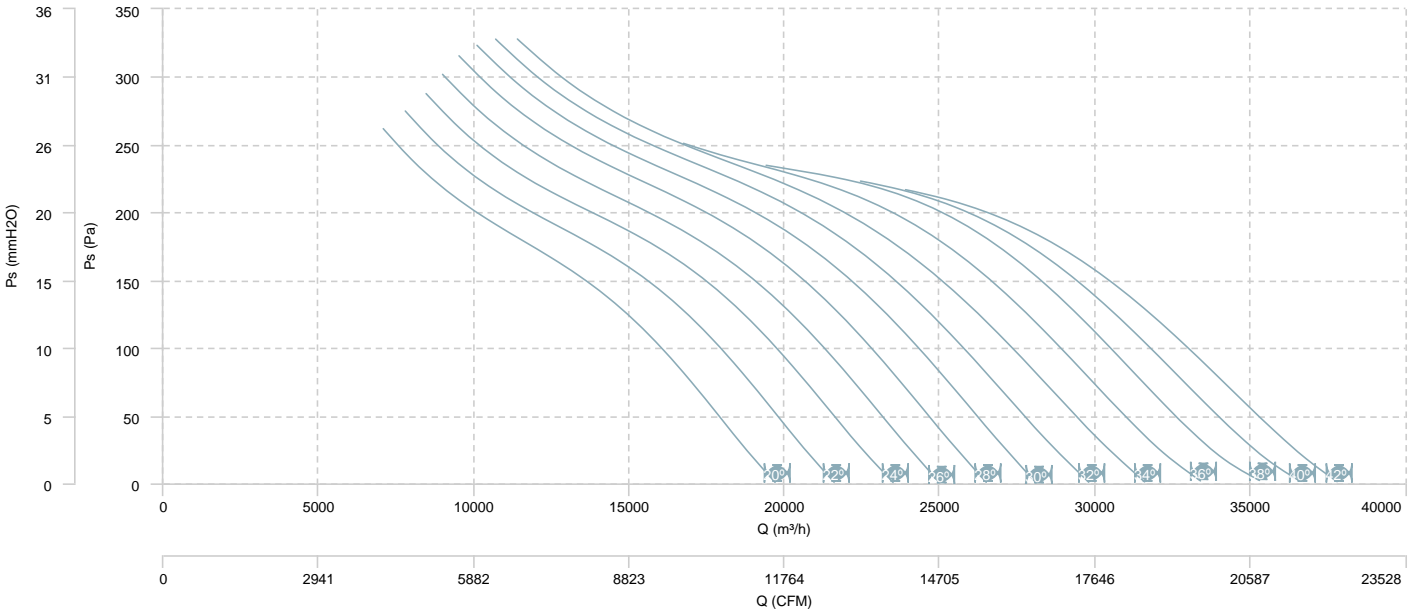


## AIR FLOW - MECHANICAL POWER

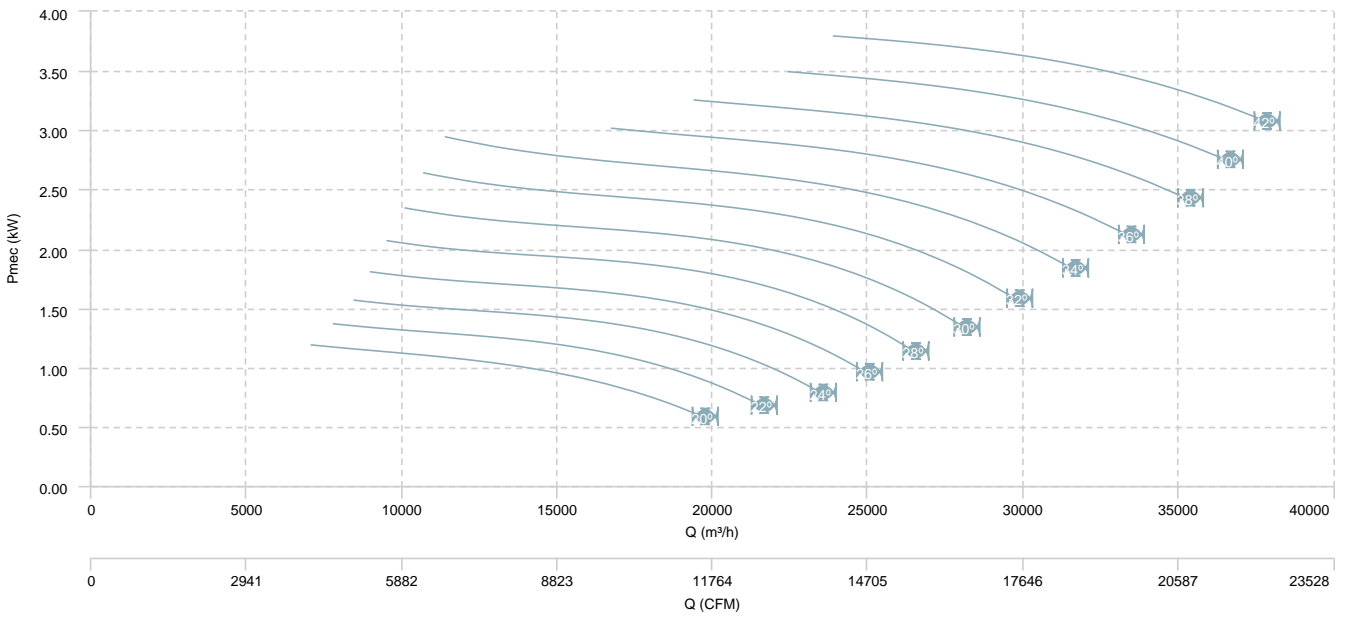


## HMX 90 T6 (A6:6)

### AIR FLOW - PRESSURE

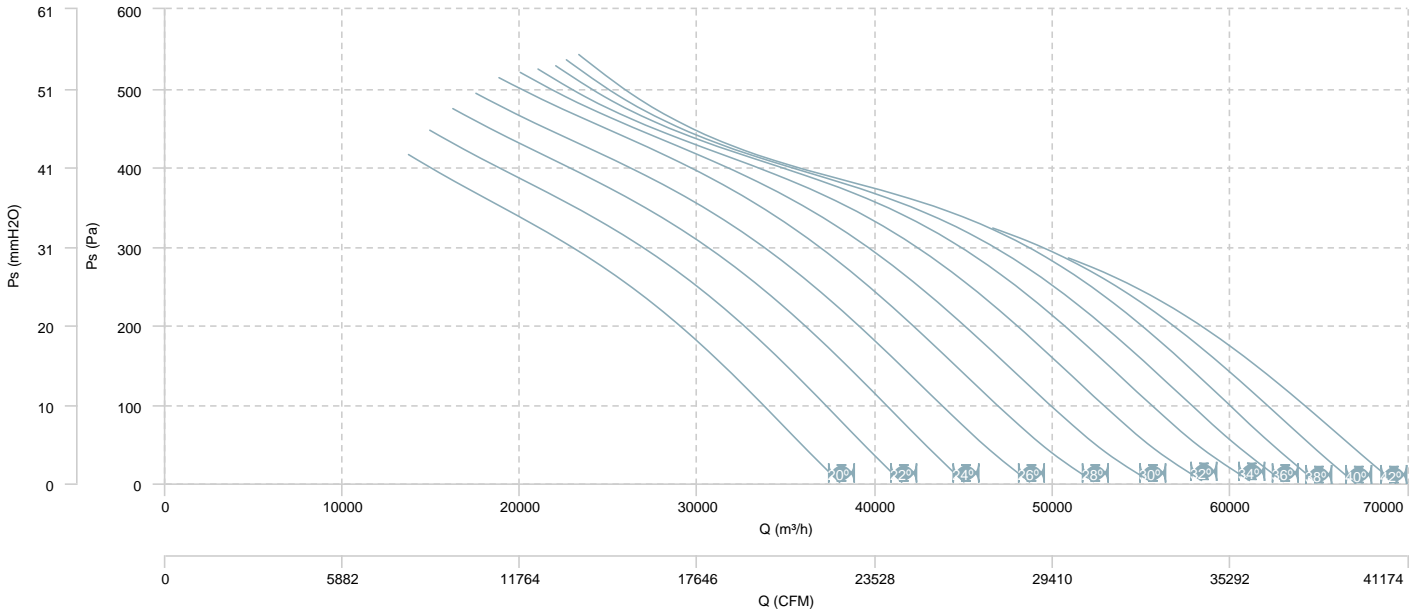


### AIR FLOW - MECHANICAL POWER

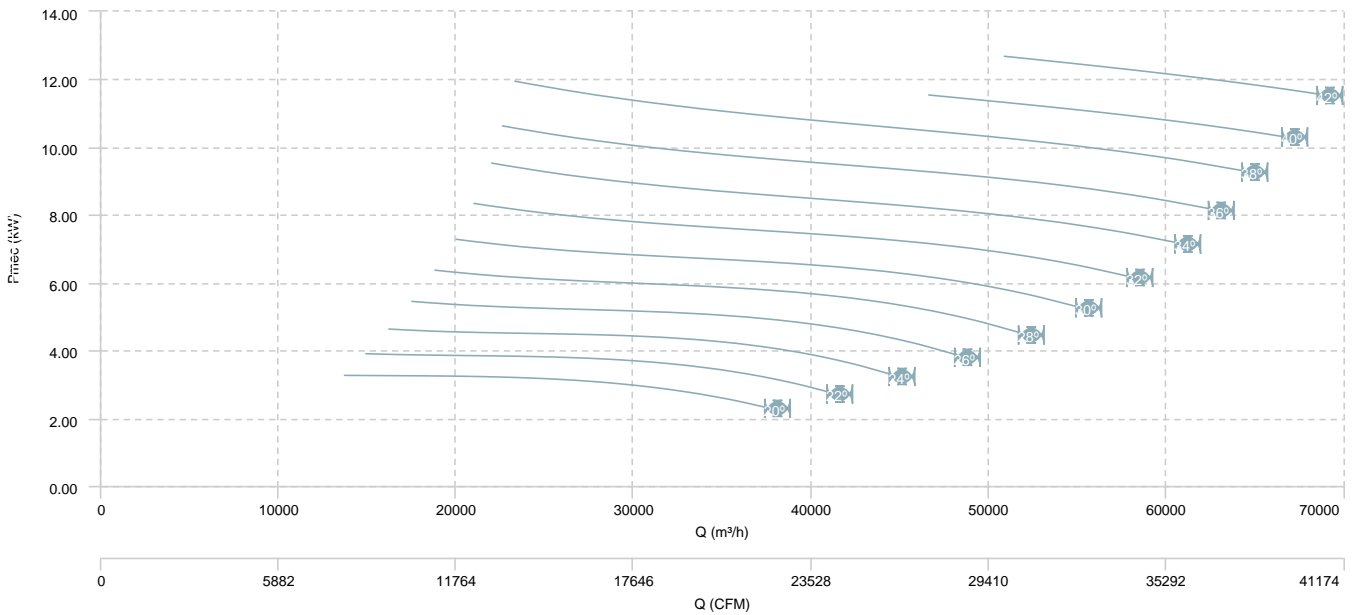


## HMX 100 T4 (A6:3)

### AIR FLOW - PRESSURE

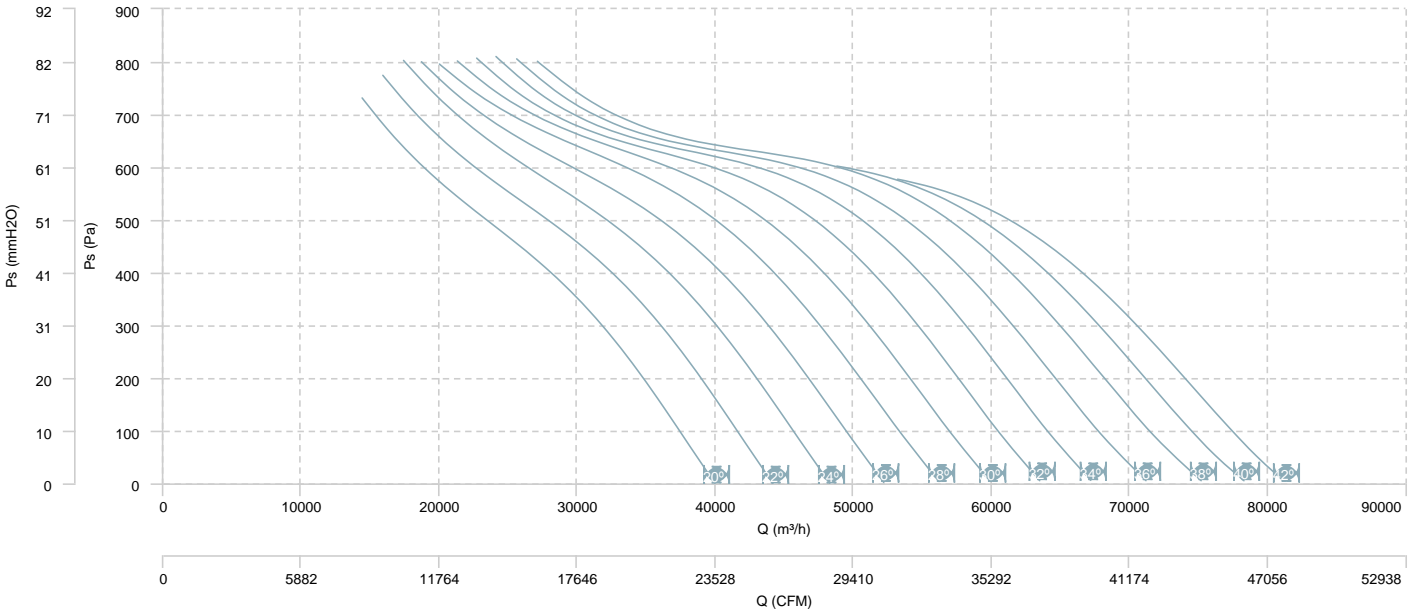


### AIR FLOW - MECHANICAL POWER

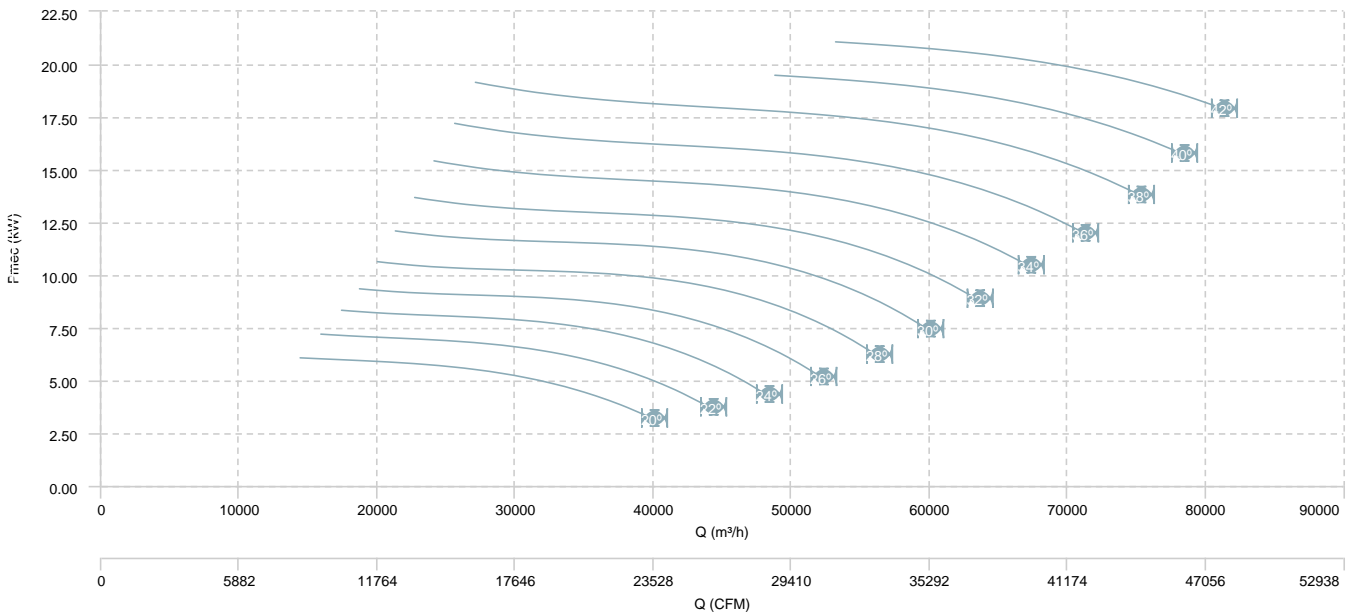


## HMX 100 T4 (A6:6)

### AIR FLOW - PRESSURE

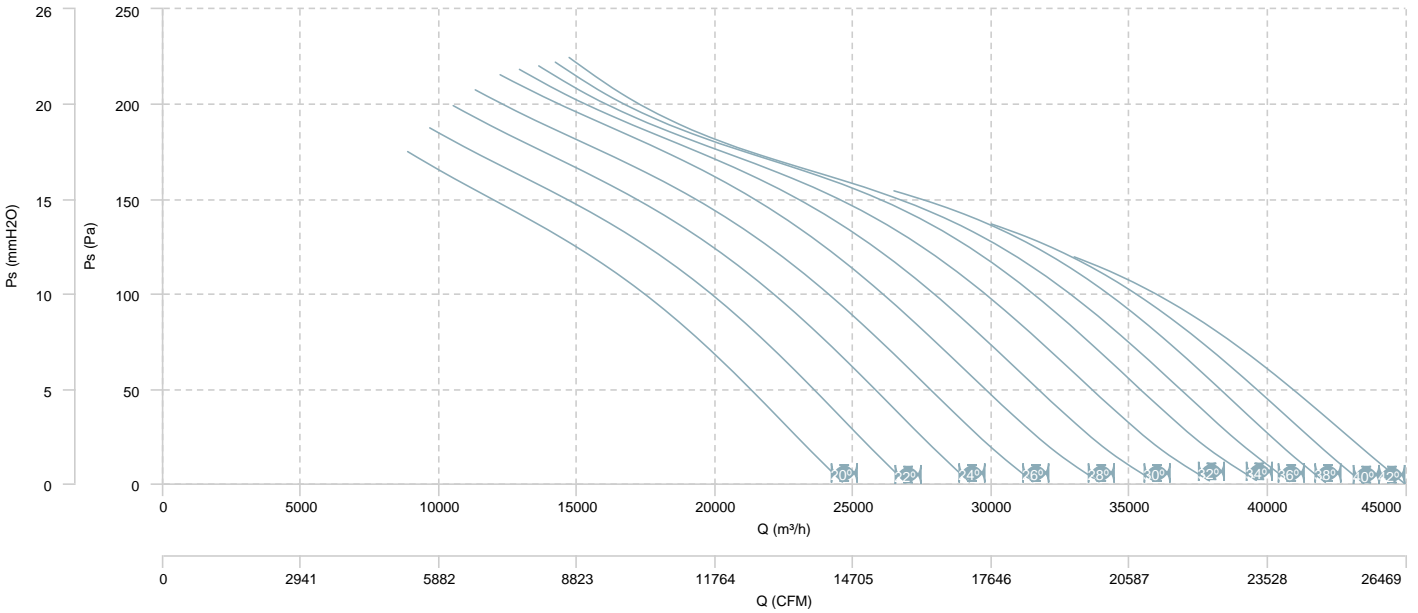


### AIR FLOW - MECHANICAL POWER

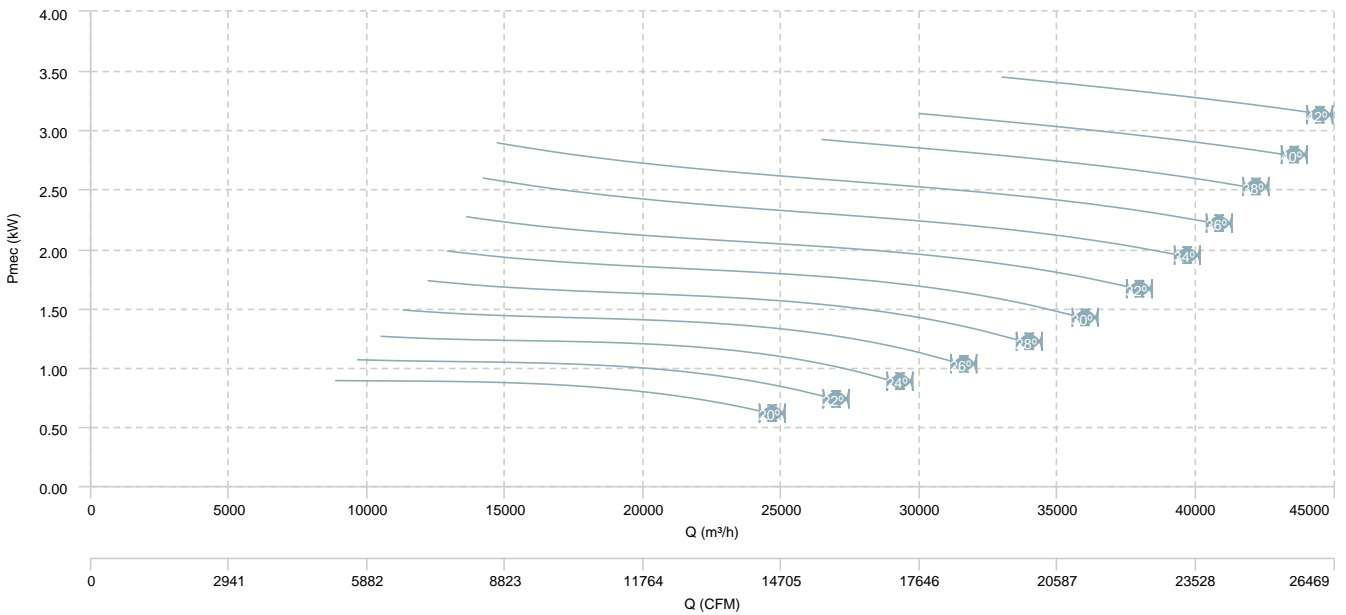


## HMX 100 T6 (A6:3)

### AIR FLOW - PRESSURE



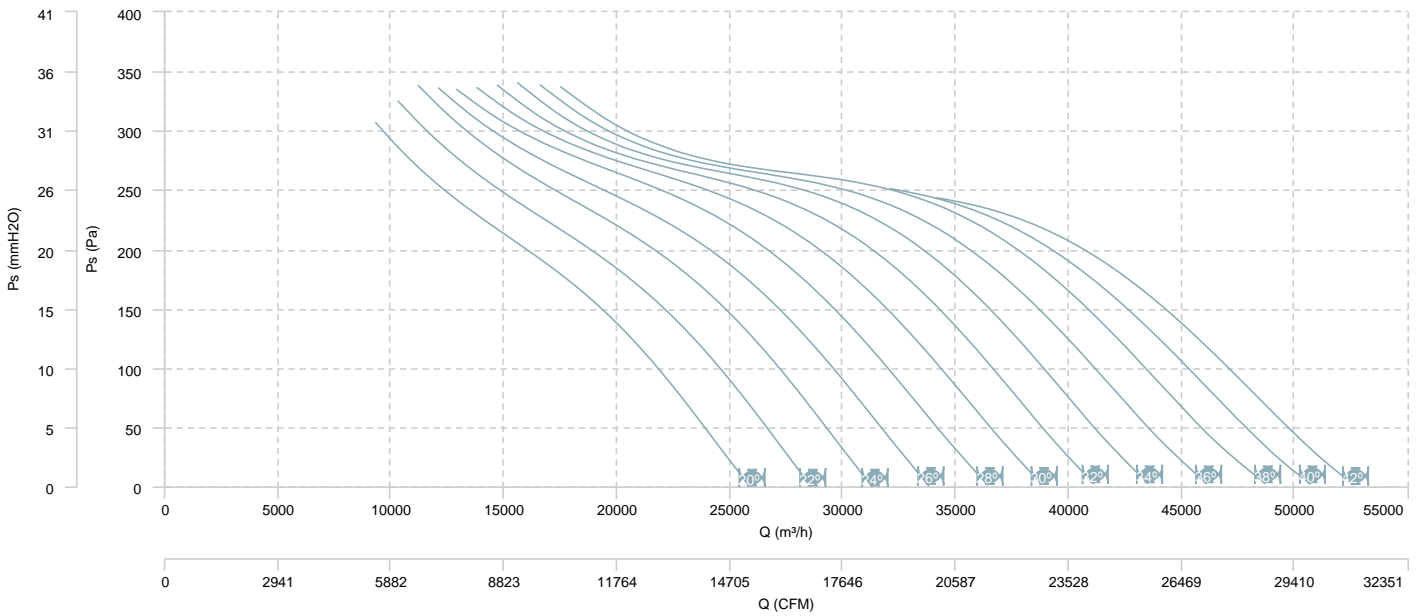
