

## HBFX (F400+ATEX)



Axial fan 400°C/2h

### MANUFACTURING FEATURES

- Axial fan 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 and ATEX (II3G). Standard voltages 230/400V 50Hz in three phase motors up to 3kW and 400 50Hz for higher powers and 2 speed motors. IE3 efficiency motor from 0,75kW up to 45kW in single speed

### APPLICATIONS

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

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

### UNDER REQUEST

- B Form impeller (air flow from impeller to motor).
- 100% reversible impeller.

Official homologation by the European laboratory APPLUS according to EN 12101-3:2015

Certification Nr: 0370-CPR-0914

## Accessories



AC



BA-400



BAD



INT  
400



MC HB



PC2



PCP



RP0



RP1



SFC

## 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 t*	Connect. diagram
-	HBFX 45 T4 (A5:6) F400	20° - 42,5°	0,75	0,75	-	51	16,60	1
-	HBFX 50 T4 (A5:6) F400	25° - 45°	0,75	0,75	-	55	21,30	1
-	HBFX 56 T4 (A5:6) F400	20° - 45°	0,75	1,50	14.630	70	24,30	1
-	HBFX 63 T4 (A5:6) F400	20° - 45°	0,75	2,20	20.340	74	28,70	1
-	HBFX 71 T4 (A5:6) F400	20° - 45°	0,75	3	27.510	79	33,20	1
-	HBFX 80 T4 (A5:6) F400	20° - 45°	2,20	4	34.460	76	39,40	1
-	HBFX 90 T4 (A3:4) F400	20° - 42°	3	15	48.110	73	62,40	1
-	HBFX 90 T4 (A3:8) F400	20° - 42°	3	15	54.810	78	67,50	1
-	HBFX 100 T4 (A3:4) F400	20° - 42°	5,50	22	67.210	72	75,90	1
-	HBFX 100 T4 (A3:8) F400	20° - 42°	5,50	22	77.810	81	81,50	1
-	HBFX 112 T4 (A3:4) F400	20° - 42°	7,50	37	92.110	76	85,50	1
-	HBFX 112 T4 (A3:8) F400	20° - 42°	7,50	37	104.010	83	91,60	1
-	HBFX 125 T4 (A3:4) F400	20° - 42°	11	45	124.010	83	96,10	1
-	HBFX 125 T4 (A3:8) F400	20° - 42°	11	45	141.010	89	102,70	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 t*	Connect. diagram
-	HBFX 45 T6 (A5:6) F400	25° - 45°	0,75	0,75	-	42	16,60	1
-	HBFX 50 T6 (A5:6) F400	25° - 45°	0,75	0,75	-	46	21,30	1
-	HBFX 56 T6 (A5:6) F400	20° - 45°	0,75	0,75	9.760	67	24,30	1
-	HBFX 63 T6 (A5:6) F400	20° - 45°	0,75	0,75	13.560	71	28,70	1
-	HBFX 71 T6 (A5:6) F400	20° - 45°	0,75	0,75	18.340	76	33,20	1
-	HBFX 80 T6 (A5:6) F400	20° - 45°	0,75	2,20	25.190	72	39,40	1
-	HBFX 90 T6 (A3:4) F400	20° - 42°	1,50	5,50	31.210	63	62,40	1
-	HBFX 90 T6 (A3:8) F400	20° - 42°	1,50	5,50	35.510	68	67,50	1
-	HBFX 100 T6 (A3:4) F400	20° - 42°	1,50	7,50	43.610	63	75,90	1
-	HBFX 100 T6 (A3:8) F400	20° - 42°	1,50	7,50	50.410	71	81,50	1
-	HBFX 112 T6 (A3:4) F400	20° - 42°	2,20	11	59.710	66	85,50	1
-	HBFX 112 T6 (A3:8) F400	20° - 42°	2,20	11	67.610	73	91,60	1

Code	Model	Angle	Min. Rated power kW	Max. Rated power kW	Max. Airflow w m3/h	Sound db (A)**	Weigh t*	Connect. diagram
-	HBFX 125 T6 (A3:4) F400	20° - 42°	3	15	80.610	73	96,10	1
-	HBFX 125 T6 (A3:8) F400	20° - 42°	3	15	91.410	80	102,70	1

## 2 SPEED MOTOR / 4/8 poles

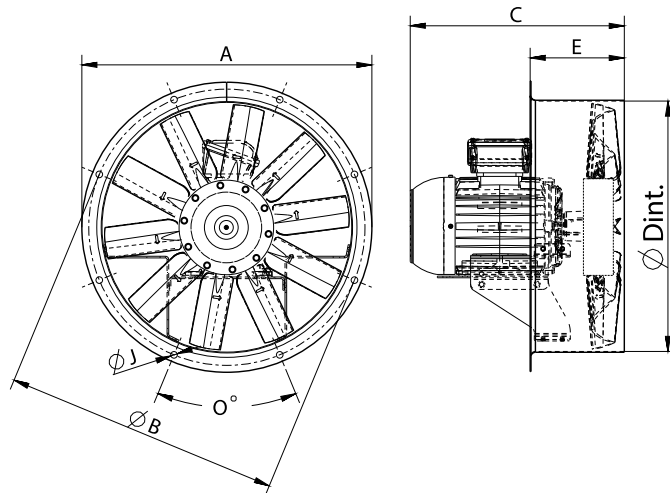
Code	Model	Angle	Min. Rated power kW	Max. Rated power kW	Max. Airflow w m3/h	Sound db (A)**	Weigh t*	Connect. diagram
-	HBFX 45 T4/T8 (A5:6) F400	20° - 42,5°	0,75	0,75	-	51	16,60	1
-	HBFX 50 T4/T8 (A5:6) F400	25° - 45°	0,75	0,75	-	55	21,30	1
-	HBFX 56 T4/T8 (A5:6) F400	20° - 45°	0,75	1,50	14.630	70	24,30	2
-	HBFX 63 T4/T8 (A5:6) F400	20° - 45°	0,75	2,20	20.340	74	28,70	2
-	HBFX 71 T4/T8 (A5:6) F400	20° - 45°	0,75	3	27.510	79	33,20	2
-	HBFX 80 T4/T8 (A5:6) F400	20° - 45°	2,20	4	34.460	76	39,40	2
-	HBFX 90 T4/T8 (A3:4) F400	20° - 42°	3	10	48.110	73	62,40	2
-	HBFX 90 T4/T8 (A3:8) F400	20° - 42°	5,50	16,50	54.810	78	67,50	2
-	HBFX 100 T4/T8 (A3:4) F400	20° - 42°	5,50	16,50	67.210	72	75,90	2
-	HBFX 100 T4/T8 (A3:8) F400	20° - 42°	10	20	77.810	81	81,50	2
-	HBFX 112 T4/T8 (A3:4) F400	20° - 42°	7,50	20	92.110	76	85,50	2
-	HBFX 112 T4/T8 (A3:8) F400	20° - 42°	14	35	104.010	83	91,60	2
-	HBFX 125 T4/T8 (A3:4) F400	20° - 42°	10	35	124.010	83	96,10	2
-	HBFX 125 T4/T8 (A3:8) F400	20° - 42°	16,50	40	141.010	89	102,70	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)
HBFX 45 T4 (A5:6) F400	328	328	347	387	362	418	-	-	-
HBFX 45 T6 (A5:6) F400	328	328	347	387	362	418	-	-	-
HBFX 45 T4/T8 (A5:6) F400	328	328	347	387	362	418	-	-	-
HBFX 50 T4 (A5:6) F400	-	338	350	387	362	421	-	-	-
HBFX 50 T6 (A5:6) F400	-	338	350	387	362	421	-	-	-
HBFX 50 T4/T8 (A5:6) F400	-	338	350	387	362	421	-	-	-
HBFX 56 T4 (A5:6) F400	-	338	352	387	362	423	-	-	-
HBFX 56 T6 (A5:6) F400	-	338	352	387	362	423	-	-	-
HBFX 56 T4/T8 (A5:6) F400	-	338	352	387	362	423	-	-	-
HBFX 63 T4 (A5:6) F400	-	-	352	411	386	442	-	463	-
HBFX 63 T6 (A5:6) F400	-	-	352	411	386	442	-	463	-
HBFX 63 T4/T8 (A5:6) F400	-	-	352	411	386	442	-	463	-
HBFX 71 T4 (A5:6) F400	-	-	357	416	391	447	-	468	-
HBFX 71 T6 (A5:6) F400	-	-	357	416	391	447	-	468	-
HBFX 71 T4/T8 (A5:6) F400	-	-	357	416	391	447	-	468	-
HBFX 80 T4 (A5:6) F400	-	-	-	427	427	463	-	469	-
HBFX 80 T6 (A5:6) F400	-	-	-	427	427	463	-	469	-
HBFX 80 T4/T8 (A5:6) F400	-	-	-	427	427	463	-	469	-
HBFX 90 T4 (A3:4) F400	-	-	-	-	-	658	658	-	658
HBFX 90 T4 (A3:8) F400	-	-	-	-	-	658	658	-	658
HBFX 90 T6 (A3:4) F400	-	-	-	-	-	658	658	-	658
HBFX 90 T6 (A3:8) F400	-	-	-	-	-	658	658	-	658
HBFX 90 T4/T8 (A3:4) F400	-	-	-	-	-	658	658	-	658
HBFX 90 T4/T8 (A3:8) F400	-	-	-	-	-	658	658	-	658

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)
HBFX 100 T4 (A3:4) F400	-	-	-	-	-	-	-	-	653
HBFX 100 T4 (A3:8) F400	-	-	-	-	-	-	-	-	653
HBFX 100 T6 (A3:4) F400	-	-	-	-	-	-	-	-	653
HBFX 100 T6 (A3:8) F400	-	-	-	-	-	-	-	-	653
HBFX 100 T4/T8 (A3:4) F400	-	-	-	-	-	-	-	-	653
HBFX 100 T4/T8 (A3:8) F400	-	-	-	-	-	-	-	-	653
HBFX 112 T4 (A3:4) F400	-	-	-	-	-	-	-	-	760
HBFX 112 T4 (A3:8) F400	-	-	-	-	-	-	-	-	760
HBFX 112 T6 (A3:4) F400	-	-	-	-	-	-	-	-	760
HBFX 112 T6 (A3:8) F400	-	-	-	-	-	-	-	-	760
HBFX 112 T4/T8 (A3:4) F400	-	-	-	-	-	-	-	-	760
HBFX 112 T4/T8 (A3:8) F400	-	-	-	-	-	-	-	-	760
HBFX 125 T4 (A3:4) F400	-	-	-	-	-	-	-	-	759
HBFX 125 T4 (A3:8) F400	-	-	-	-	-	-	-	-	759
HBFX 125 T6 (A3:4) F400	-	-	-	-	-	-	-	-	759
HBFX 125 T6 (A3:8) F400	-	-	-	-	-	-	-	-	759
HBFX 125 T4/T8 (A3:4) F400	-	-	-	-	-	-	-	-	759
HBFX 125 T4/T8 (A3:8) F400	-	-	-	-	-	-	-	-	759

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
HBFX 45 T4 (A5:6) F400	-	-	-	-	-	-	-	-	165
HBFX 45 T6 (A5:6) F400	-	-	-	-	-	-	-	-	165
HBFX 45 T4/T8 (A5:6) F400	-	-	-	-	-	-	-	-	165
HBFX 50 T4 (A5:6) F400	-	-	-	-	-	-	-	-	165
HBFX 50 T6 (A5:6) F400	-	-	-	-	-	-	-	-	165
HBFX 50 T4/T8 (A5:6) F400	-	-	-	-	-	-	-	-	165
HBFX 56 T4 (A5:6) F400	-	-	-	-	-	-	-	-	175
HBFX 56 T6 (A5:6) F400	-	-	-	-	-	-	-	-	175
HBFX 56 T4/T8 (A5:6) F400	-	-	-	-	-	-	-	-	175
HBFX 63 T4 (A5:6) F400	-	-	-	-	-	-	-	-	185
HBFX 63 T6 (A5:6) F400	-	-	-	-	-	-	-	-	185
HBFX 63 T4/T8 (A5:6) F400	-	-	-	-	-	-	-	-	185
HBFX 71 T4 (A5:6) F400	-	-	-	-	-	-	-	-	190
HBFX 71 T6 (A5:6) F400	-	-	-	-	-	-	-	-	190
HBFX 71 T4/T8 (A5:6) F400	-	-	-	-	-	-	-	-	190
HBFX 80 T4 (A5:6) F400	563	525	-	-	-	-	-	-	220
HBFX 80 T6 (A5:6) F400	563	525	-	-	-	-	-	-	220
HBFX 80 T4/T8 (A5:6) F400	563	525	-	-	-	-	-	-	220
HBFX 90 T4 (A3:4) F400	-	-	742	721	787	778	-	-	340

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
HBFX 90 T4 (A3:8) F400	-	-	742	721	787	778	-	-	340
HBFX 90 T6 (A3:4) F400	-	-	742	721	787	778	-	-	340
HBFX 90 T6 (A3:8) F400	-	-	742	721	787	778	-	-	340
HBFX 90 T4/T8 (A3:4) F400	-	-	742	721	787	778	-	-	340
HBFX 90 T4/T8 (A3:8) F400	-	-	742	721	787	778	-	-	340
HBFX 100 T4 (A3:4) F400	-	-	738	716	792	776	-	-	340
HBFX 100 T4 (A3:8) F400	-	-	738	716	792	776	-	-	340
HBFX 100 T6 (A3:4) F400	-	-	738	716	792	776	-	-	340
HBFX 100 T6 (A3:8) F400	-	-	738	716	792	776	-	-	340
HBFX 100 T4/T8 (A3:4) F400	-	-	738	716	792	776	-	-	340
HBFX 100 T4/T8 (A3:8) F400	-	-	738	716	792	776	-	-	340
HBFX 112 T4 (A3:4) F400	-	-	760	760	780	761	864	949	340
HBFX 112 T4 (A3:8) F400	-	-	760	760	780	761	864	949	340
HBFX 112 T6 (A3:4) F400	-	-	760	760	780	761	864	949	340
HBFX 112 T6 (A3:8) F400	-	-	760	760	780	761	864	949	340
HBFX 112 T4/T8 (A3:4) F400	-	-	760	760	780	761	864	949	340
HBFX 112 T4/T8 (A3:8) F400	-	-	760	760	780	761	864	949	340
HBFX 125 T4 (A3:4) F400	-	-	759	759	779	760	863	948	340
HBFX 125 T4 (A3:8) F400	-	-	759	759	779	760	863	948	340
HBFX 125 T6 (A3:4) F400	-	-	759	759	779	760	863	948	340
HBFX 125 T6 (A3:8) F400	-	-	759	759	779	760	863	948	340
HBFX 125 T4/T8 (A3:4) F400	-	-	759	759	779	760	863	948	340
HBFX 125 T4/T8 (A3:8) F400	-	-	759	759	779	760	863	948	340