### AIR FLOW - MECHANICAL POWER



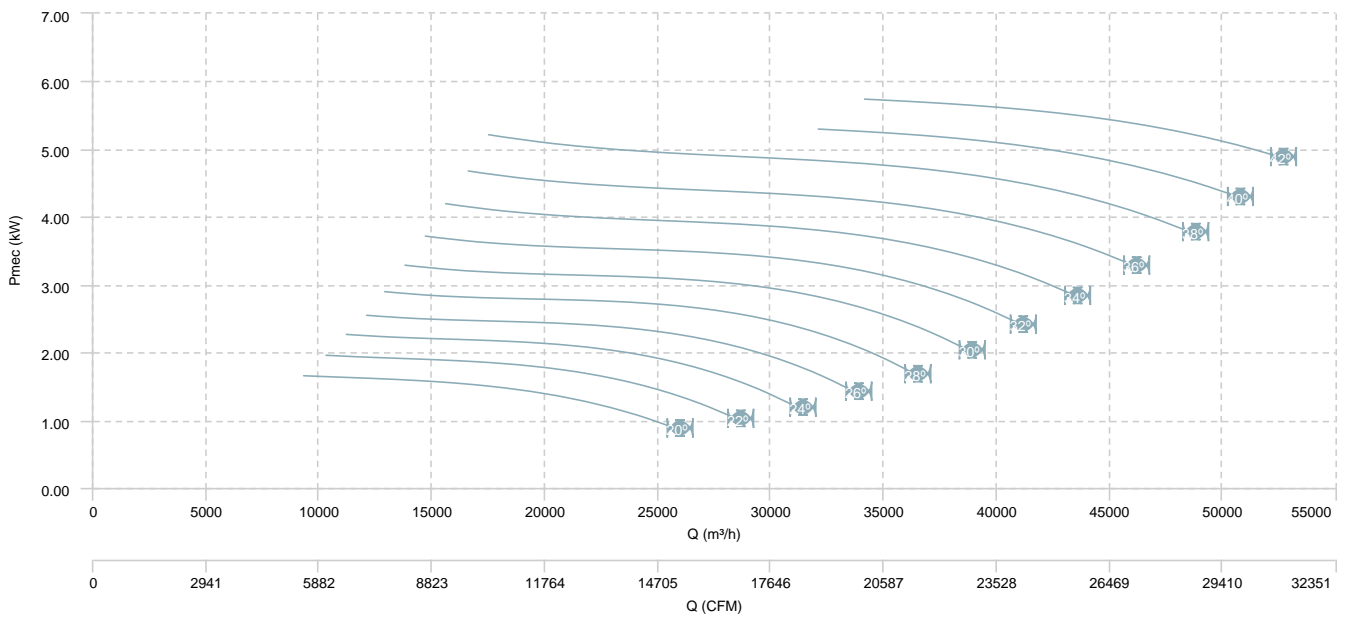


## HMX 100 T6 (A6:6)

### AIR FLOW - PRESSURE

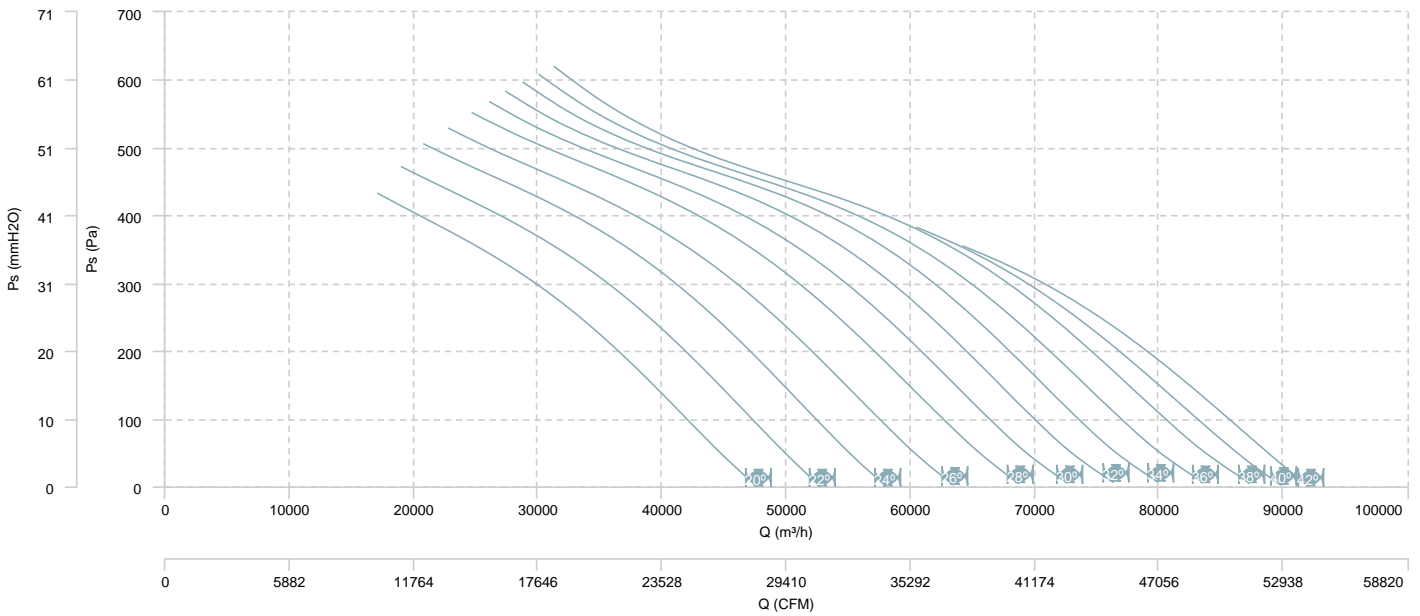


### AIR FLOW - MECHANICAL POWER

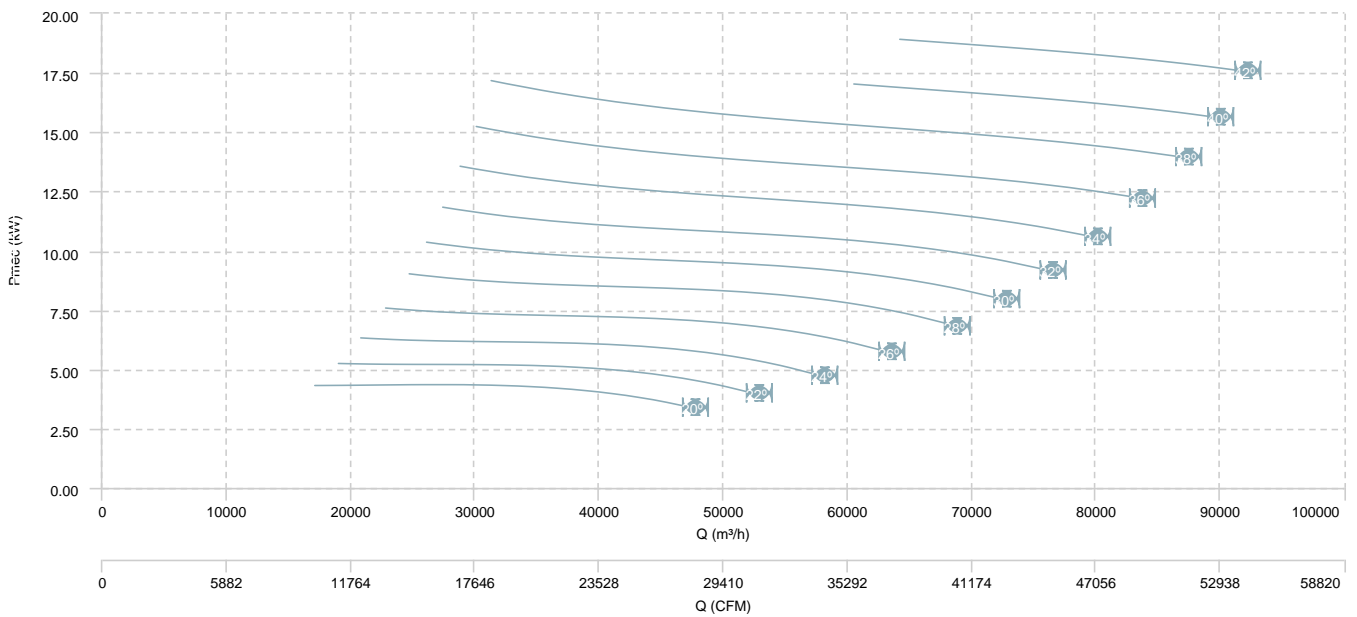


## HMX 112 T4 (A6:3)

### AIR FLOW - PRESSURE

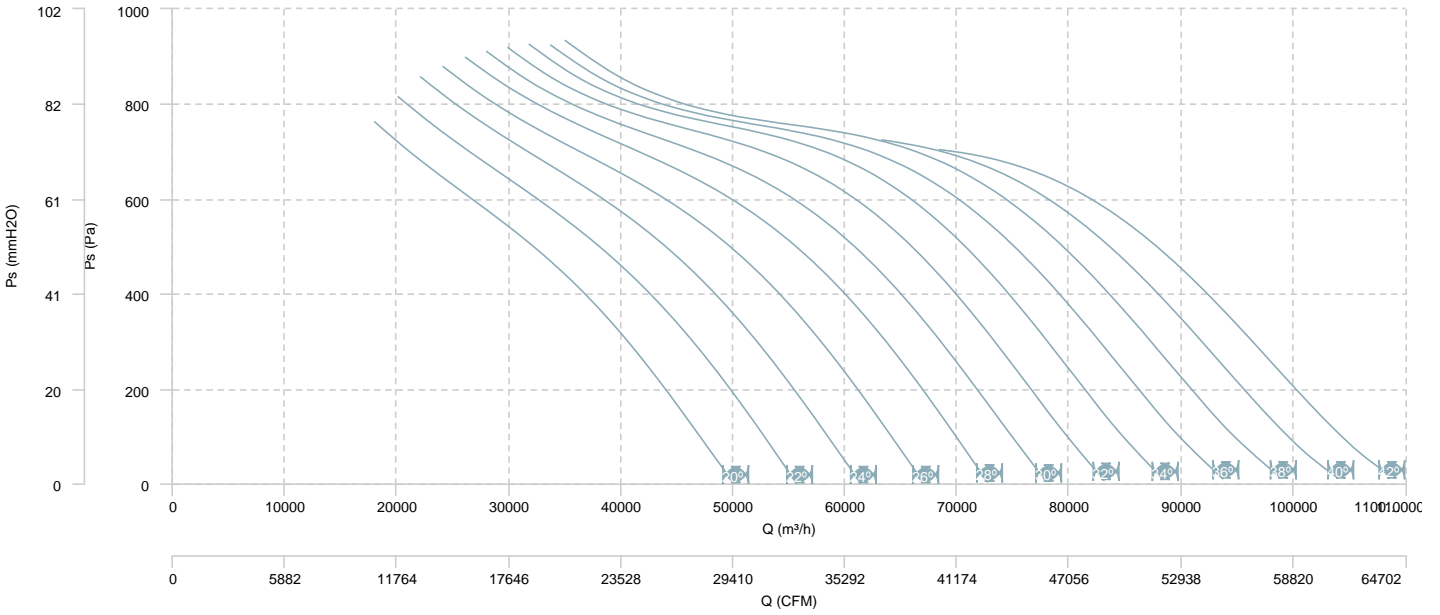


### AIR FLOW - MECHANICAL POWER

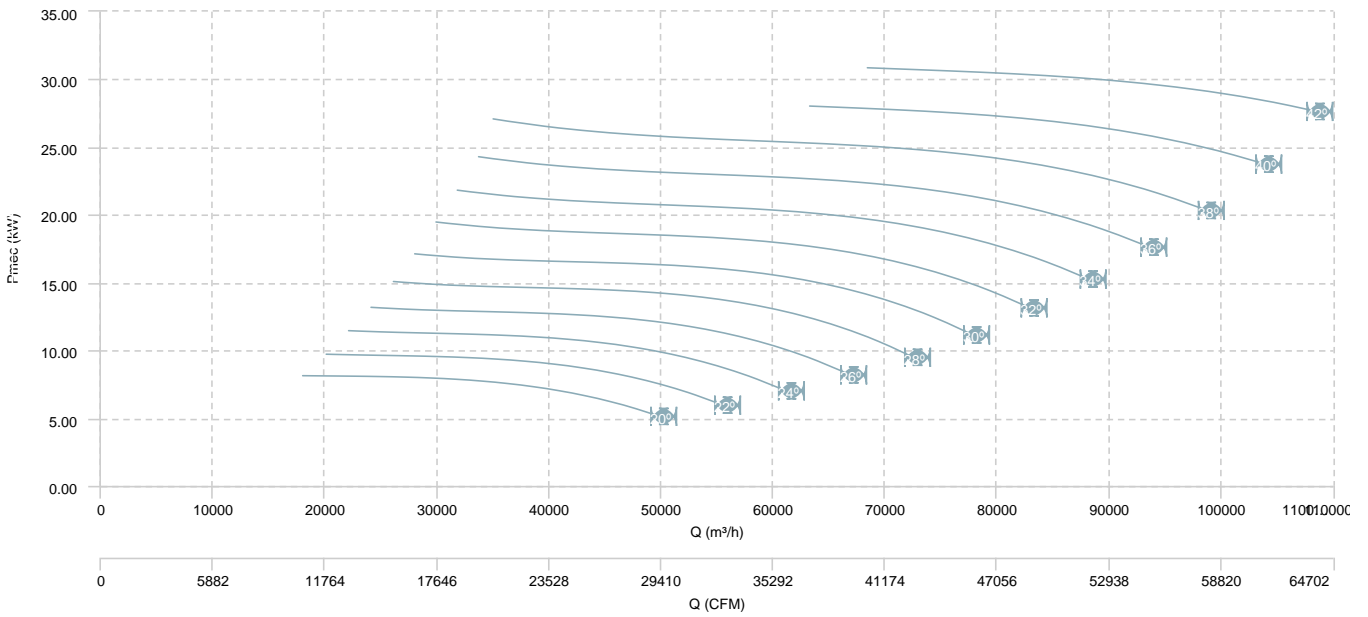


## HMX 112 T4 (A6:6)

### AIR FLOW - PRESSURE

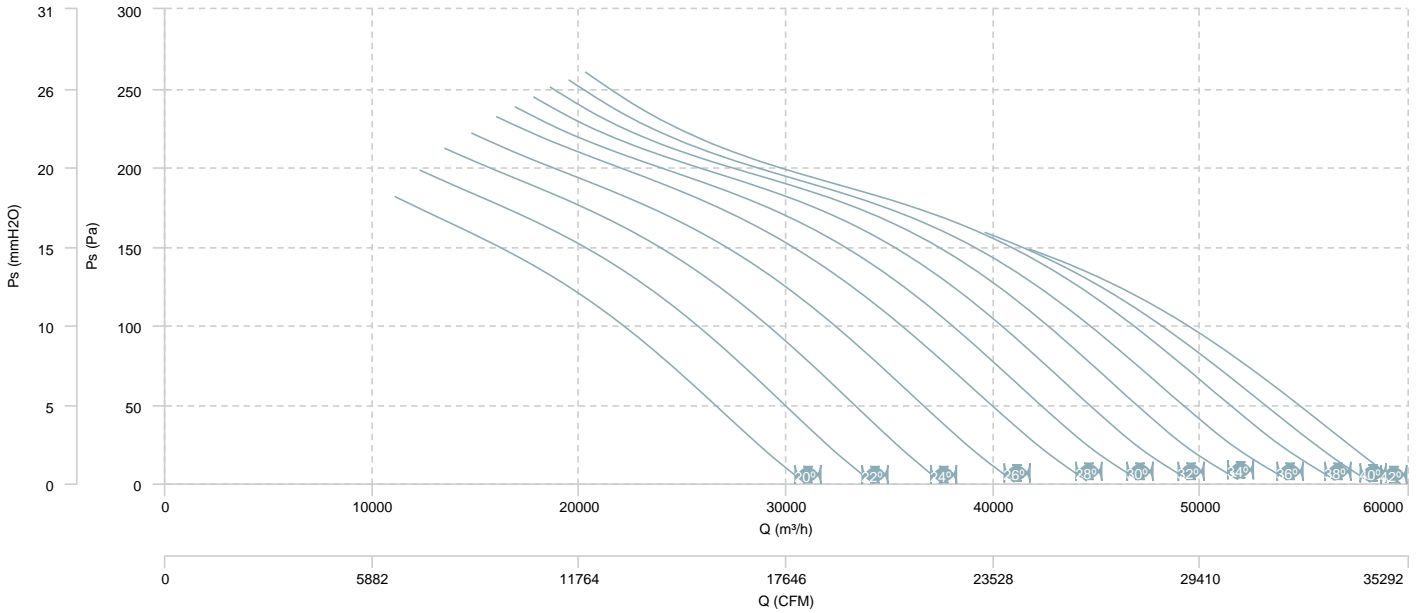


### AIR FLOW - MECHANICAL POWER

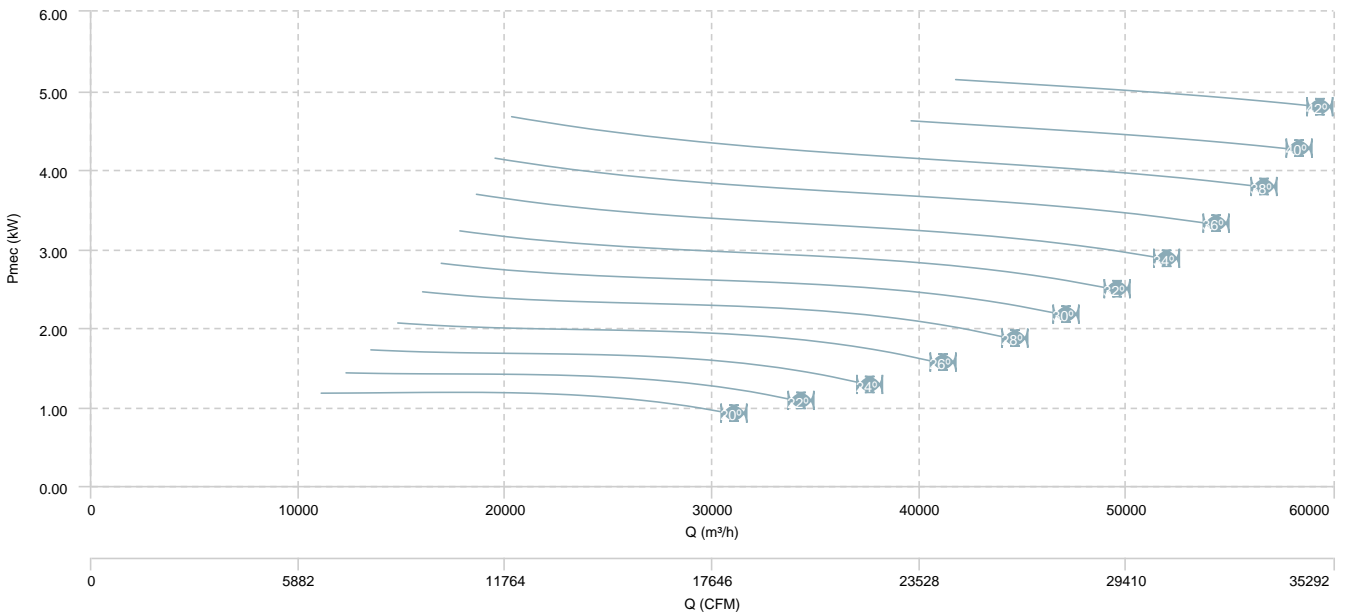


## HMX 112 T6 (A6:3)

### AIR FLOW - PRESSURE

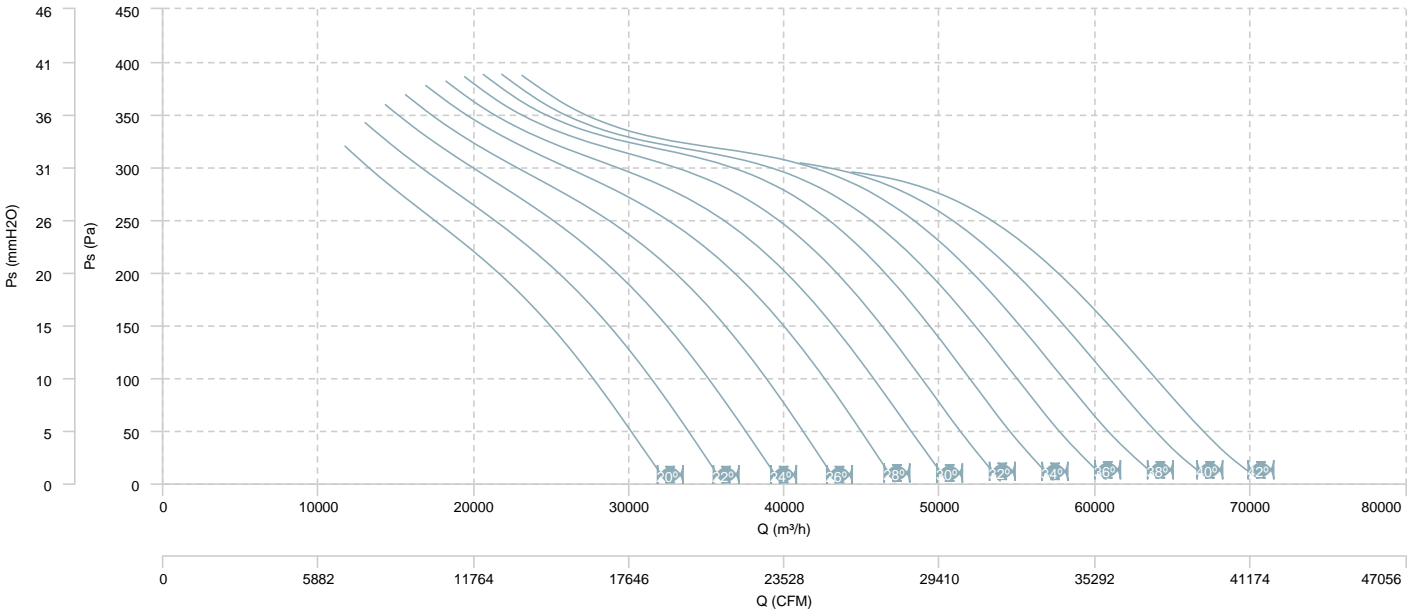


### AIR FLOW - MECHANICAL POWER

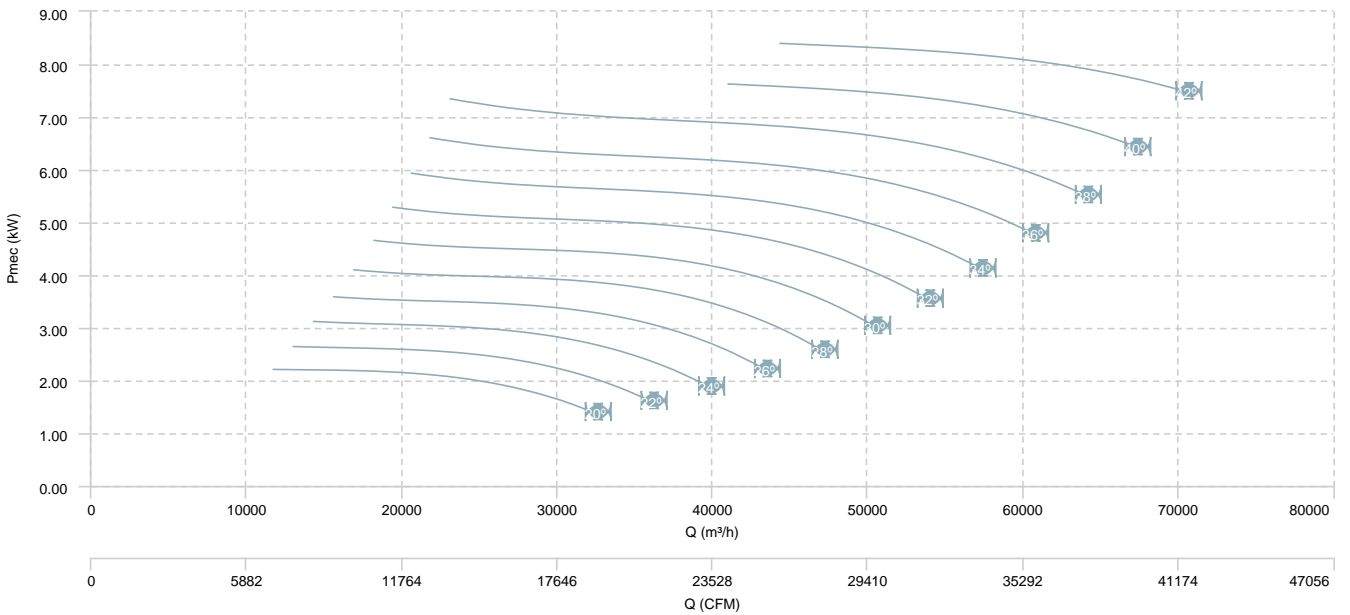


## HMX 112 T6 (A6:6)

### AIR FLOW - PRESSURE

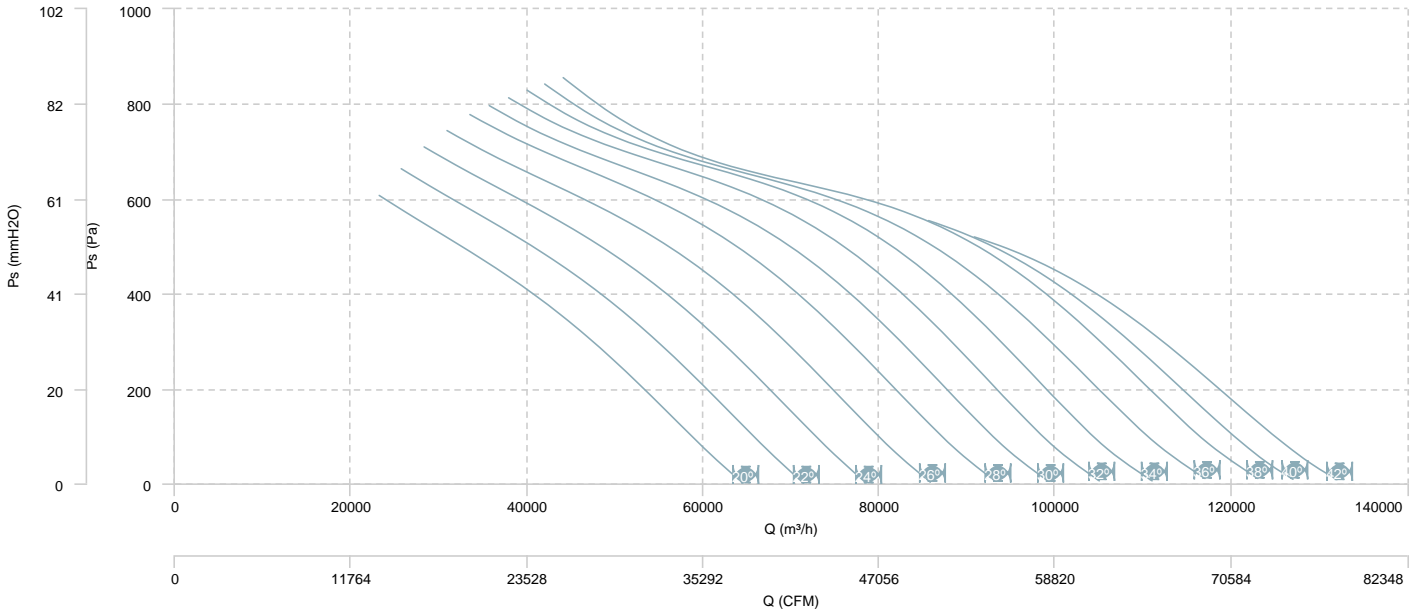


### AIR FLOW - MECHANICAL POWER

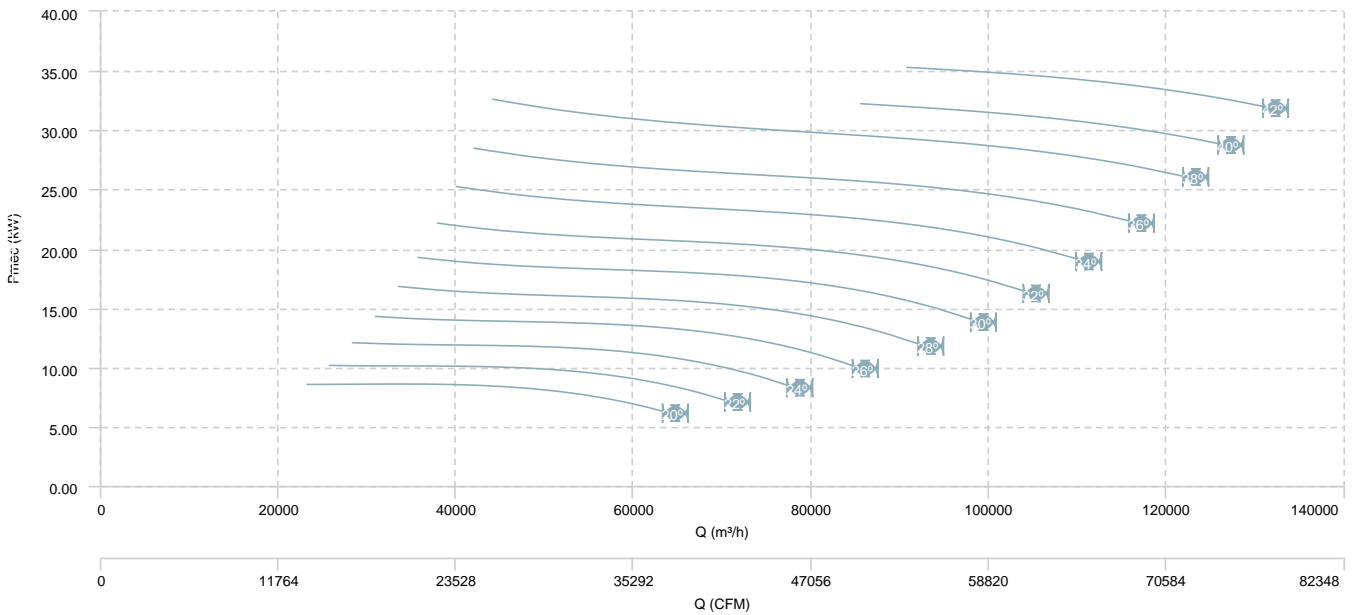


## HMX 125 T4 (A7:4)

### AIR FLOW - PRESSURE

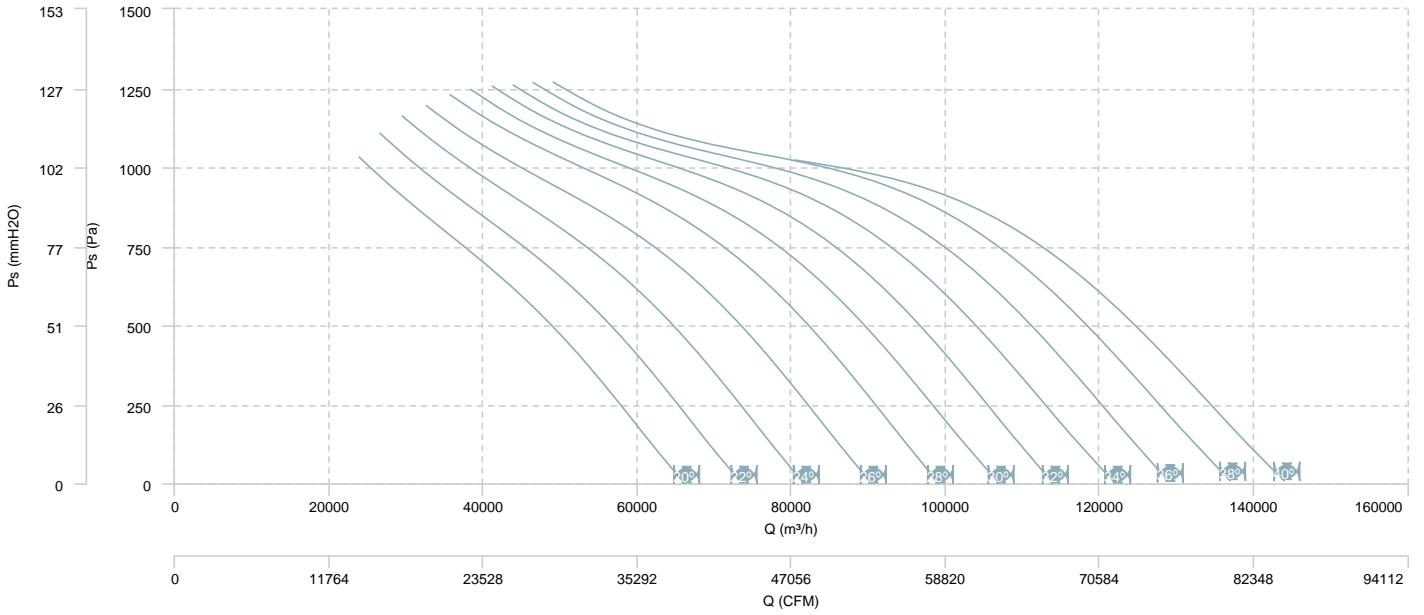


### AIR FLOW - MECHANICAL POWER

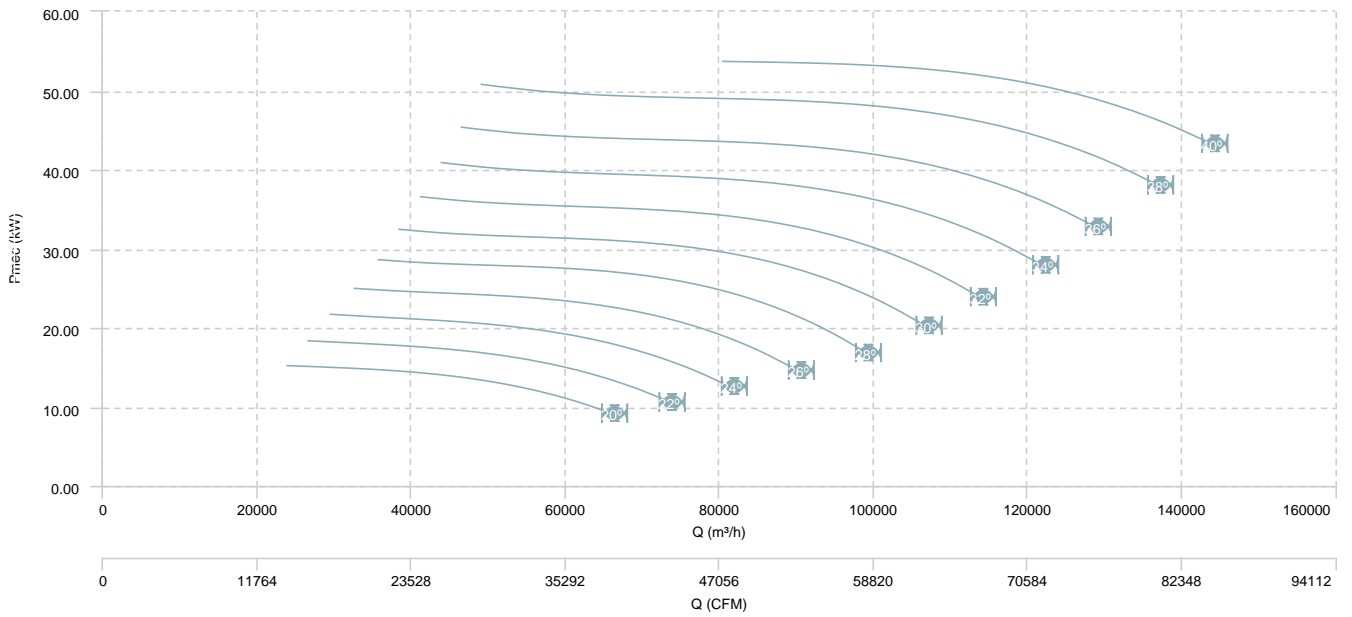


## HMX 125 T4 (A7:8)

### AIR FLOW - PRESSURE

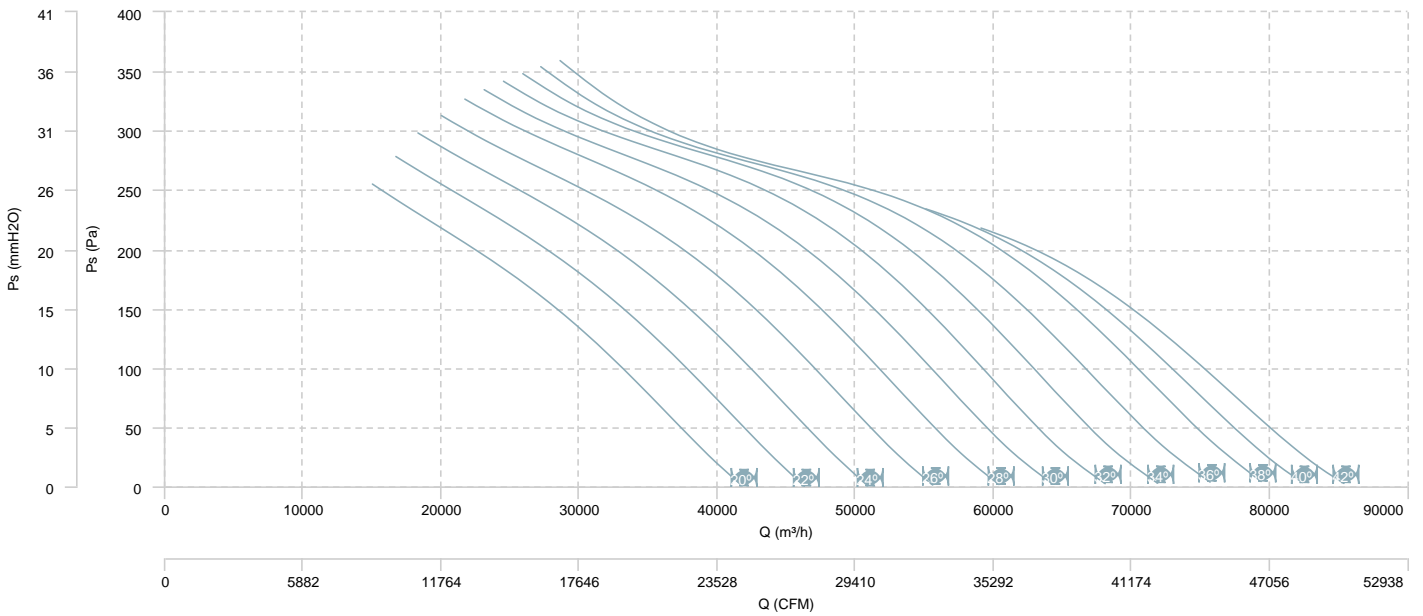


### AIR FLOW - MECHANICAL POWER

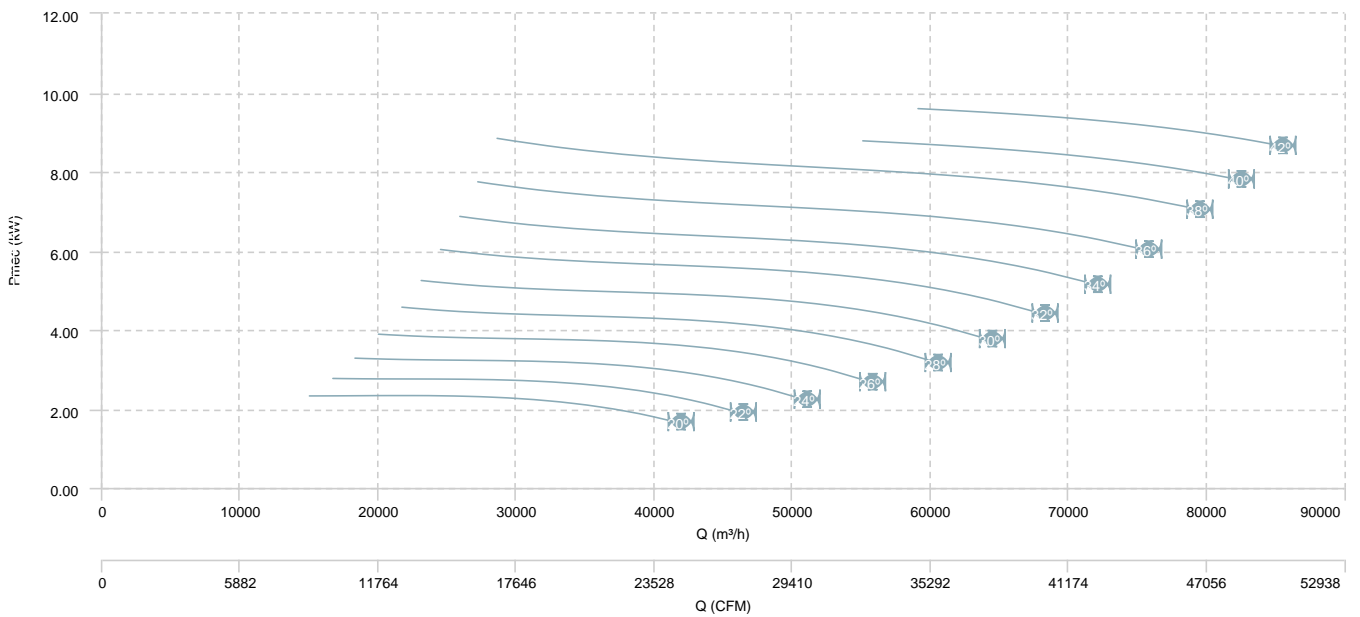


## HMX 125 T6 (A7:4)

### AIR FLOW - PRESSURE



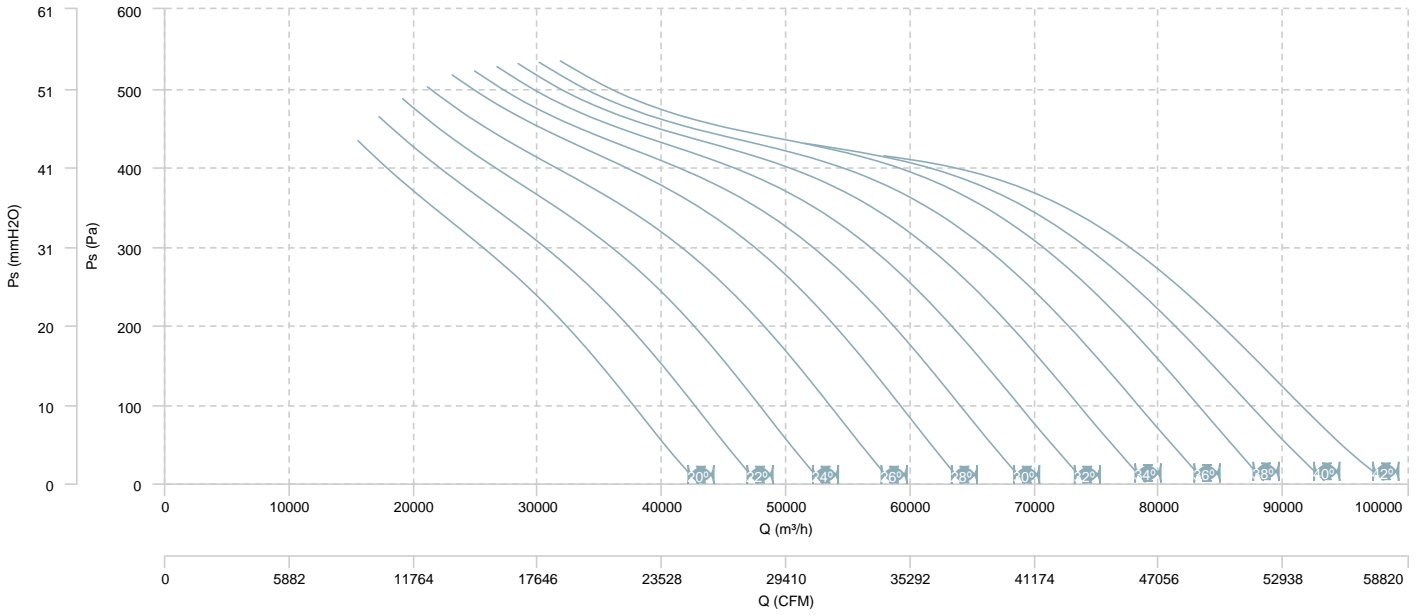
### AIR FLOW - MECHANICAL POWER



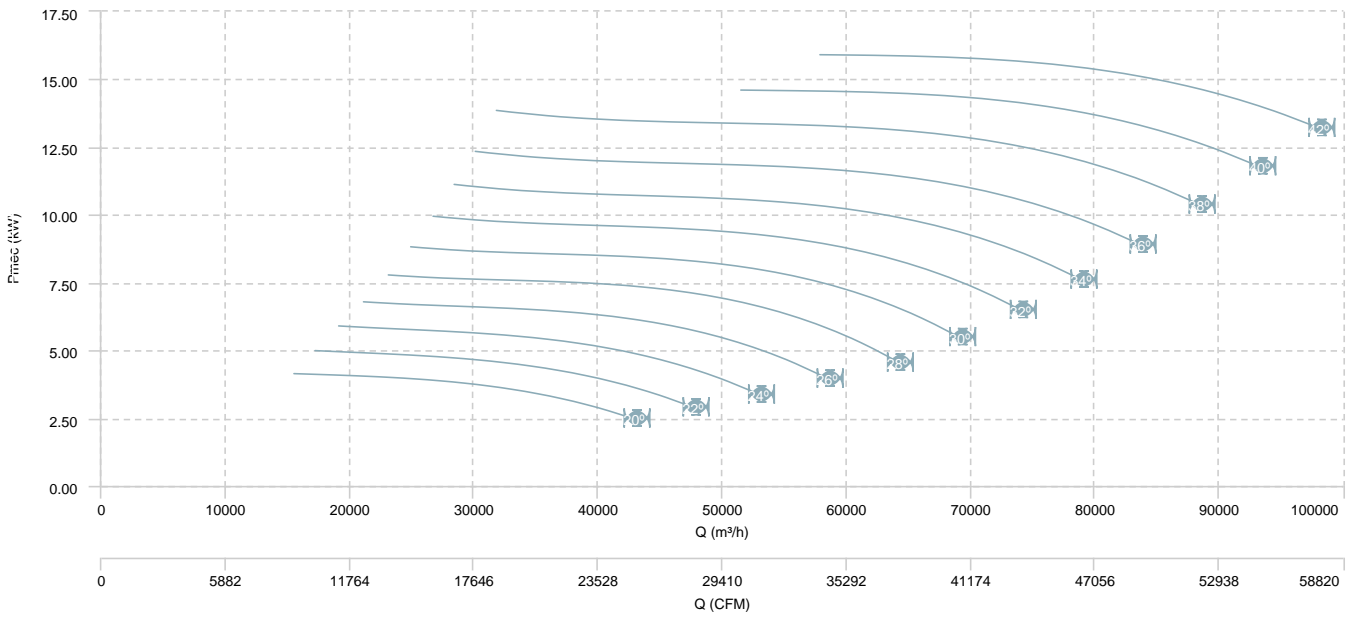