Model	O	ØA	ØB	ØD	ØJ
HBFX 45 T4 (A5:6) F400	8X45º	525	500	452	12
HBFX 45 T6 (A5:6) F400	8X45º	525	500	452	12
HBFX 45 T4/T8 (A5:6) F400	8X45º	525	500	452	12
HBFX 50 T4 (A5:6) F400	12x30º	600	560	504	12
HBFX 50 T6 (A5:6) F400	12x30º	600	560	504	12
HBFX 50 T4/T8 (A5:6) F400	12x30º	600	560	504	12
HBFX 56 T4 (A5:6) F400	12X30º	646	620	559	12
HBFX 56 T6 (A5:6) F400	12X30º	646	620	559	12
HBFX 56 T4/T8 (A5:6) F400	12X30º	646	620	559	12
HBFX 63 T4 (A5:6) F400	12X30º	725	690	633	12
HBFX 63 T6 (A5:6) F400	12X30º	725	690	633	12
HBFX 63 T4/T8 (A5:6) F400	12X30º	725	690	633	12
HBFX 71 T4 (A5:6) F400	16x22,5º	802	770	715	12
HBFX 71 T6 (A5:6) F400	16x22,5º	802	770	715	12
HBFX 71 T4/T8 (A5:6) F400	16x22,5º	802	770	715	12

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

# Wiring diagram

DIAGRAM Nº 1

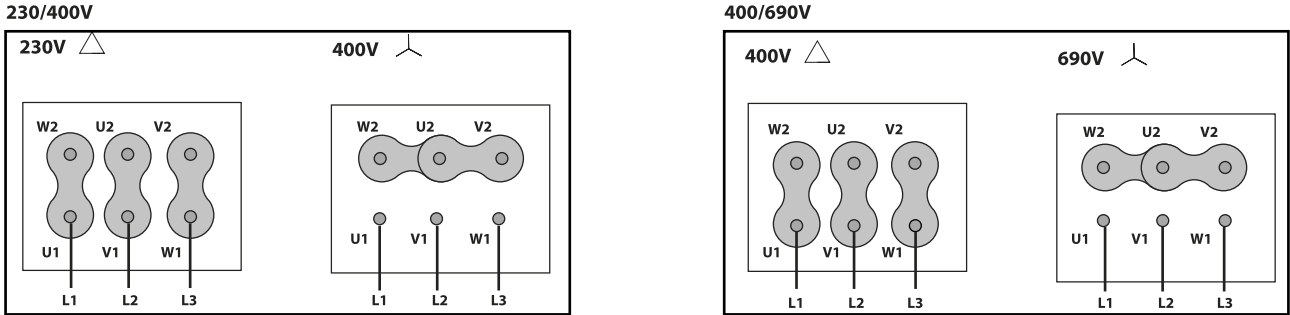
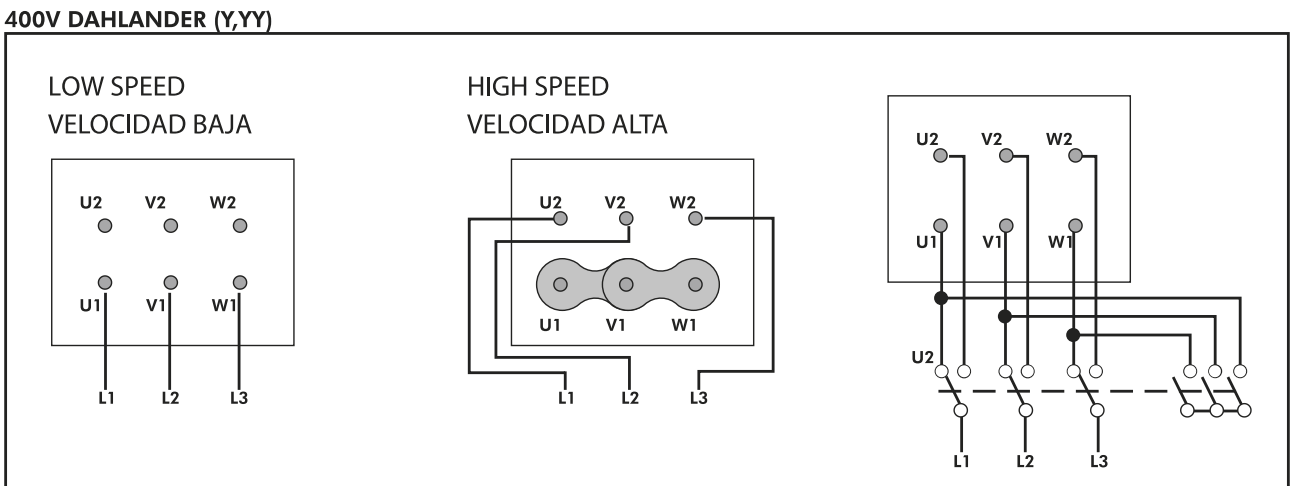


DIAGRAM Nº 2

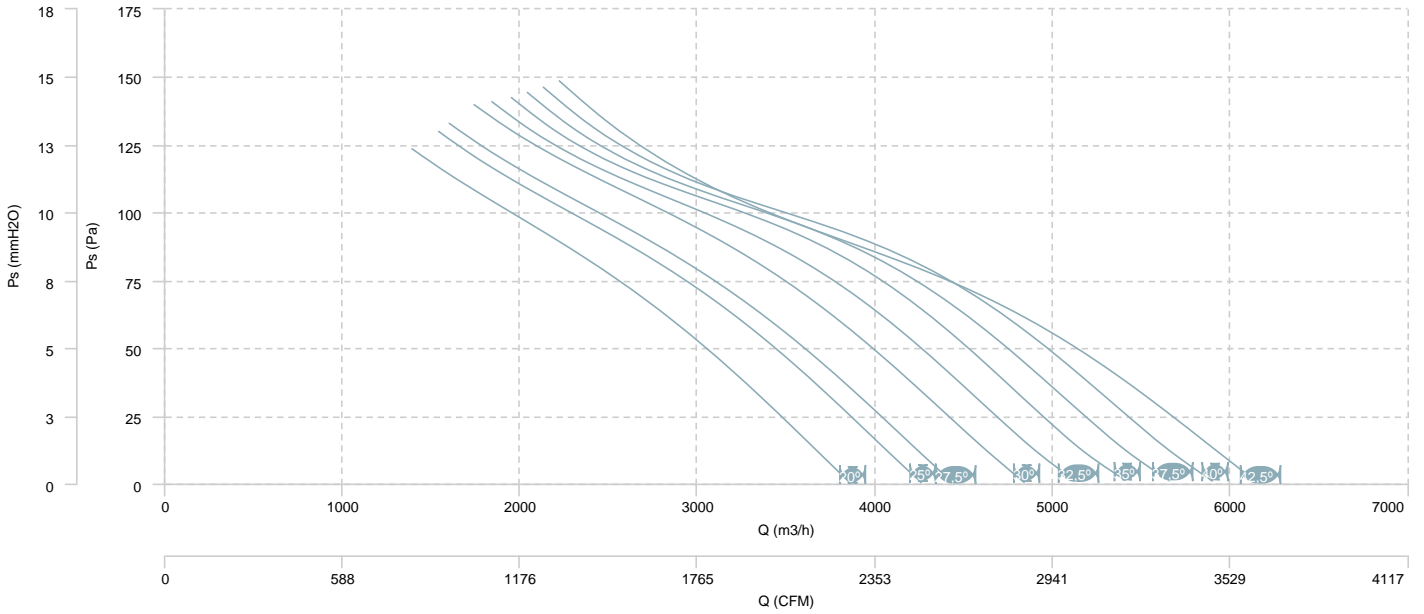




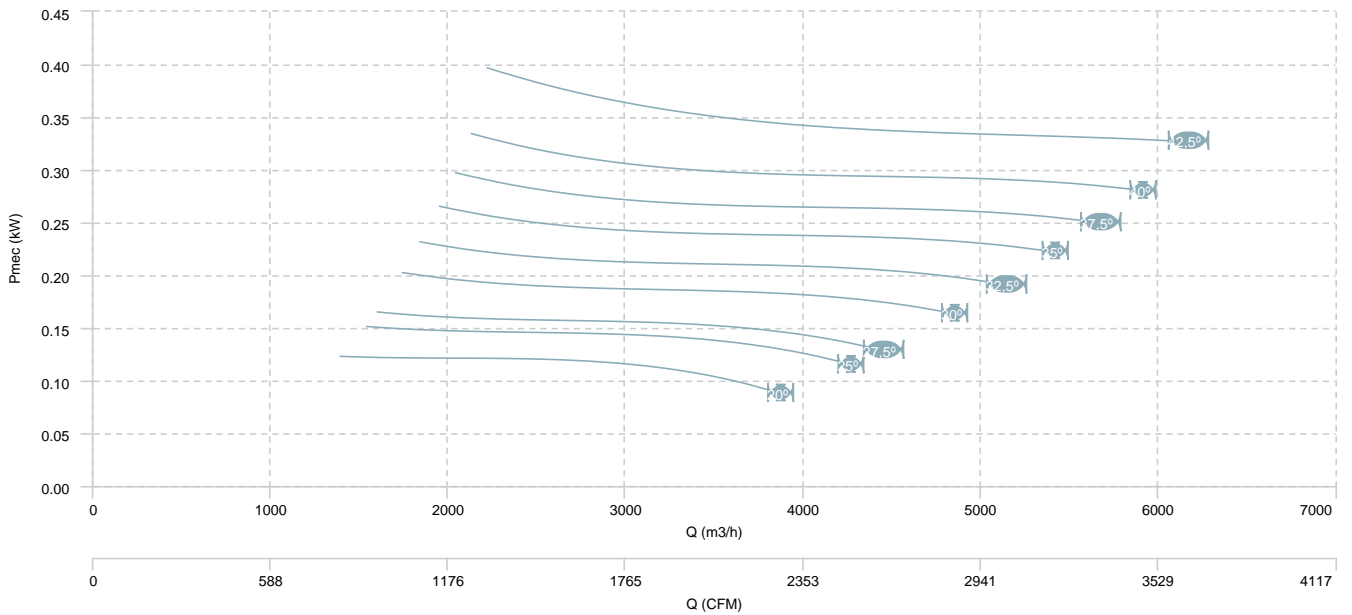
# CHARACTERISTIC CURVE

HBFX 45 T4 (A5:6) F400

## AIR FLOW - PRESSURE

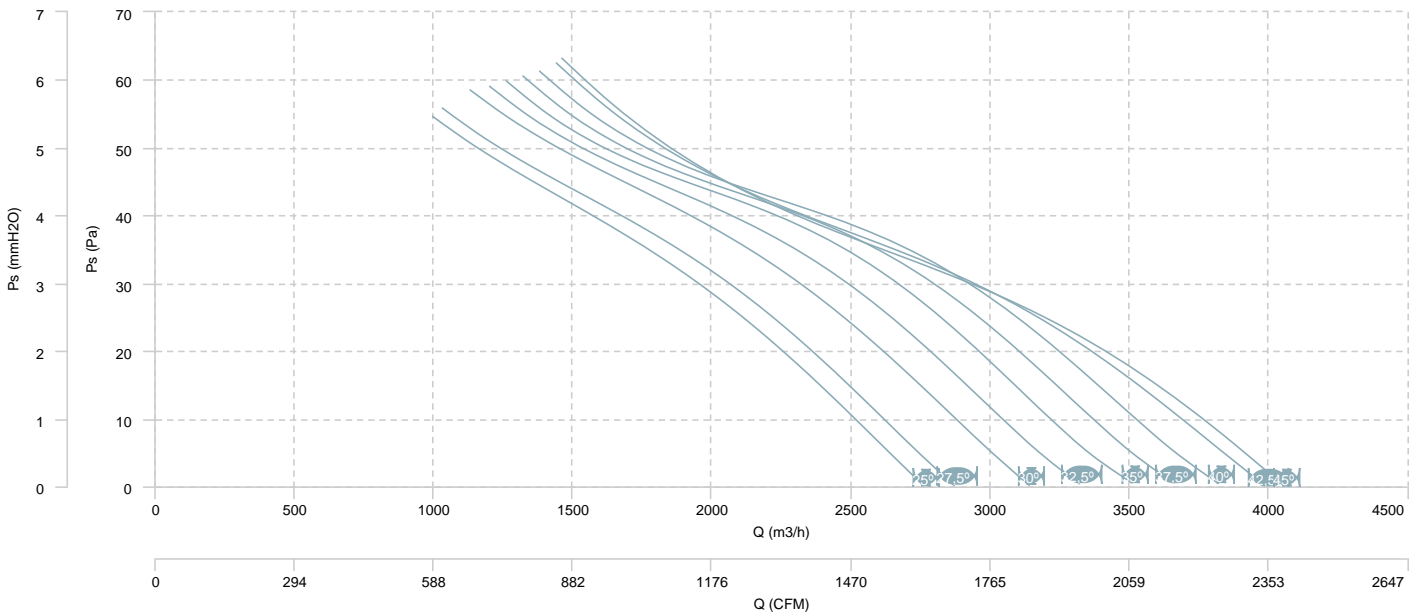


## AIR FLOW - MECHANICAL POWER

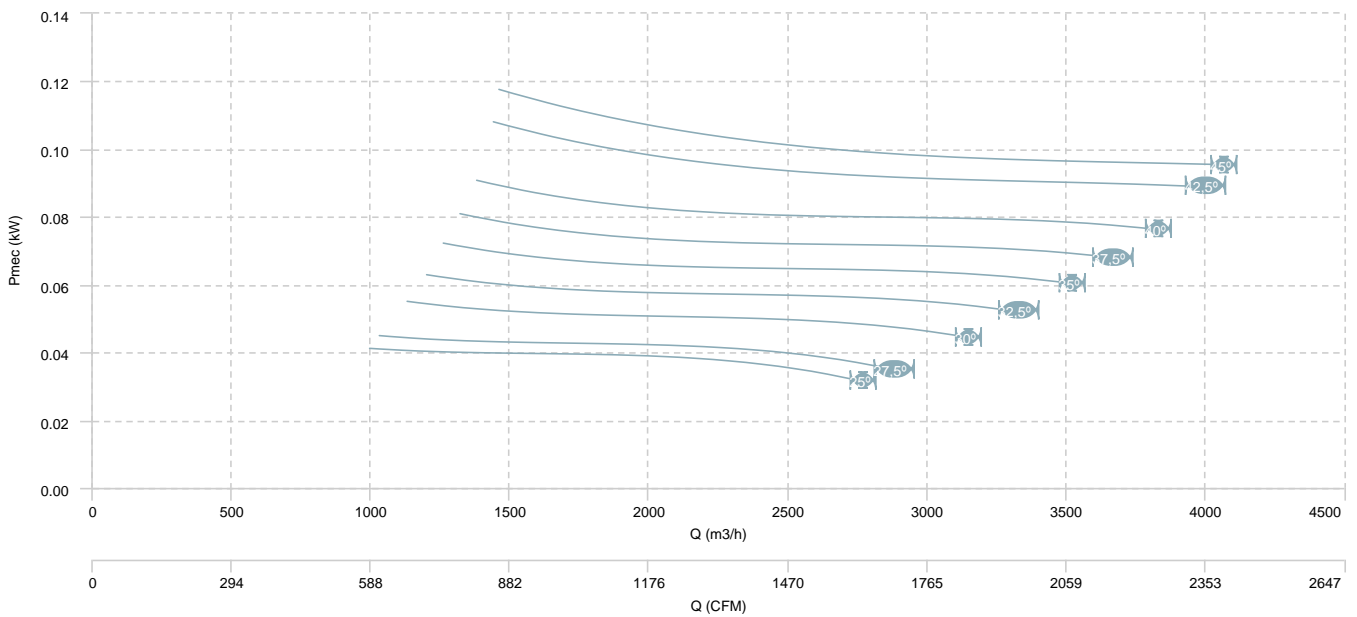


HBFX 45 T6 (A5:6) F400

AIR FLOW - PRESSURE



AIR FLOW - MECHANICAL POWER



HBFX 45 T4/T8 (A5:6) F400

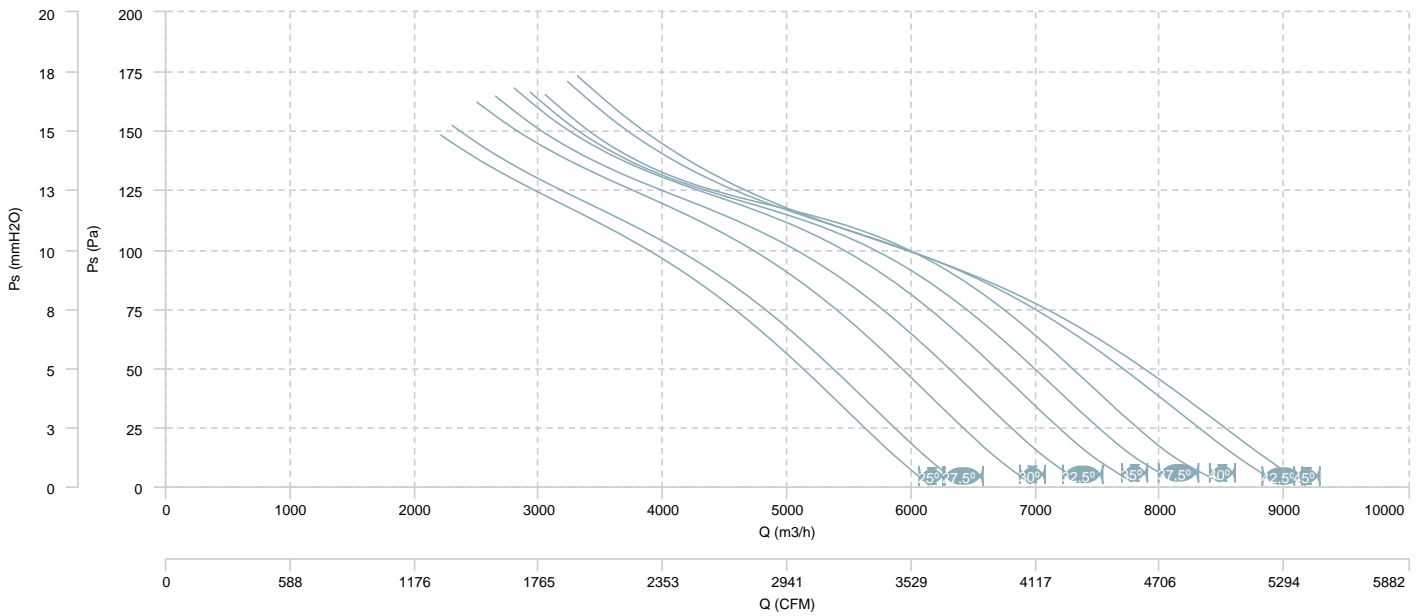
**AIR FLOW - PRESSURE (4 poles)**

HBFX 45 T4/T8 (A5:6) F400

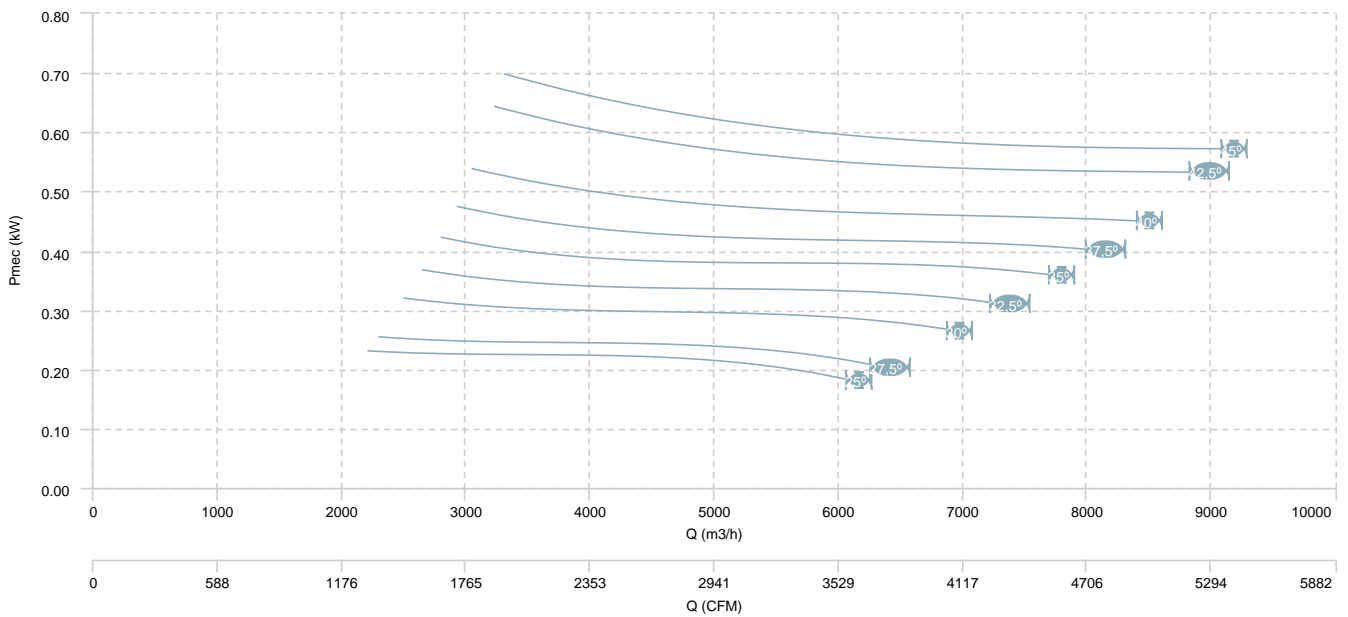
**AIR FLOW - PRESSURE (8 poles)**

HBFX 50 T4 (A5:6) F400

**AIR FLOW - PRESSURE**

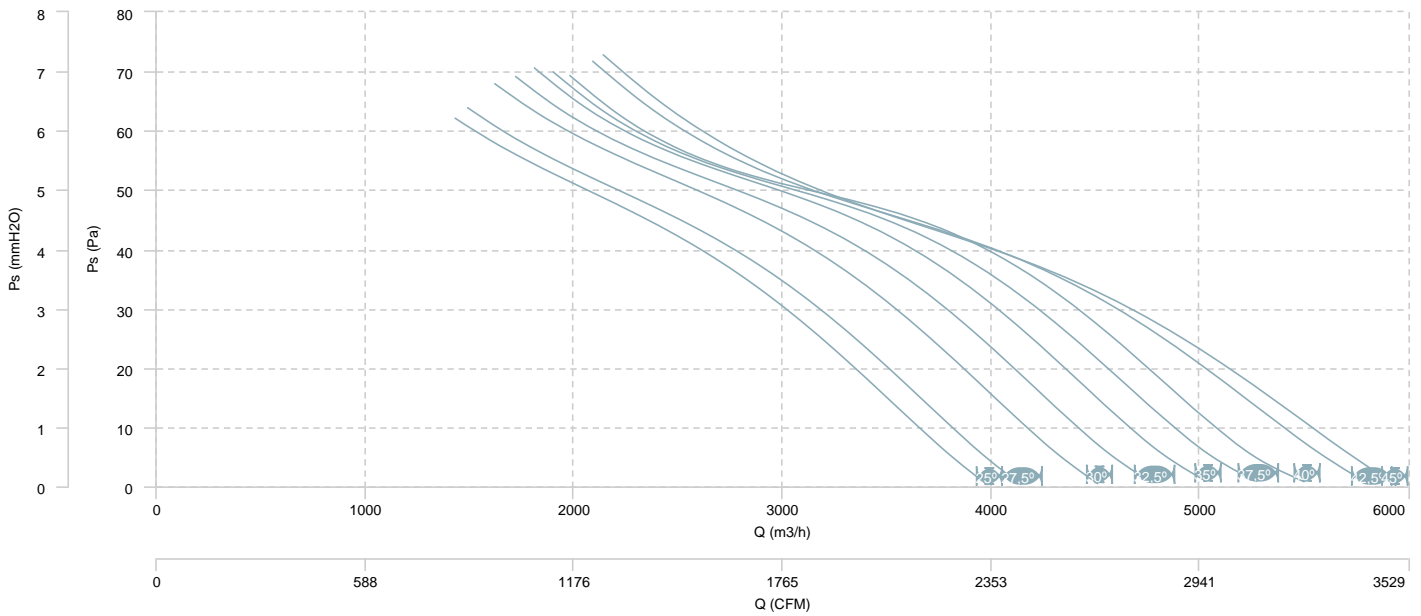


**AIR FLOW - MECHANICAL POWER**

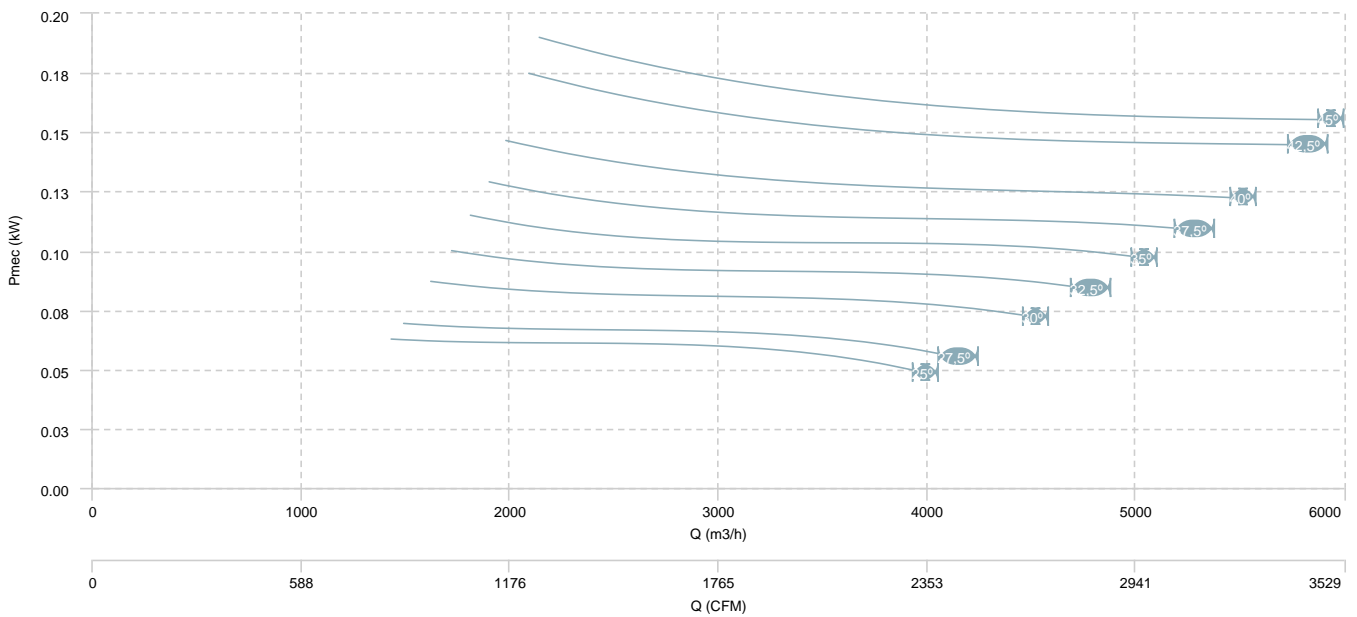