## HMX 125 T6 (A7:8)

### 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
HMX 35 T4 (A0:6) (35º)	Inlet	39	47	54	57	60	61	62	56	67
HMX 35 T4 (A0:6) (40º)	Inlet	41	49	55	59	61	62	63	57	68
HMX 40 T4 (A0:6) (35º)	Inlet	43	50	56	59	62	64	65	58	70
HMX 40 T4 (A0:6) (40º)	Inlet	47	53	59	63	66	67	67	60	72
HMX 45 T4 (A0:6) (35º)	Inlet	45	52	57	62	65	66	67	61	72
HMX 45 T4 (A0:6) (40º)	Inlet	47	54	60	63	66	67	68	61	73
HMX 45 T4 (A5:6) (25º)	Inlet	45	50	57	64	63	64	66	59	71
HMX 45 T4 (A5:6) (30º)	Inlet	48	53	60	64	66	67	68	59	73
HMX 45 T4 (A5:6) (35º)	Inlet	50	54	62	63	68	68	69	59	74
HMX 45 T4 (A5:6) (40º)	Inlet	53	56	65	66	70	70	71	62	76
HMX 45 T4 (A5:6) (45º)	Inlet	52	56	64	67	71	71	72	64	77
HMX 50 T4 (A0:6) (35º)	Inlet	46	53	60	63	66	65	67	60	72
HMX 50 T4 (A0:6) (40º)	Inlet	49	56	61	65	69	68	69	62	74
HMX 50 T4 (A5:6) (25º)	Inlet	44	51	56	61	64	66	68	60	72
HMX 50 T4 (A5:6) (30º)	Inlet	47	52	59	63	66	67	70	61	74
HMX 50 T4 (A5:6) (35º)	Inlet	49	54	61	67	69	70	72	63	77
HMX 50 T4 (A5:6) (40º)	Inlet	49	56	61	67	69	70	72	63	77
HMX 50 T4 (A5:6) (45º)	Inlet	52	59	64	72	73	73	75	67	80
HMX 56 T4 (A5:6) (20º)	Inlet	66	73	78	79	80	78	76	68	86
HMX 56 T4 (A5:6) (25º)	Inlet	53	62	67	73	75	75	76	67	82
HMX 56 T4 (A5:6) (30º)	Inlet	62	72	79	81	81	79	77	69	87
HMX 56 T4 (A5:6) (35º)	Inlet	50	62	67	73	74	75	76	68	81
HMX 56 T4 (A5:6) (40º)	Inlet	56	69	79	85	84	78	76	67	89