HBFX 50 T6 (A5:6) F400

AIR FLOW - PRESSURE



AIR FLOW - MECHANICAL POWER



HBFX 50 T4/T8 (A5:6) F400

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

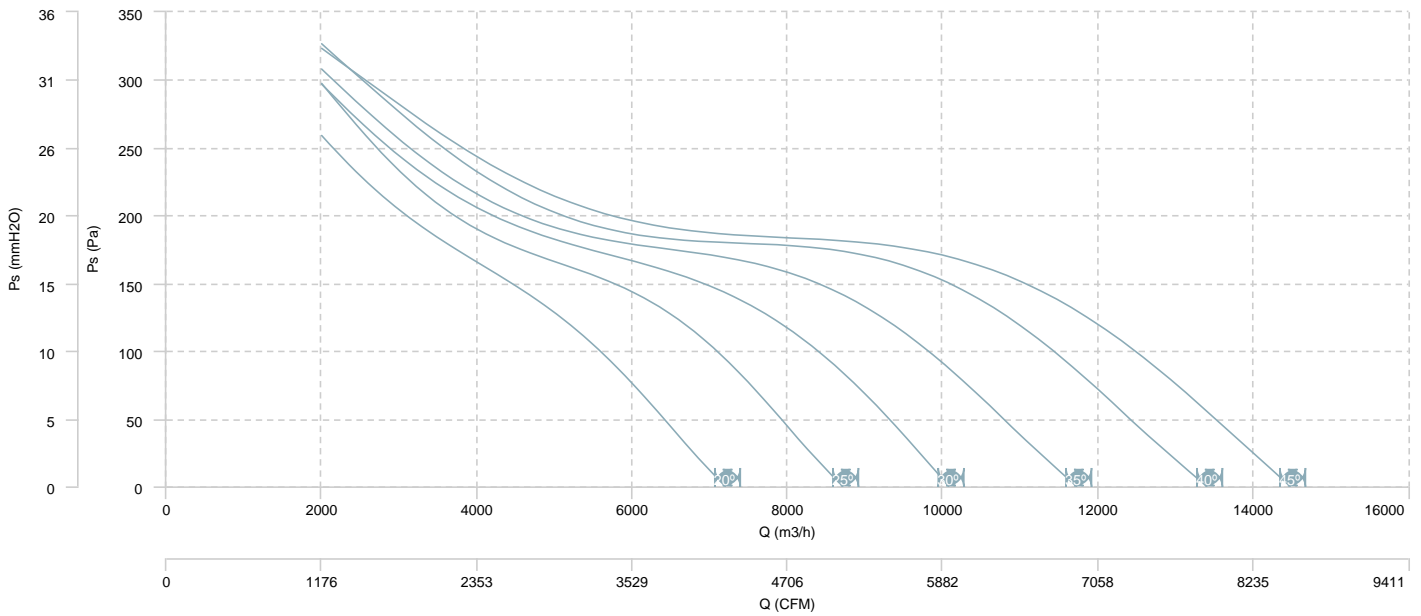
HBFX 50 T4/T8 (A5:6) F400

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

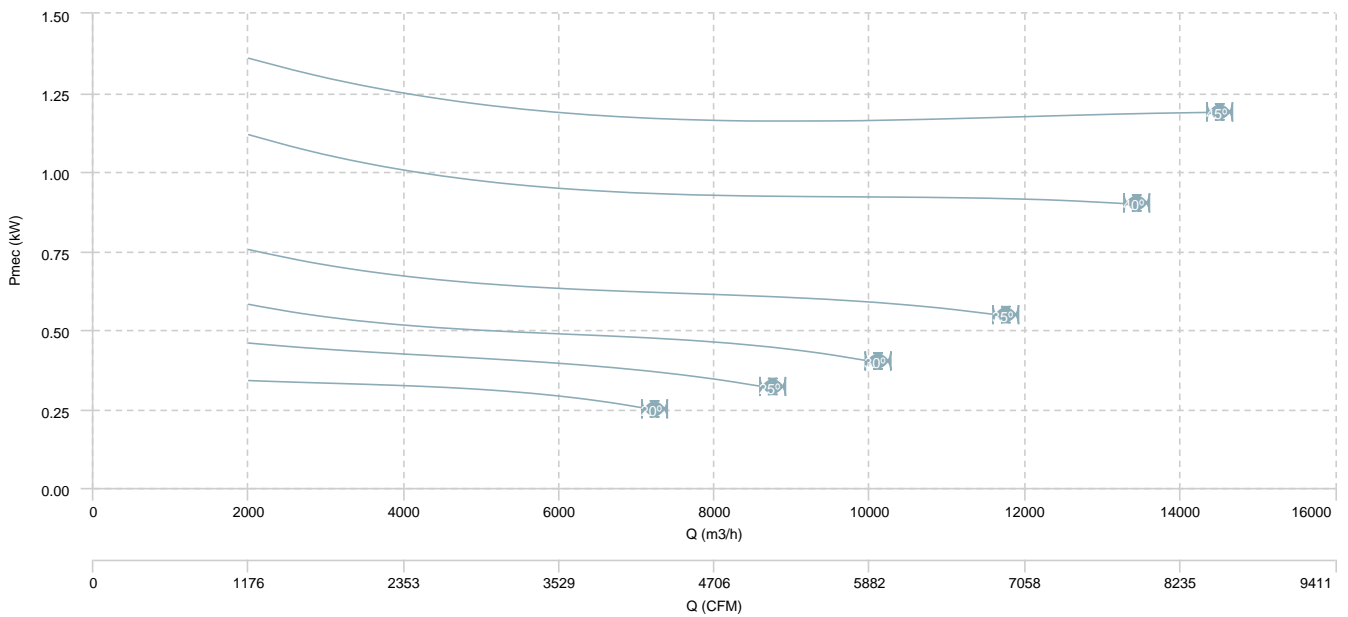


HBFX 56 T4 (A5:6) F400

AIR FLOW - PRESSURE

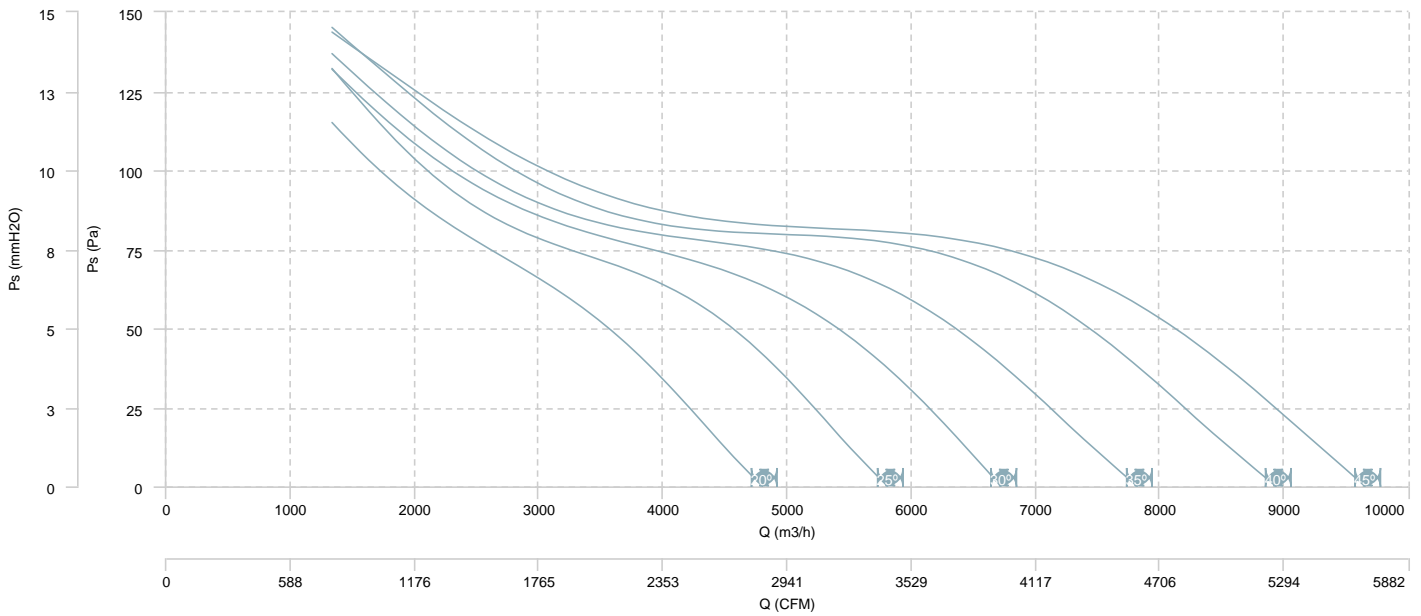


AIR FLOW - MECHANICAL POWER

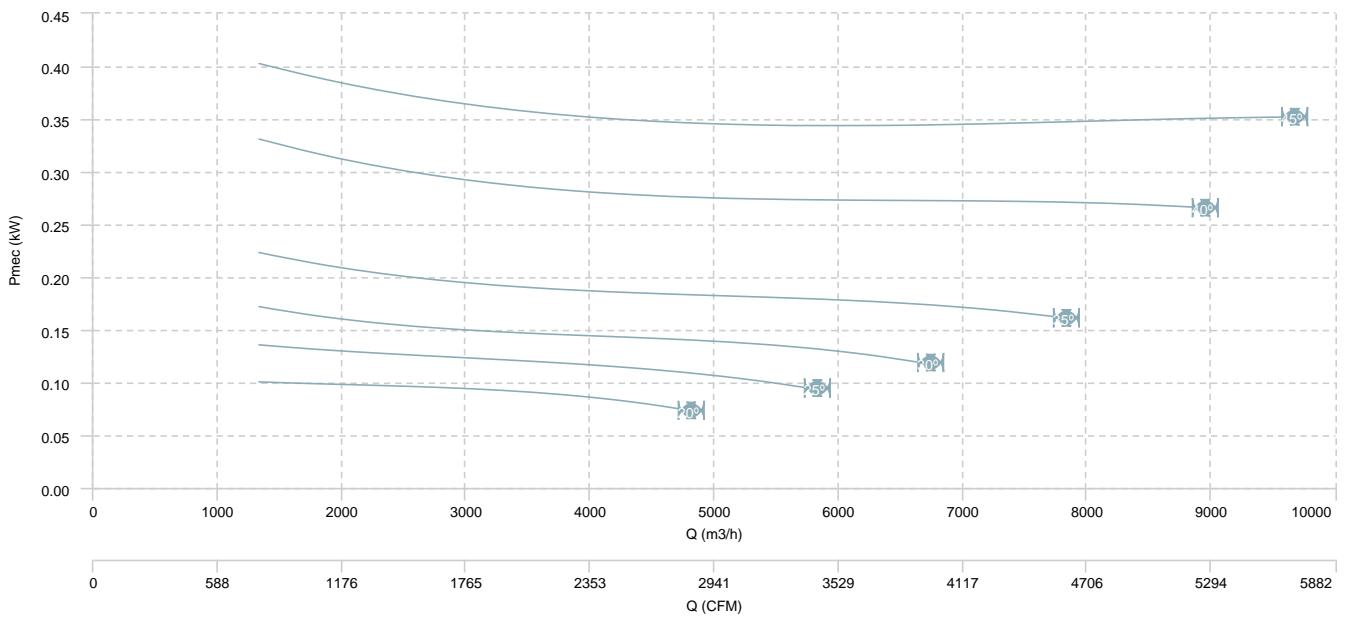


HBFX 56 T6 (A5:6) F400

**AIR FLOW - PRESSURE**

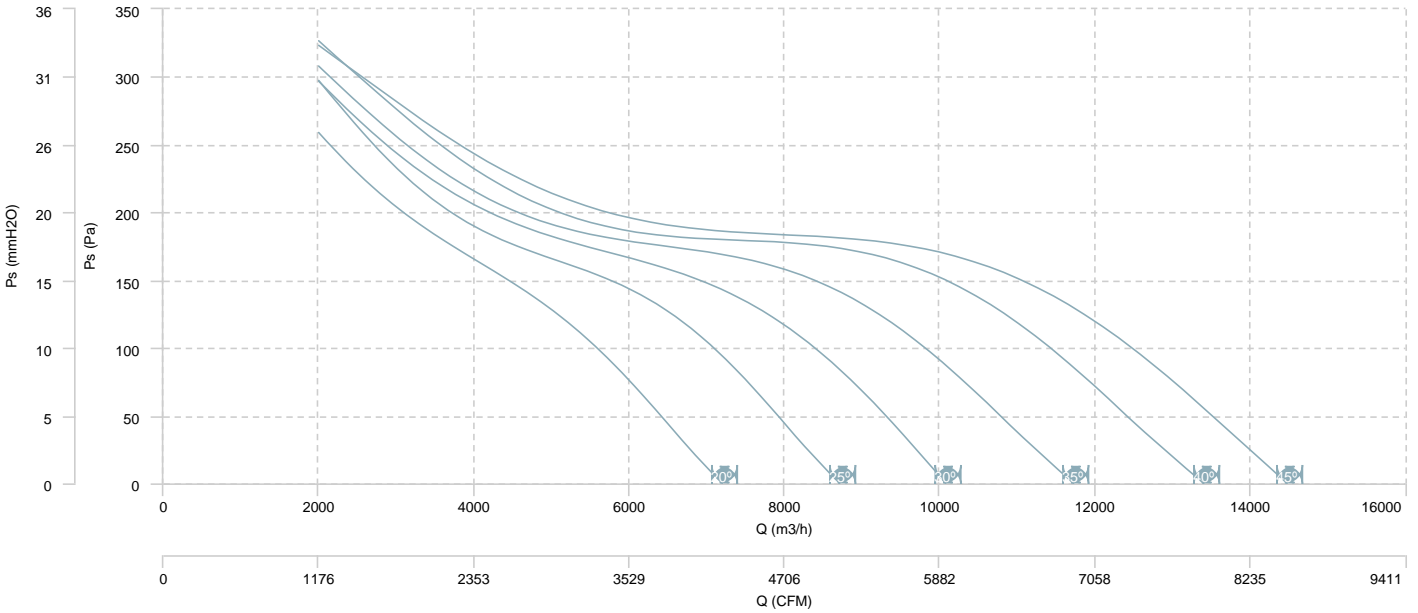


**AIR FLOW - MECHANICAL POWER**

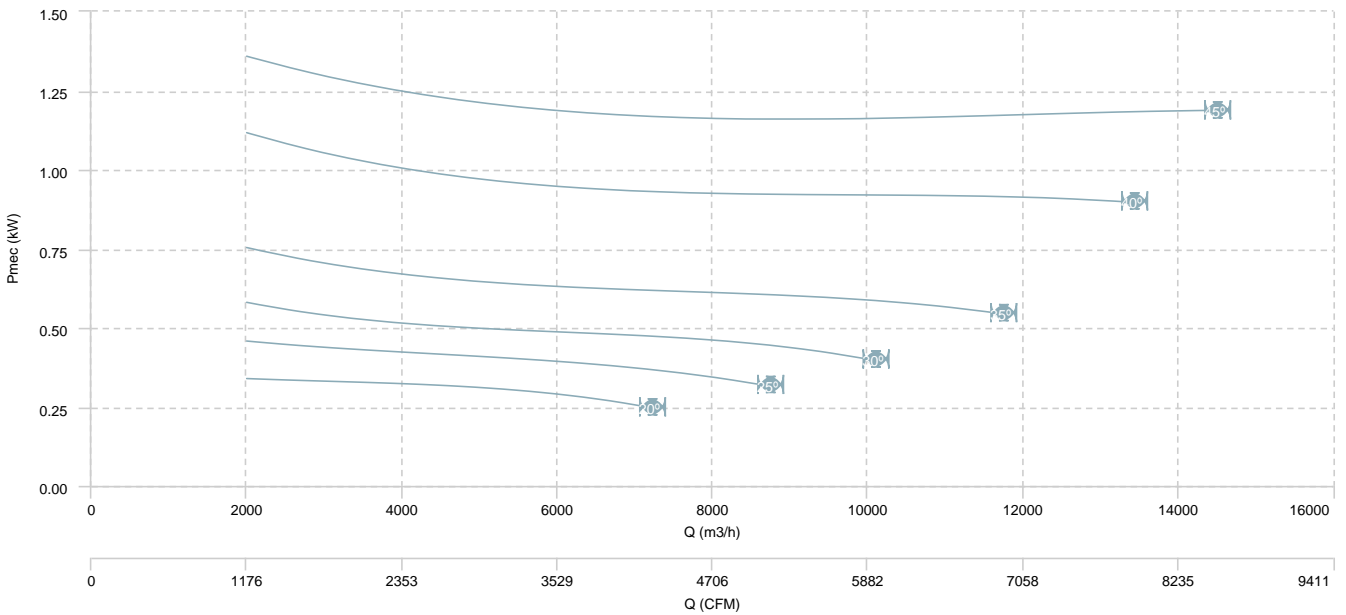


HBFX 56 T4/T8 (A5:6) F400

AIR FLOW - PRESSURE (4 poles)

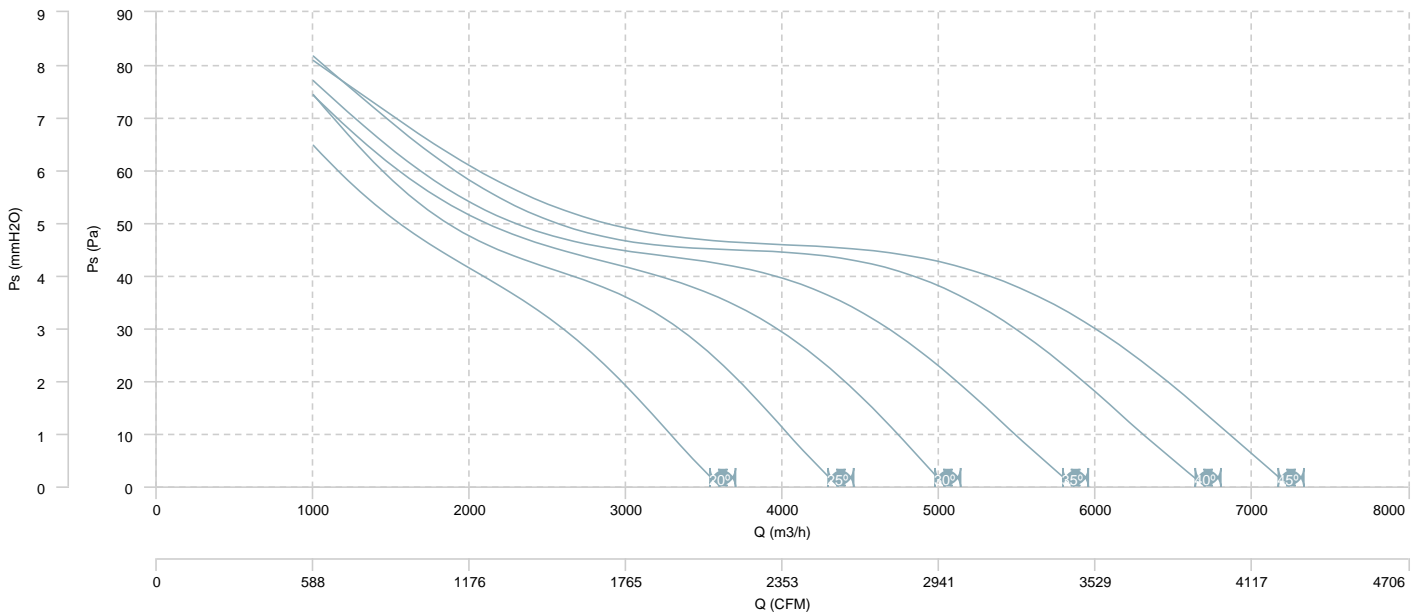


AIR FLOW - MECHANICAL POWER (4 poles)