HMX 56 T4 (A5:6) (45º)	Inlet	60	73	88	94	91	80	76	67	96
HMX 63 T4 (A5:6) (20º)	Inlet	69	76	81	82	83	80	79	72	89
HMX 63 T4 (A5:6) (25º)	Inlet	54	63	68	73	77	76	76	70	83
HMX 63 T4 (A5:6) (30º)	Inlet	57	65	75	82	80	79	79	72	87
HMX 63 T4 (A5:6) (35º)	Inlet	53	65	70	74	78	77	79	72	84
HMX 63 T4 (A5:6) (40º)	Inlet	54	66	77	89	86	81	79	71	92
HMX 63 T4 (A5:6) (45º)	Inlet	55	66	82	100	92	84	79	71	100
HMX 71 T4 (A5:6) (20º)	Inlet	71	78	83	85	85	83	82	75	92
HMX 71 T4 (A5:6) (25º)	Inlet	58	68	74	78	81	82	82	73	88
HMX 71 T4 (A5:6) (30º)	Inlet	60	68	75	81	82	81	81	72	87
HMX 71 T4 (A5:6) (35º)	Inlet	53	65	70	75	78	79	80	71	84
HMX 71 T4 (A5:6) (40º)	Inlet	57	68	83	92	88	83	81	72	95