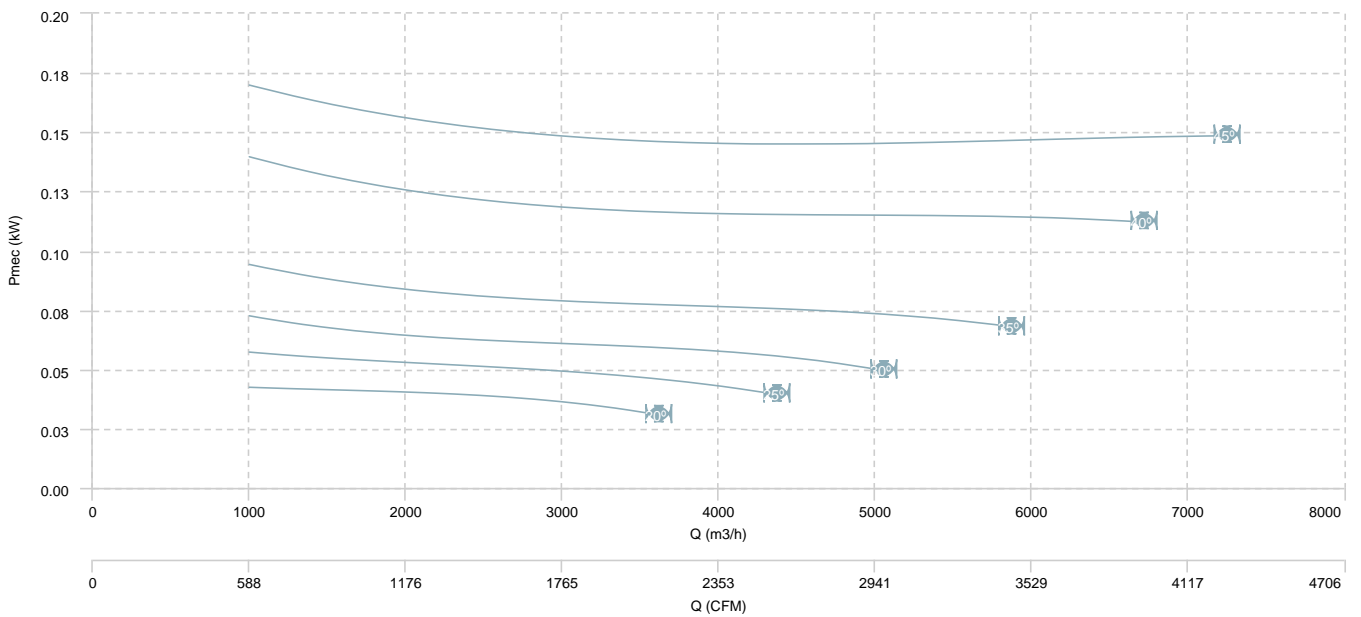


HBFX 56 T4/T8 (A5:6) F400

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

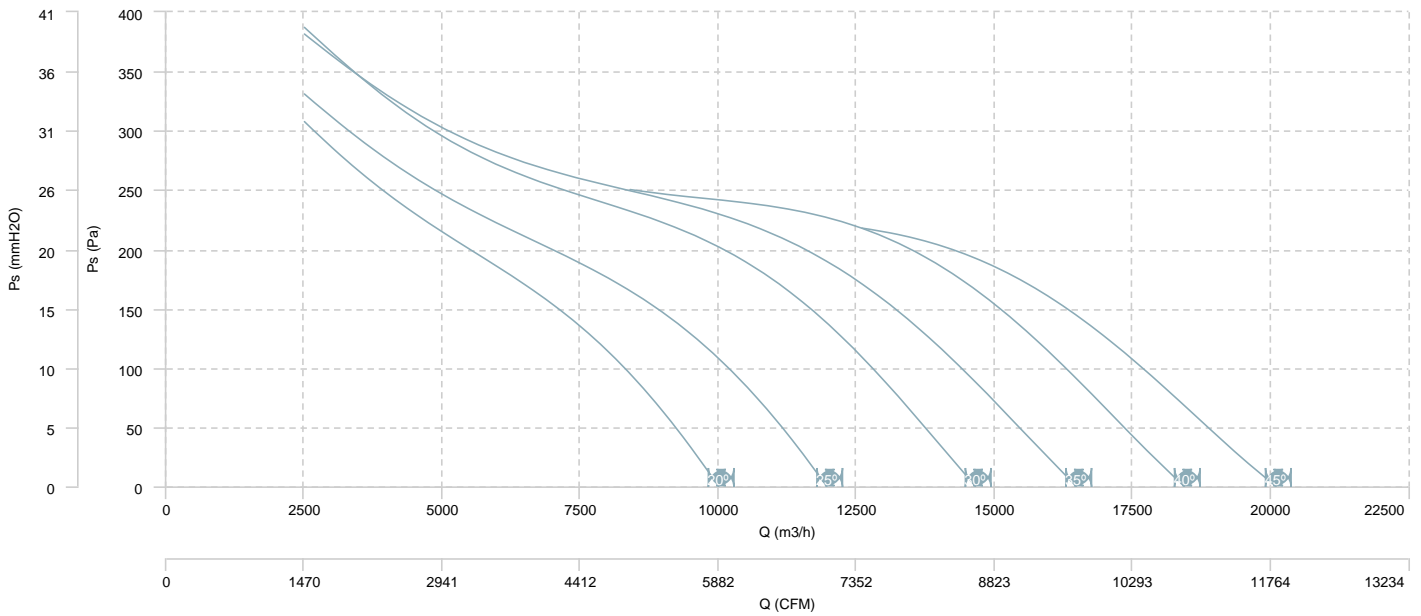


**AIR FLOW - MECHANICAL POWER (8 poles)**

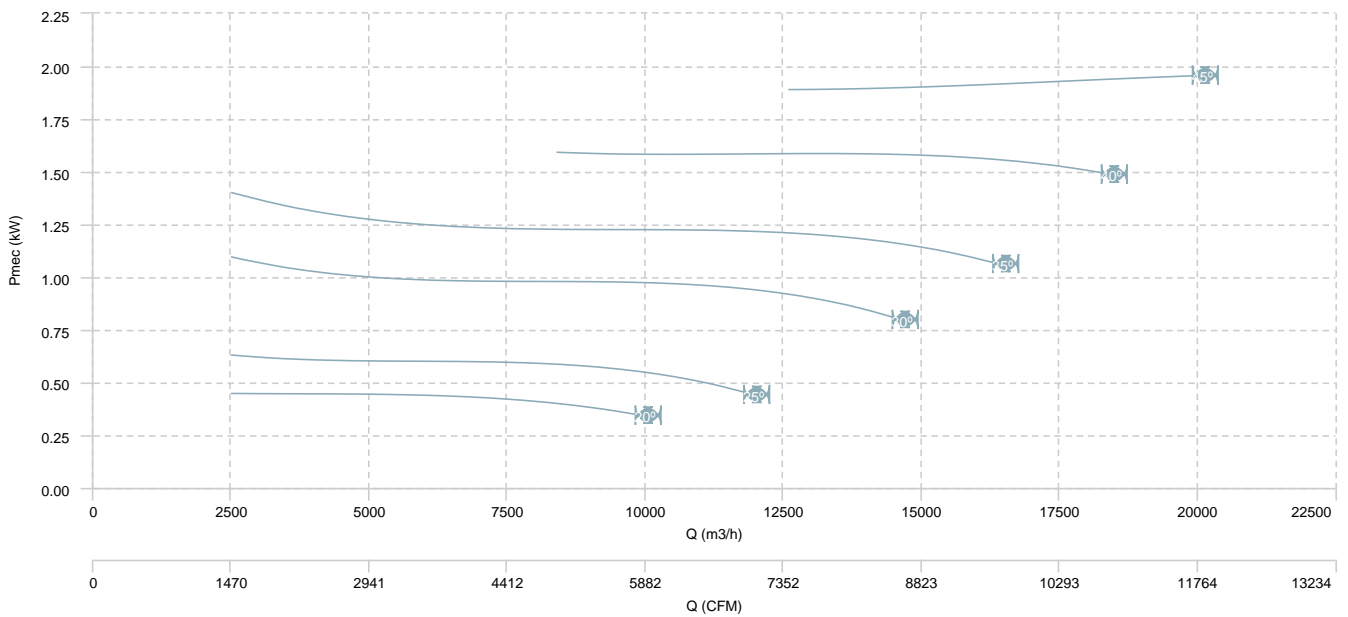


HBFX 63 T4 (A5:6) F400

**AIR FLOW - PRESSURE**

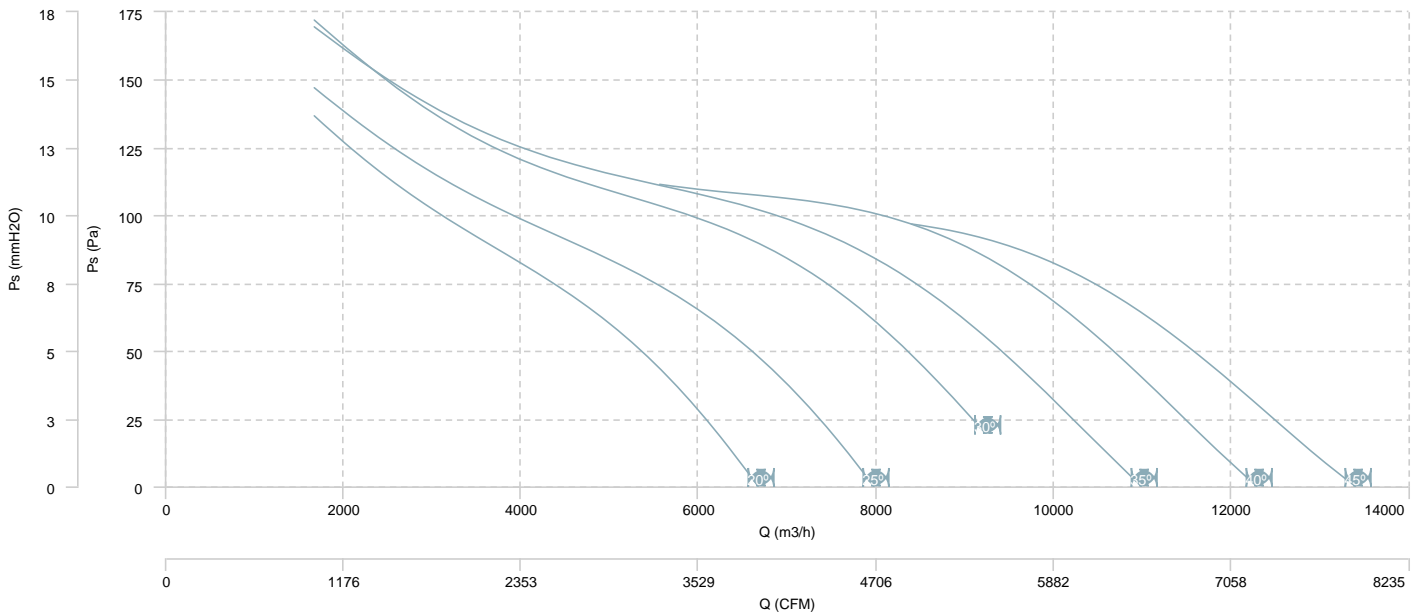


**AIR FLOW - MECHANICAL POWER**

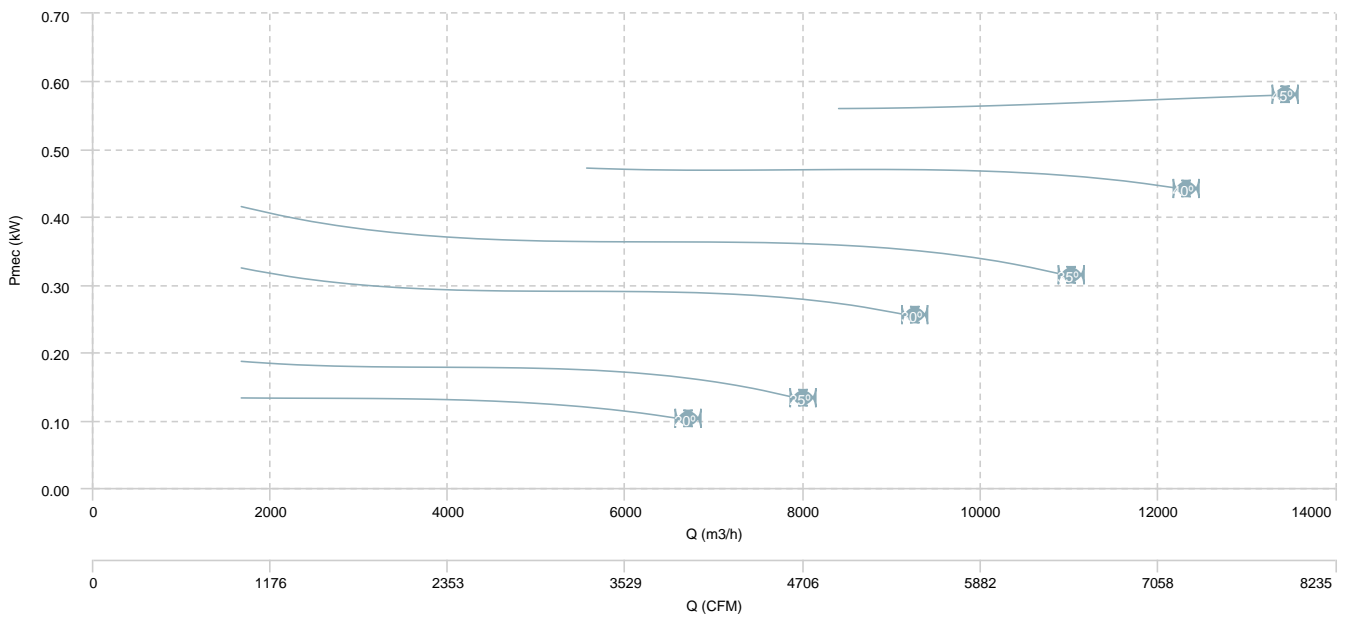


HBFX 63 T6 (A5:6) F400

AIR FLOW - PRESSURE

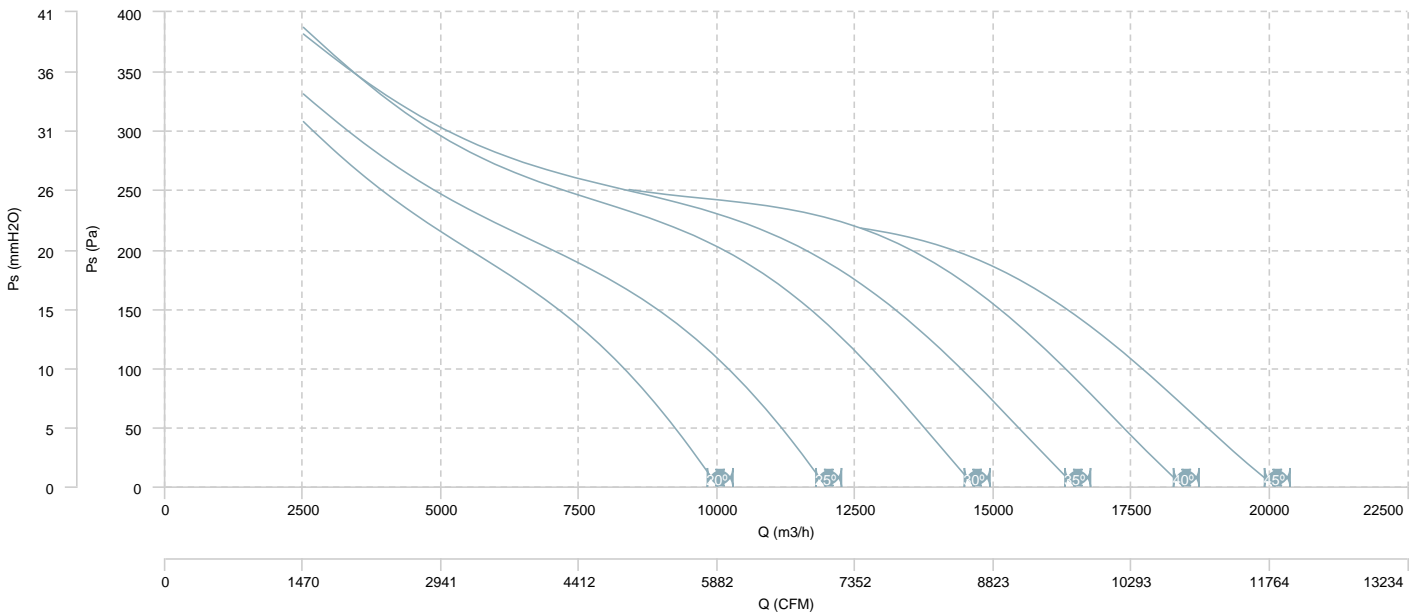


AIR FLOW - MECHANICAL POWER

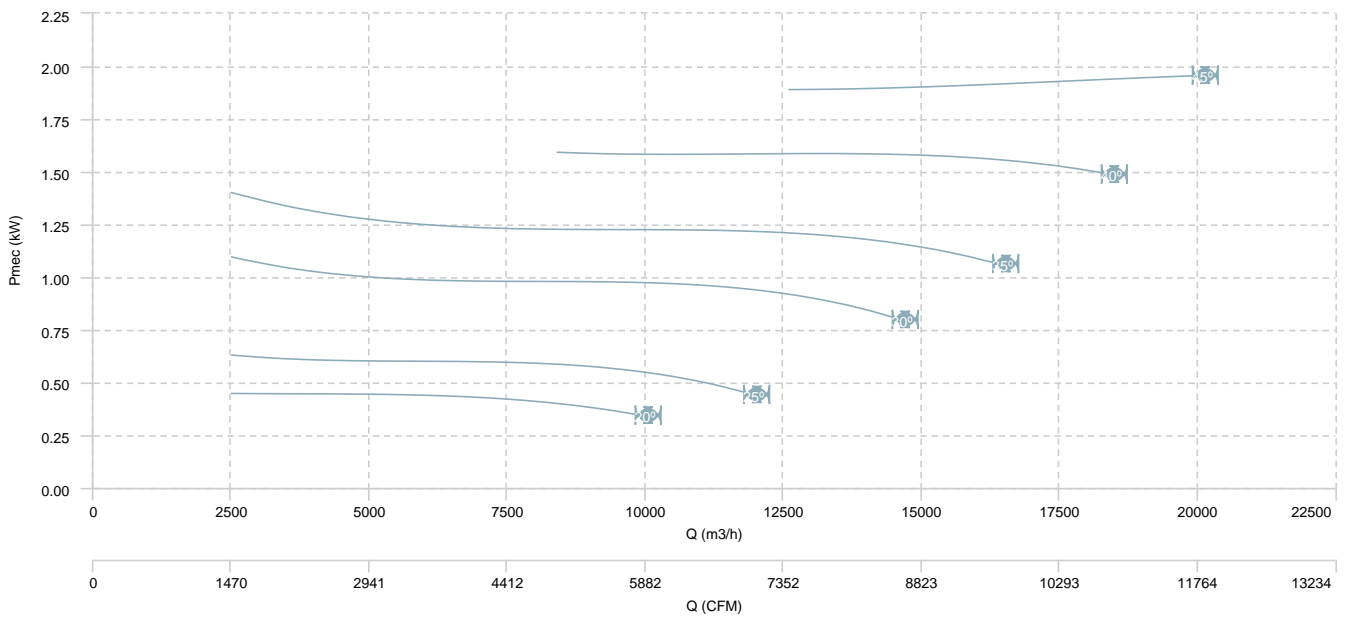


HBFX 63 T4/T8 (A5:6) F400

AIR FLOW - PRESSURE (4 poles)

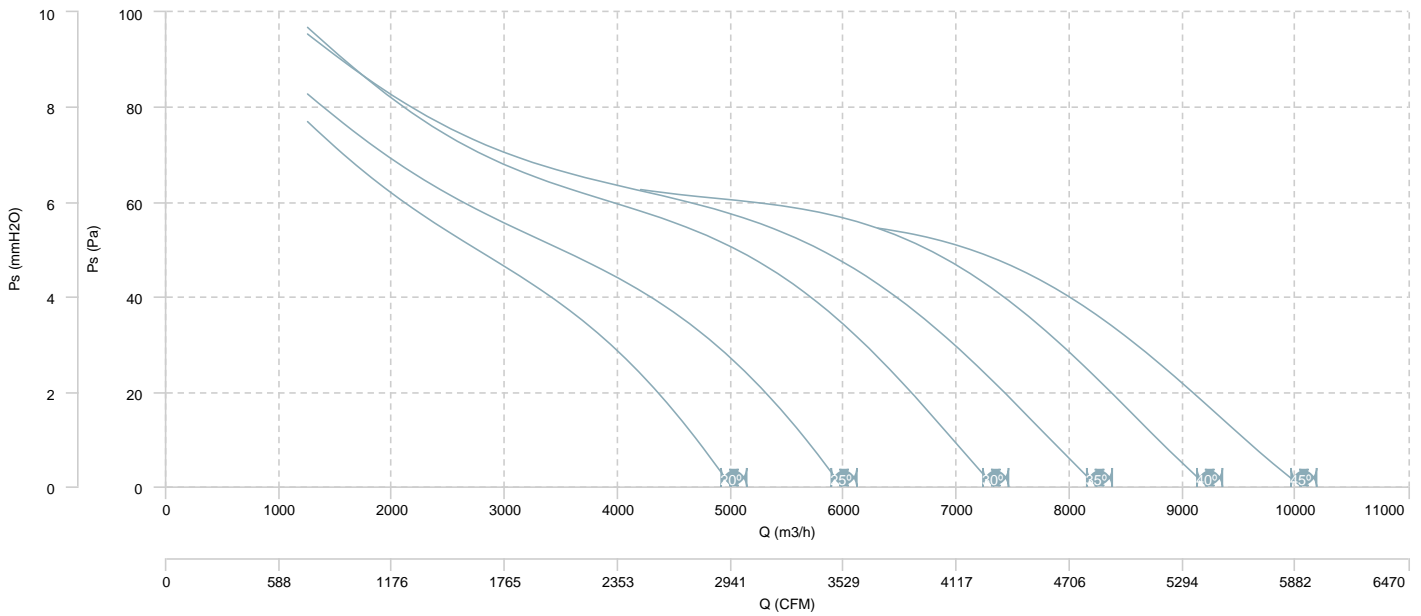


AIR FLOW - MECHANICAL POWER (4 poles)

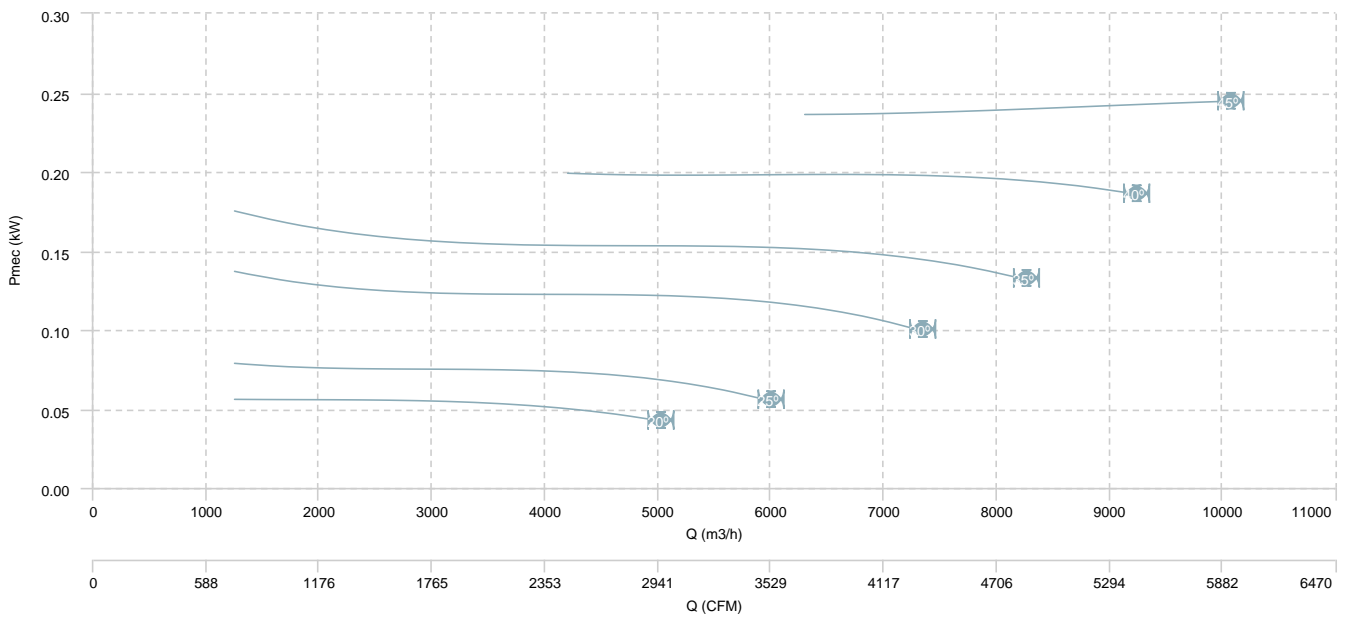


HBFX 63 T4/T8 (A5:6) F400

AIR FLOW - PRESSURE (8 poles)



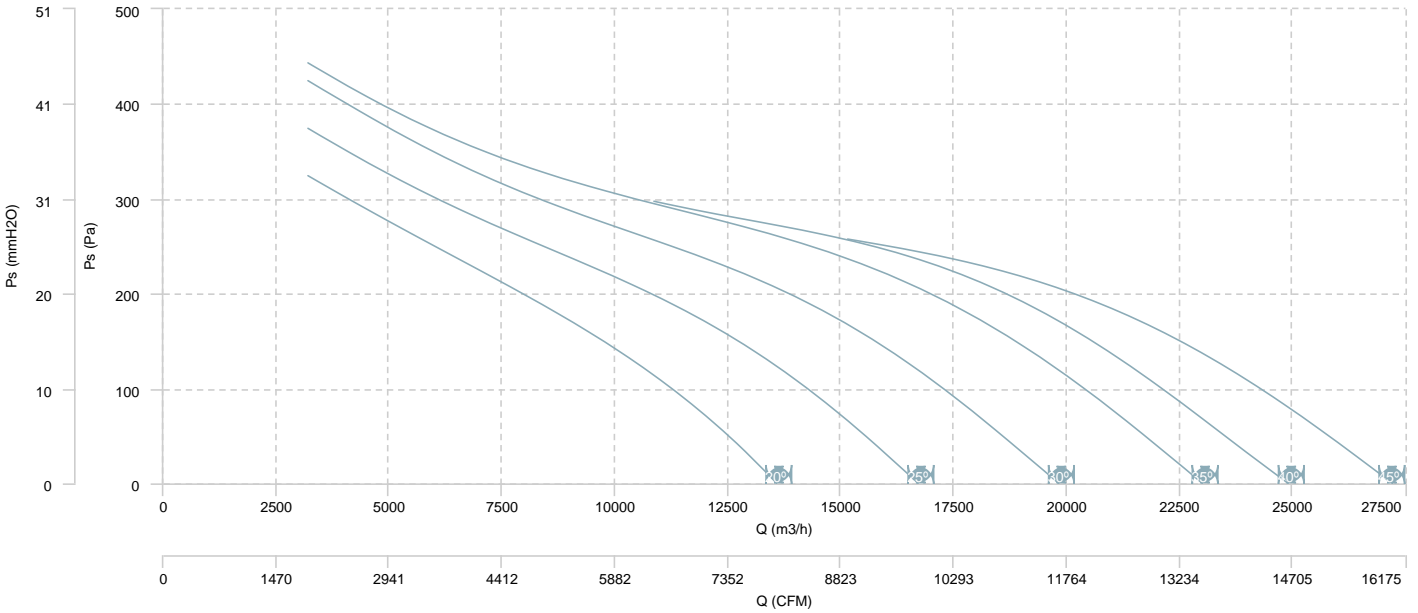
AIR FLOW - MECHANICAL POWER (8 poles)



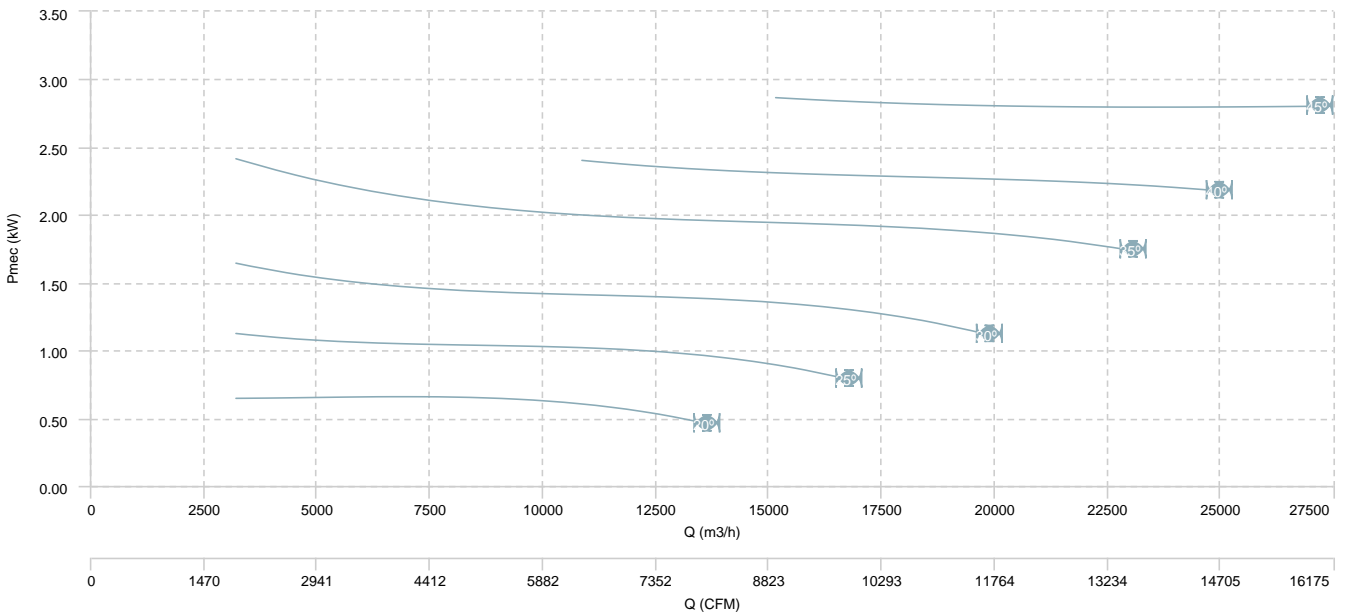


HBFX 71 T4 (A5:6) F400

AIR FLOW - PRESSURE

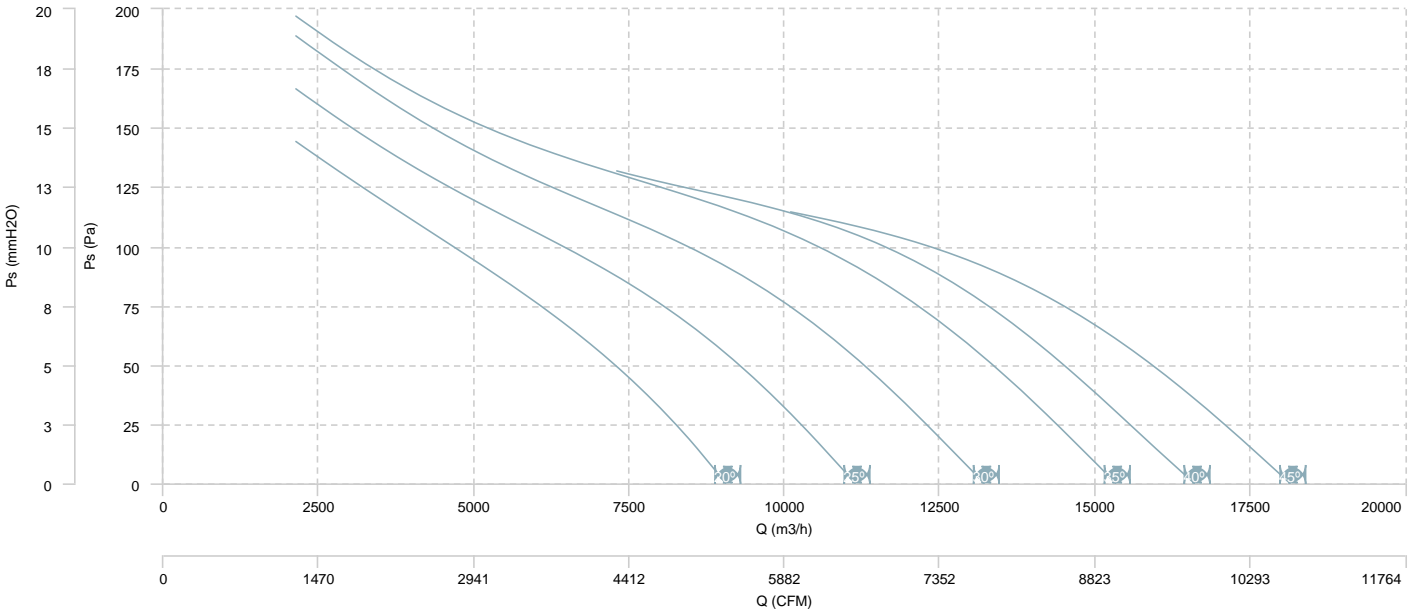


AIR FLOW - MECHANICAL POWER

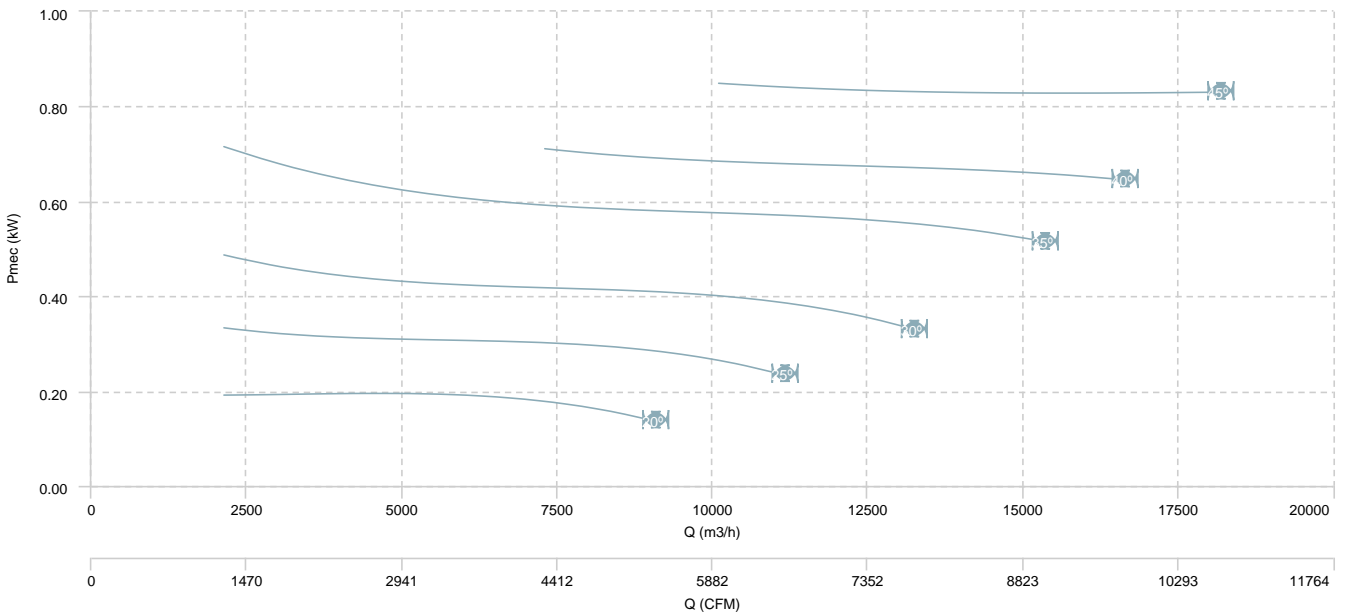


HBFX 71 T6 (A5:6) F400

AIR FLOW - PRESSURE

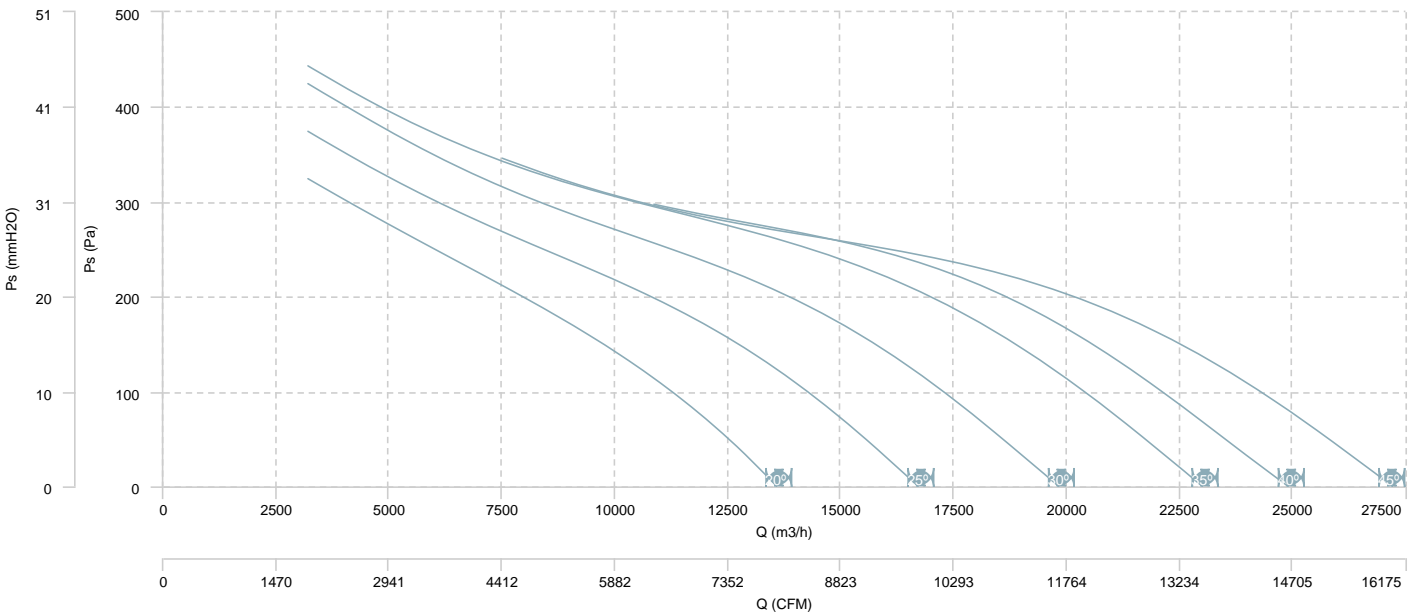


AIR FLOW - MECHANICAL POWER

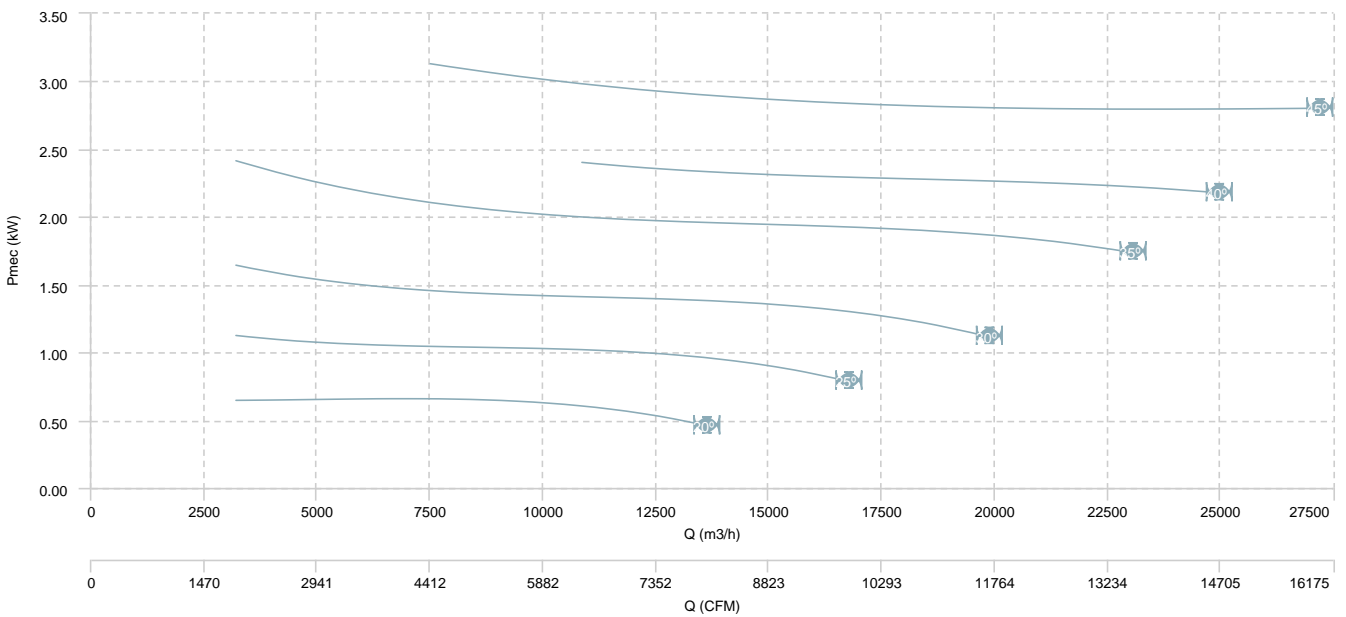


HBFX 71 T4/T8 (A5:6) F400

AIR FLOW - PRESSURE (4 poles)