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HMX 71 T4 (A5:6) (45°)	Inlet	61	70	92	105	96	87	83	72	105
HMX 80 T4 (A5:6) (20°)	Inlet	74	81	86	88	88	86	85	78	94
HMX 80 T4 (A5:6) (25°)	Inlet	61	68	74	79	81	81	82	74	88
HMX 80 T4 (A5:6) (30°)	Inlet	61	72	79	89	87	85	85	77	93
HMX 80 T4 (A5:6) (35°)	Inlet	58	70	76	84	89	87	87	78	94
HMX 80 T4 (A5:6) (40°)	Inlet	59	72	88	93	90	86	84	76	97
HMX 90 T4 (A6:3) (20°)	Inlet	60	63	72	74	79	81	84	77	87
HMX 90 T4 (A6:3) (22°)	Inlet	61	65	74	77	81	82	85	79	89
HMX 90 T4 (A6:3) (24°)	Inlet	62	66	75	79	82	83	86	80	90
HMX 90 T4 (A6:3) (26°)	Inlet	63	68	76	80	83	84	86	81	91
HMX 90 T4 (A6:3) (28°)	Inlet	64	69	77	82	84	86	87	81	92
HMX 90 T4 (A6:3) (30°)	Inlet	65	71	78	84	85	87	88	82	93
HMX 90 T4 (A6:3) (32°)	Inlet	65	71	78	85	86	87	88	83	93
HMX 90 T4 (A6:3) (34°)	Inlet	65	72	79	86	87	88	89	83	94
HMX 90 T4 (A6:3) (36°)	Inlet	65	72	80	87	87	89	89	83	95
HMX 90 T4 (A6:3) (38°)	Inlet	66	73	81	88	89	90	90	85	96
HMX 90 T4 (A6:3) (40°)	Inlet	66	74	81	89	90	91	91	85	97
HMX 90 T4 (A6:3) (42°)	Inlet	66	75	82	90	91	92	92	86	98
HMX 90 T4 (A6:6) (20°)	Inlet	65	75	81	88	92	90	91	86	97
HMX 90 T4 (A6:6) (22°)	Inlet	65	75	82	89	92	91	91	86	97
HMX 90 T4 (A6:6) (24°)	Inlet	66	76	82	89	92	91	92	87	98
HMX 90 T4 (A6:6) (26°)	Inlet	67	77	83	90	92	92	92	87	98
HMX 90 T4 (A6:6) (28°)	Inlet	68	77	83	90	92	92	93	88	98
HMX 90 T4 (A6:6) (30°)	Inlet	69	78	83	90	92	92	93	88	99
HMX 90 T4 (A6:6) (32°)	Inlet	67	76	82	88	90	91	92	87	97
HMX 90 T4 (A6:6) (34°)	Inlet	66	75	80	87	88	89	91	85	95
HMX 90 T4 (A6:6) (36°)	Inlet	66	75	80	86	87	89	90	85	95
HMX 90 T4 (A6:6) (38°)	Inlet	67	75	81	87	88	89	91	85	96
HMX 90 T4 (A6:6) (40°)	Inlet	67	76	82	87	89	90	91	85	96
HMX 90 T4 (A6:6) (42°)	Inlet	68	77	83	88	89	90	91	85	96
HMX 100 T4 (A6:3) (20°)	Inlet	64	71	76	81	87	88	92	84	95
HMX 100 T4 (A6:3) (22°)	Inlet	65	72	78	82	87	89	92	85	95
HMX 100 T4 (A6:3) (24°)	Inlet	65	72	78	83	87	89	91	84	95
HMX 100 T4 (A6:3) (26°)	Inlet	65	72	78	83	87	88	90	84	94
HMX 100 T4 (A6:3) (28°)	Inlet	65	72	78	83	86	88	90	83	94
HMX 100 T4 (A6:3) (30°)	Inlet	66	72	78	84	86	87	89	83	94
HMX 100 T4 (A6:3) (32°)	Inlet	67	73	80	85	87	89	90	84	95
HMX 100 T4 (A6:3) (34°)	Inlet	69	74	82	87	89	90	90	85	96
HMX 100 T4 (A6:3) (36°)	Inlet	69	75	82	88	89	91	91	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
HMX 100 T4 (A6:3) (38°)	Inlet	69	76	82	89	90	91	91	86	97
HMX 100 T4 (A6:3) (40°)	Inlet	69	76	83	89	91	92	92	87	98
HMX 100 T4 (A6:3) (42°)	Inlet	69	77	83	90	92	93	93	88	98
HMX 100 T4 (A6:6) (20°)	Inlet	68	80	85	95	96	95	95	91	102
HMX 100 T4 (A6:6) (22°)	Inlet	69	80	85	94	95	95	95	91	101
HMX 100 T4 (A6:6) (24°)	Inlet	70	80	85	94	95	95	95	91	101
HMX 100 T4 (A6:6) (26°)	Inlet	71	80	86	94	95	95	96	91	102
HMX 100 T4 (A6:6) (28°)	Inlet	72	81	87	94	95	96	96	92	102
HMX 100 T4 (A6:6) (30°)	Inlet	73	81	88	94	95	96	97	92	102
HMX 100 T4 (A6:6) (32°)	Inlet	72	80	87	92	93	94	95	90	101
HMX 100 T4 (A6:6) (34°)	Inlet	71	79	86	90	92	93	94	89	99
HMX 100 T4 (A6:6) (36°)	Inlet	71	79	86	89	92	92	94	88	99
HMX 100 T4 (A6:6) (38°)	Inlet	72	80	86	90	92	93	94	89	99
HMX 100 T4 (A6:6) (40°)	Inlet	72	80	87	91	93	94	95	89	100
HMX 100 T4 (A6:6) (42°)	Inlet	72	80	87	91	93	94	95	89	100
HMX 112 T4 (A6:3) (20°)	Inlet	67	74	80	86	91	93	94	89	99
HMX 112 T4 (A6:3) (22°)	Inlet	68	75	81	87	92	93	95	90	99
HMX 112 T4 (A6:3) (24°)	Inlet	70	77	82	88	92	93	95	90	100
HMX 112 T4 (A6:3) (26°)	Inlet	70	77	83	89	92	93	95	90	100
HMX 112 T4 (A6:3) (28°)	Inlet	71	77	84	89	92	93	95	90	100
HMX 112 T4 (A6:3) (30°)	Inlet	71	76	84	89	91	92	95	89	99
HMX 112 T4 (A6:3) (32°)	Inlet	72	77	84	89	92	93	94	89	99
HMX 112 T4 (A6:3) (34°)	Inlet	72	77	85	90	92	93	94	90	99
HMX 112 T4 (A6:3) (36°)	Inlet	73	78	85	90	92	93	94	90	99
HMX 112 T4 (A6:3) (38°)	Inlet	73	78	85	91	93	94	94	90	100
HMX 112 T4 (A6:3) (40°)	Inlet	72	79	85	91	93	94	94	90	100
HMX 112 T4 (A6:3) (42°)	Inlet	73	79	85	91	94	95	95	90	100
HMX 112 T4 (A6:6) (20°)	Inlet	69	80	86	97	98	97	98	93	104
HMX 112 T4 (A6:6) (22°)	Inlet	70	80	86	96	98	97	98	92	104
HMX 112 T4 (A6:6) (24°)	Inlet	71	80	86	95	97	96	97	91	103
HMX 112 T4 (A6:6) (26°)	Inlet	72	81	87	95	97	97	98	92	103
HMX 112 T4 (A6:6) (28°)	Inlet	73	82	87	95	97	97	98	91	103
HMX 112 T4 (A6:6) (30°)	Inlet	74	82	87	94	96	97	98	91	103
HMX 112 T4 (A6:6) (32°)	Inlet	74	81	87	92	95	96	97	90	102
HMX 112 T4 (A6:6) (34°)	Inlet	73	81	86	90	94	95	96	89	101
HMX 112 T4 (A6:6) (36°)	Inlet	74	82	87	90	94	96	96	89	101
HMX 112 T4 (A6:6) (38°)	Inlet	76	83	89	92	95	97	97	90	102
HMX 112 T4 (A6:6) (40°)	Inlet	78	84	91	94	97	98	99	92	104
HMX 112 T4 (A6:6) (42°)	Inlet	78	83	91	94	97	98	98	92	104

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HMX 125 T4 (A7:4) (20°)	Inlet	72	85	90	97	101	102	103	100	108
HMX 125 T4 (A7:4) (22°)	Inlet	74	86	92	98	101	103	104	100	109
HMX 125 T4 (A7:4) (24°)	Inlet	75	84	90	96	99	101	102	98	107
HMX 125 T4 (A7:4) (26°)	Inlet	75	83	89	94	98	99	100	95	105
HMX 125 T4 (A7:4) (28°)	Inlet	75	82	88	92	96	98	99	93	103
HMX 125 T4 (A7:4) (30°)	Inlet	73	81	86	90	94	96	96	90	101
HMX 125 T4 (A7:4) (32°)	Inlet	73	80	86	90	93	95	96	89	101
HMX 125 T4 (A7:4) (34°)	Inlet	73	80	86	90	93	95	96	88	100
HMX 125 T4 (A7:4) (36°)	Inlet	73	81	86	90	93	95	96	88	101
HMX 125 T4 (A7:4) (38°)	Inlet	74	82	87	91	94	96	96	89	101
HMX 125 T4 (A7:4) (40°)	Inlet	75	82	88	91	94	97	96	89	102
HMX 125 T4 (A7:4) (42°)	Inlet	75	83	88	92	95	97	97	90	102
HMX 125 T4 (A7:8) (20°)	Inlet	77	85	92	100	106	110	108	103	114
HMX 125 T4 (A7:8) (22°)	Inlet	77	84	92	99	105	109	107	102	113
HMX 125 T4 (A7:8) (24°)	Inlet	77	84	91	98	104	107	106	100	111
HMX 125 T4 (A7:8) (26°)	Inlet	77	83	91	97	102	106	105	99	110
HMX 125 T4 (A7:8) (28°)	Inlet	77	83	90	96	101	105	104	98	109
HMX 125 T4 (A7:8) (30°)	Inlet	76	82	89	95	99	103	102	96	107
HMX 125 T4 (A7:8) (32°)	Inlet	76	83	89	94	99	101	101	94	106
HMX 125 T4 (A7:8) (34°)	Inlet	77	83	90	94	98	100	100	92	105
HMX 125 T4 (A7:8) (36°)	Inlet	77	83	90	94	97	99	99	91	104
HMX 125 T4 (A7:8) (38°)	Inlet	77	84	90	94	97	99	98	91	104
HMX 125 T4 (A7:8) (40°)	Inlet	76	83	89	93	97	99	97	91	103
HMX 125 T4 (A7:8) (42°)	Inlet	76	83	89	94	97	99	97	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
HMX 40 T6 (A0:6) (35°)	Inlet	33	41	46	49	53	55	56	48	60
HMX 40 T6 (A0:6) (40°)	Inlet	37	44	50	53	56	57	58	51	63
HMX 45 T6 (A0:6) (35°)	Inlet	35	42	48	52	56	56	58	51	63
HMX 45 T6 (A0:6) (40°)	Inlet	37	45	50	54	57	58	58	52	64
HMX 45 T6 (A5:6) (25°)	Inlet	36	41	48	55	53	55	57	49	62
HMX 45 T6 (A5:6) (30°)	Inlet	39	44	51	55	57	58	59	50	64
HMX 45 T6 (A5:6) (35°)	Inlet	40	44	52	53	58	58	60	49	65
HMX 45 T6 (A5:6) (40°)	Inlet	43	47	55	57	60	60	62	53	67
HMX 45 T6 (A5:6) (45°)	Inlet	42	46	54	58	61	62	63	55	68

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HMX 50 T6 (A0:6) (35º)	Inlet	36	44	51	53	56	56	57	50	63
HMX 50 T6 (A0:6) (40º)	Inlet	39	47	52	56	59	58	60	53	65
HMX 50 T6 (A5:6) (25º)	Inlet	35	42	47	52	54	57	59	51	63
HMX 50 T6 (A5:6) (30º)	Inlet	38	43	50	54	57	58	61	52	65
HMX 50 T6 (A5:6) (35º)	Inlet	39	44	51	58	60	61	63	54	67
HMX 50 T6 (A5:6) (40º)	Inlet	40	47	52	58	60	61	63	54	67
HMX 50 T6 (A5:6) (45º)	Inlet	43	50	55	63	64	64	66	58	71
HMX 56 T6 (A5:6) (20º)	Inlet	63	70	75	76	77	75	73	65	82
HMX 56 T6 (A5:6) (25º)	Inlet	50	59	64	70	72	72	73	64	78
HMX 56 T6 (A5:6) (30º)	Inlet	58	68	75	77	78	76	74	66	83
HMX 56 T6 (A5:6) (35º)	Inlet	47	58	63	69	70	71	72	64	78
HMX 56 T6 (A5:6) (40º)	Inlet	53	66	76	81	81	75	73	64	85
HMX 56 T6 (A5:6) (45º)	Inlet	57	69	84	90	88	77	73	63	93
HMX 63 T6 (A5:6) (20º)	Inlet	66	73	78	79	80	77	76	69	85
HMX 63 T6 (A5:6) (25º)	Inlet	51	60	65	70	74	73	73	67	79
HMX 63 T6 (A5:6) (30º)	Inlet	54	62	72	79	77	76	76	69	83
HMX 63 T6 (A5:6) (35º)	Inlet	50	62	67	71	75	74	76	69	81
HMX 63 T6 (A5:6) (40º)	Inlet	51	63	74	86	83	78	76	68	88
HMX 63 T6 (A5:6) (45º)	Inlet	52	63	79	96	88	81	76	67	97
HMX 71 T6 (A5:6) (20º)	Inlet	68	75	80	82	82	80	79	72	88
HMX 71 T6 (A5:6) (25º)	Inlet	55	65	71	75	78	79	79	70	84
HMX 71 T6 (A5:6) (30º)	Inlet	57	65	71	77	78	78	77	68	84
HMX 71 T6 (A5:6) (35º)	Inlet	49	61	66	71	74	75	76	67	81
HMX 71 T6 (A5:6) (40º)	Inlet	54	64	79	89	85	80	78	68	91
HMX 71 T6 (A5:6) (45º)	Inlet	57	66	88	101	92	83	79	69	102
HMX 80 T6 (A5:6) (20º)	Inlet	71	78	83	85	85	83	82	75	91
HMX 80 T6 (A5:6) (25º)	Inlet	58	65	71	76	78	78	79	71	84
HMX 80 T6 (A5:6) (30º)	Inlet	58	69	76	86	84	82	82	74	90
HMX 80 T6 (A5:6) (35º)	Inlet	55	67	73	81	86	84	84	75	90
HMX 80 T6 (A5:6) (40º)	Inlet	56	69	85	90	87	83	81	73	93
HMX 80 T6 (A5:6) (45º)	Inlet	56	70	93	96	87	82	79	71	98
HMX 90 T6 (A6:3) (20º)	Inlet	50	54	63	65	70	71	74	68	78
HMX 90 T6 (A6:3) (22º)	Inlet	52	55	64	67	71	73	75	69	79
HMX 90 T6 (A6:3) (24º)	Inlet	53	57	65	69	72	74	76	70	80
HMX 90 T6 (A6:3) (26º)	Inlet	54	58	66	71	74	75	77	71	81
HMX 90 T6 (A6:3) (28º)	Inlet	55	60	67	73	75	76	78	72	82
HMX 90 T6 (A6:3) (30º)	Inlet	55	61	68	75	76	77	79	73	83
HMX 90 T6 (A6:3) (32º)	Inlet	56	62	69	76	77	78	79	73	84
HMX 90 T6 (A6:3) (34º)	Inlet	56	62	69	77	77	79	79	73	85

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HMX 90 T6 (A6:3) (36°)	Inlet	56	63	70	78	78	79	80	74	85
HMX 90 T6 (A6:3) (38°)	Inlet	56	64	71	79	79	81	81	75	86
HMX 90 T6 (A6:3) (40°)	Inlet	56	65	72	80	80	82	82	76	87
HMX 90 T6 (A6:3) (42°)	Inlet	57	65	73	80	81	83	82	77	88
HMX 90 T6 (A6:6) (20°)	Inlet	55	65	72	79	83	81	81	76	88
HMX 90 T6 (A6:6) (22°)	Inlet	56	66	72	79	83	81	82	77	88
HMX 90 T6 (A6:6) (24°)	Inlet	57	67	73	80	83	82	82	78	88
HMX 90 T6 (A6:6) (26°)	Inlet	58	67	73	80	83	82	83	78	89
HMX 90 T6 (A6:6) (28°)	Inlet	59	68	74	80	82	82	83	79	89
HMX 90 T6 (A6:6) (30°)	Inlet	59	68	74	81	82	83	84	79	89
HMX 90 T6 (A6:6) (32°)	Inlet	58	67	72	79	80	81	82	77	88
HMX 90 T6 (A6:6) (34°)	Inlet	57	65	71	77	79	80	81	76	86
HMX 90 T6 (A6:6) (36°)	Inlet	56	65	71	77	78	79	81	75	86
HMX 90 T6 (A6:6) (38°)	Inlet	57	66	71	77	79	80	81	75	86
HMX 90 T6 (A6:6) (40°)	Inlet	58	67	72	78	79	80	82	76	87
HMX 90 T6 (A6:6) (42°)	Inlet	58	67	73	78	80	81	82	76	87
HMX 100 T6 (A6:3) (20°)	Inlet	54	61	67	72	77	79	82	75	85
HMX 100 T6 (A6:3) (22°)	Inlet	55	63	68	73	78	79	83	75	86
HMX 100 T6 (A6:3) (24°)	Inlet	56	63	68	73	78	79	82	75	86
HMX 100 T6 (A6:3) (26°)	Inlet	56	63	68	74	77	79	81	74	85
HMX 100 T6 (A6:3) (28°)	Inlet	56	62	68	74	77	78	80	74	84
HMX 100 T6 (A6:3) (30°)	Inlet	56	62	69	74	77	78	79	74	84
HMX 100 T6 (A6:3) (32°)	Inlet	58	64	70	76	78	79	80	75	85
HMX 100 T6 (A6:3) (34°)	Inlet	59	65	72	77	79	80	81	76	86
HMX 100 T6 (A6:3) (36°)	Inlet	60	66	73	78	80	81	81	76	87
HMX 100 T6 (A6:3) (38°)	Inlet	60	66	73	79	81	82	82	77	88
HMX 100 T6 (A6:3) (40°)	Inlet	60	67	73	80	82	82	82	77	88
HMX 100 T6 (A6:3) (42°)	Inlet	60	68	74	80	83	83	83	78	89
HMX 100 T6 (A6:6) (20°)	Inlet	59	70	76	86	86	86	86	82	93
HMX 100 T6 (A6:6) (22°)	Inlet	59	70	76	85	86	86	86	81	92
HMX 100 T6 (A6:6) (24°)	Inlet	60	70	76	84	85	85	86	81	92
HMX 100 T6 (A6:6) (26°)	Inlet	62	71	77	85	86	86	86	82	92
HMX 100 T6 (A6:6) (28°)	Inlet	63	72	78	85	86	86	87	82	93
HMX 100 T6 (A6:6) (30°)	Inlet	64	72	78	84	85	86	87	82	93
HMX 100 T6 (A6:6) (32°)	Inlet	63	71	77	82	84	85	86	81	91
HMX 100 T6 (A6:6) (34°)	Inlet	62	70	76	80	83	83	85	79	90
HMX 100 T6 (A6:6) (36°)	Inlet	62	70	76	80	82	83	84	79	89
HMX 100 T6 (A6:6) (38°)	Inlet	62	70	77	80	83	84	85	79	90
HMX 100 T6 (A6:6) (40°)	Inlet	63	71	77	81	84	85	85	80	91

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HMX 100 T6 (A6:6) (42º)	Inlet	63	71	77	81	84	85	85	79	91
HMX 112 T6 (A6:3) (20º)	Inlet	58	65	70	77	82	83	85	80	89
HMX 112 T6 (A6:3) (22º)	Inlet	59	66	72	78	82	84	85	80	90
HMX 112 T6 (A6:3) (24º)	Inlet	60	67	73	79	83	84	86	81	90
HMX 112 T6 (A6:3) (26º)	Inlet	61	67	74	79	83	84	86	81	90
HMX 112 T6 (A6:3) (28º)	Inlet	62	67	74	79	83	84	86	81	90
HMX 112 T6 (A6:3) (30º)	Inlet	62	67	74	79	82	83	85	80	90
HMX 112 T6 (A6:3) (32º)	Inlet	62	67	75	80	82	83	85	80	90
HMX 112 T6 (A6:3) (34º)	Inlet	63	68	75	80	82	83	85	80	90
HMX 112 T6 (A6:3) (36º)	Inlet	63	68	76	81	83	84	85	80	90
HMX 112 T6 (A6:3) (38º)	Inlet	63	69	76	81	83	84	85	80	90
HMX 112 T6 (A6:3) (40º)	Inlet	63	69	75	81	84	85	85	80	90
HMX 112 T6 (A6:3) (42º)	Inlet	63	70	76	82	84	85	85	81	91
HMX 112 T6 (A6:6) (20º)	Inlet	59	71	77	87	89	87	88	83	95
HMX 112 T6 (A6:6) (22º)	Inlet	60	71	77	87	88	87	88	83	94
HMX 112 T6 (A6:6) (24º)	Inlet	61	71	77	86	87	87	88	82	94
HMX 112 T6 (A6:6) (26º)	Inlet	63	71	77	86	87	87	88	82	94
HMX 112 T6 (A6:6) (28º)	Inlet	64	72	78	85	87	88	88	82	94
HMX 112 T6 (A6:6) (30º)	Inlet	65	72	78	85	87	88	88	81	93
HMX 112 T6 (A6:6) (32º)	Inlet	65	72	77	83	85	87	87	80	92
HMX 112 T6 (A6:6) (34º)	Inlet	64	72	77	81	84	86	87	79	91
HMX 112 T6 (A6:6) (36º)	Inlet	65	72	78	81	84	86	87	80	92
HMX 112 T6 (A6:6) (38º)	Inlet	67	74	80	83	86	88	88	81	93
HMX 112 T6 (A6:6) (40º)	Inlet	69	75	81	84	88	89	89	82	94
HMX 112 T6 (A6:6) (42º)	Inlet	69	74	81	84	87	89	89	82	94
HMX 125 T6 (A7:4) (20º)	Inlet	62	76	81	88	92	92	94	91	99
HMX 125 T6 (A7:4) (22º)	Inlet	65	76	82	88	92	93	95	91	99
HMX 125 T6 (A7:4) (24º)	Inlet	65	75	81	86	90	91	93	88	97
HMX 125 T6 (A7:4) (26º)	Inlet	66	74	79	85	88	90	91	86	96
HMX 125 T6 (A7:4) (28º)	Inlet	66	73	78	83	87	88	89	84	94
HMX 125 T6 (A7:4) (30º)	Inlet	64	71	77	81	85	87	87	81	92
HMX 125 T6 (A7:4) (32º)	Inlet	64	71	76	80	84	86	87	80	91
HMX 125 T6 (A7:4) (34º)	Inlet	64	71	76	80	84	85	86	78	91
HMX 125 T6 (A7:4) (36º)	Inlet	64	71	77	81	84	86	86	79	91
HMX 125 T6 (A7:4) (38º)	Inlet	65	72	78	82	84	87	87	80	92
HMX 125 T6 (A7:4) (40º)	Inlet	66	73	78	82	84	87	87	80	92
HMX 125 T6 (A7:4) (42º)	Inlet	66	73	79	83	85	88	87	81	93
HMX 125 T6 (A7:8) (20º)	Inlet	68	76	82	90	97	100	99	94	105
HMX 125 T6 (A7:8) (22º)	Inlet	68	75	82	90	96	99	98	93	104



Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HMX 125 T6 (A7:8) (24°)	Inlet	67	75	82	88	95	98	97	91	102
HMX 125 T6 (A7:8) (26°)	Inlet	68	74	81	88	94	96	96	90	101
HMX 125 T6 (A7:8) (28°)	Inlet	68	74	81	87	92	95	95	88	100
HMX 125 T6 (A7:8) (30°)	Inlet	67	73	80	85	90	93	93	87	98
HMX 125 T6 (A7:8) (32°)	Inlet	67	73	80	85	89	92	92	85	97
HMX 125 T6 (A7:8) (34°)	Inlet	68	74	80	84	88	90	90	83	95
HMX 125 T6 (A7:8) (36°)	Inlet	68	74	80	84	88	90	89	82	95
HMX 125 T6 (A7:8) (38°)	Inlet	68	75	80	84	88	90	89	82	95
HMX 125 T6 (A7:8) (40°)	Inlet	67	74	80	84	87	90	88	81	94
HMX 125 T6 (A7:8) (42°)	Inlet	67	74	80	84	87	89	87	81	94