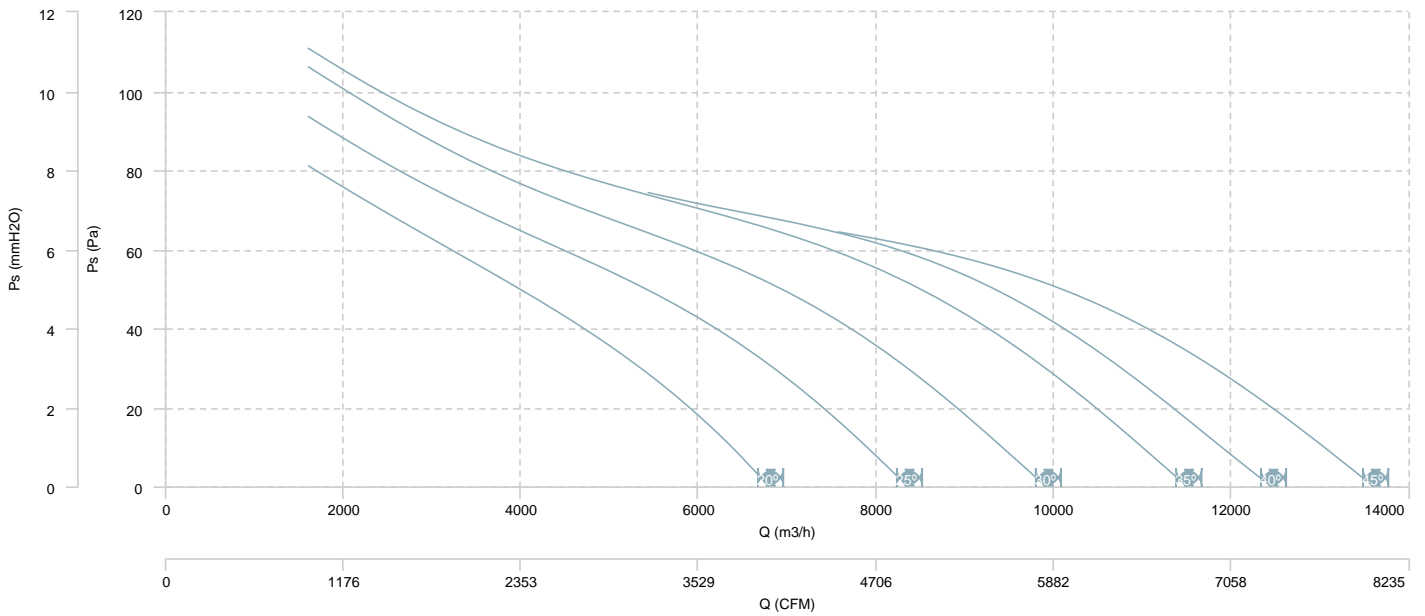


AIR FLOW - MECHANICAL POWER (4 poles)

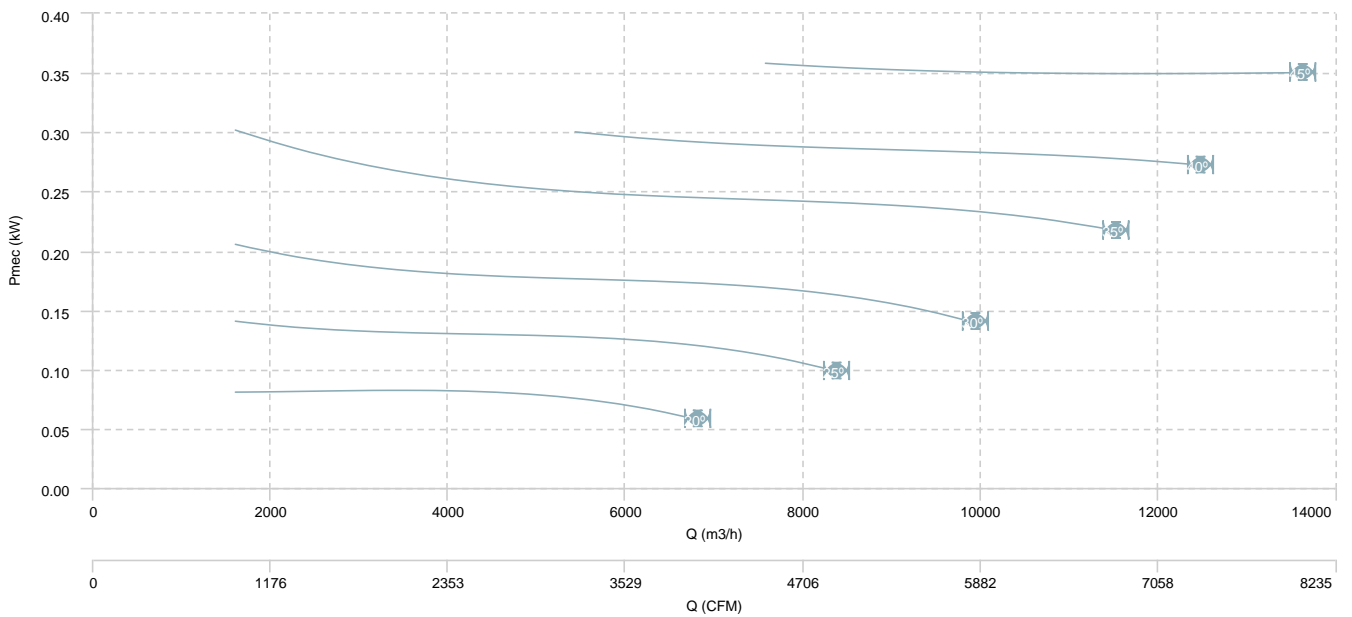


HBFX 71 T4/T8 (A5:6) F400

AIR FLOW - PRESSURE (8 poles)

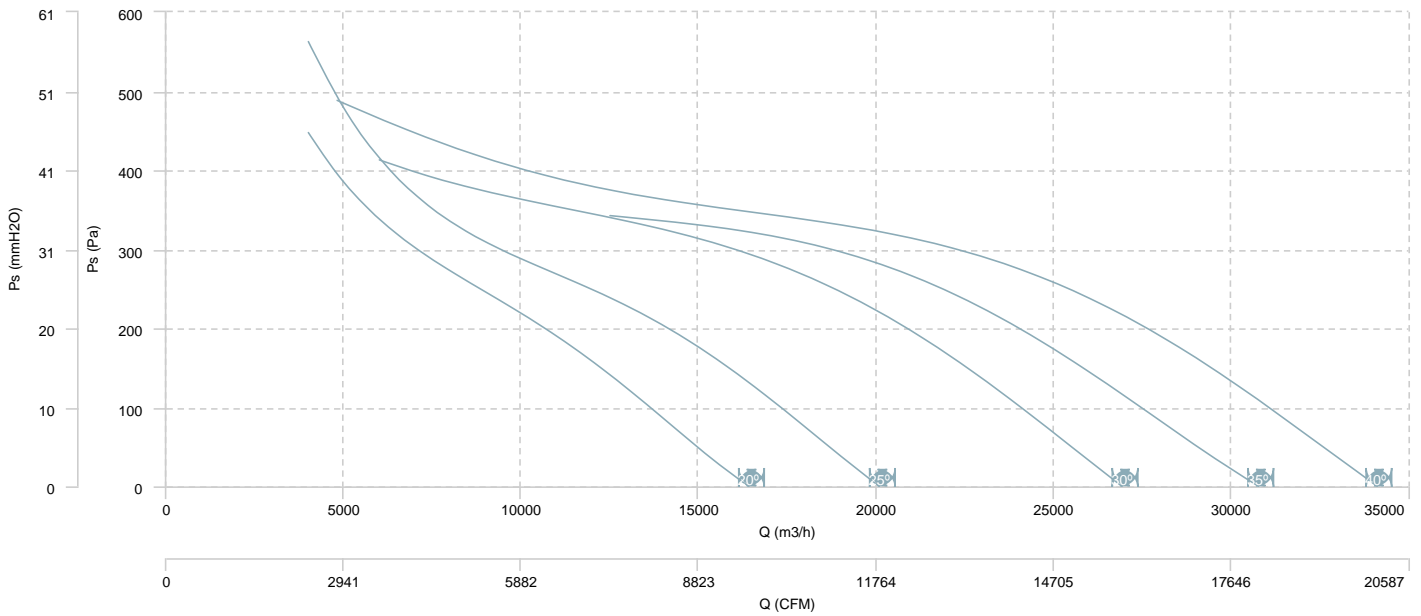


AIR FLOW - MECHANICAL POWER (8 poles)

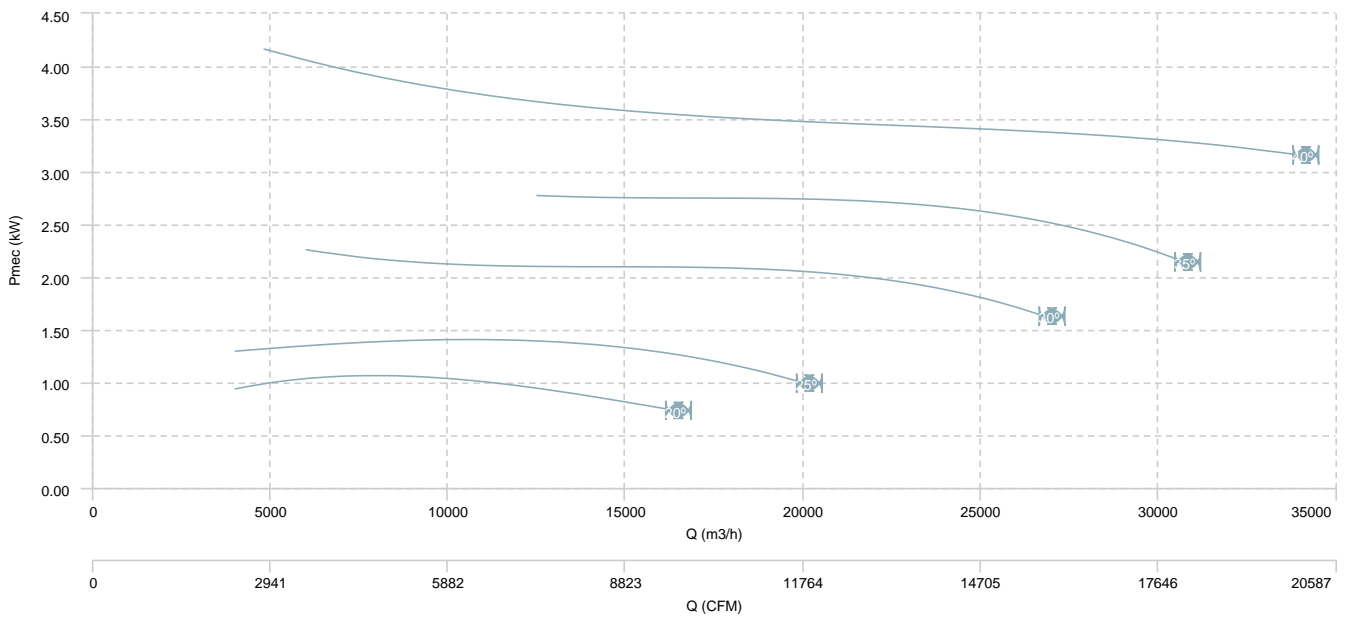


HBFX 80 T4 (A5:6) F400

**AIR FLOW - PRESSURE**

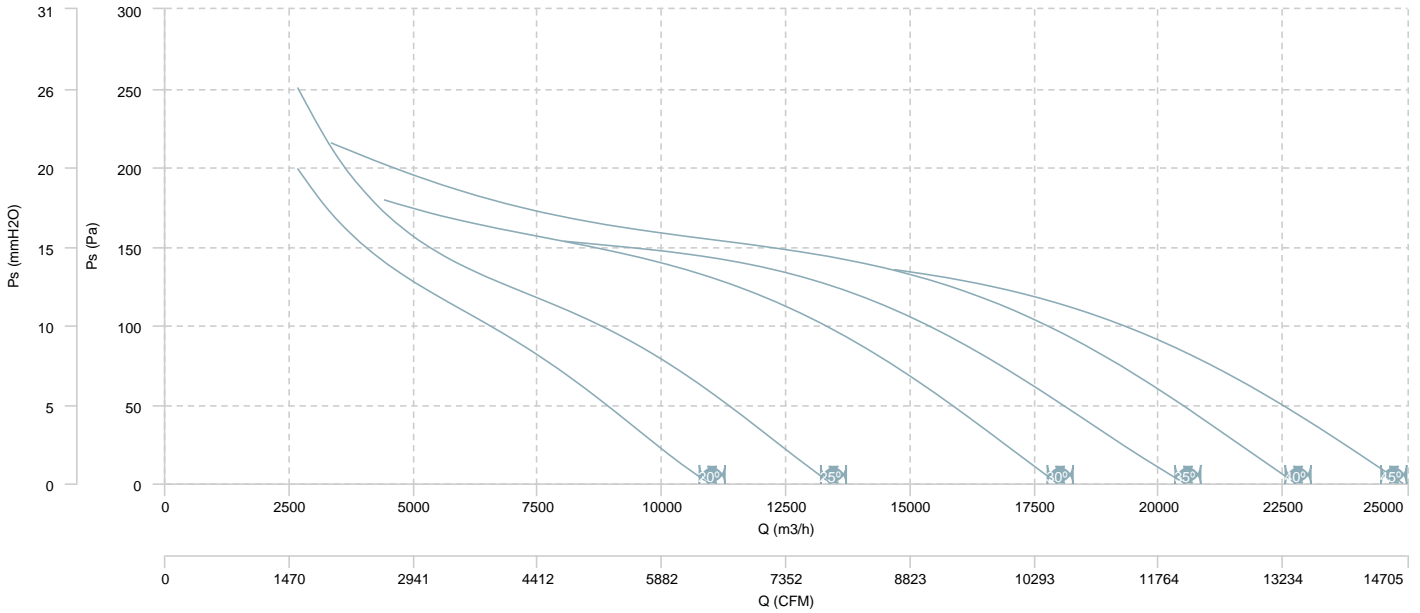


**AIR FLOW - MECHANICAL POWER**

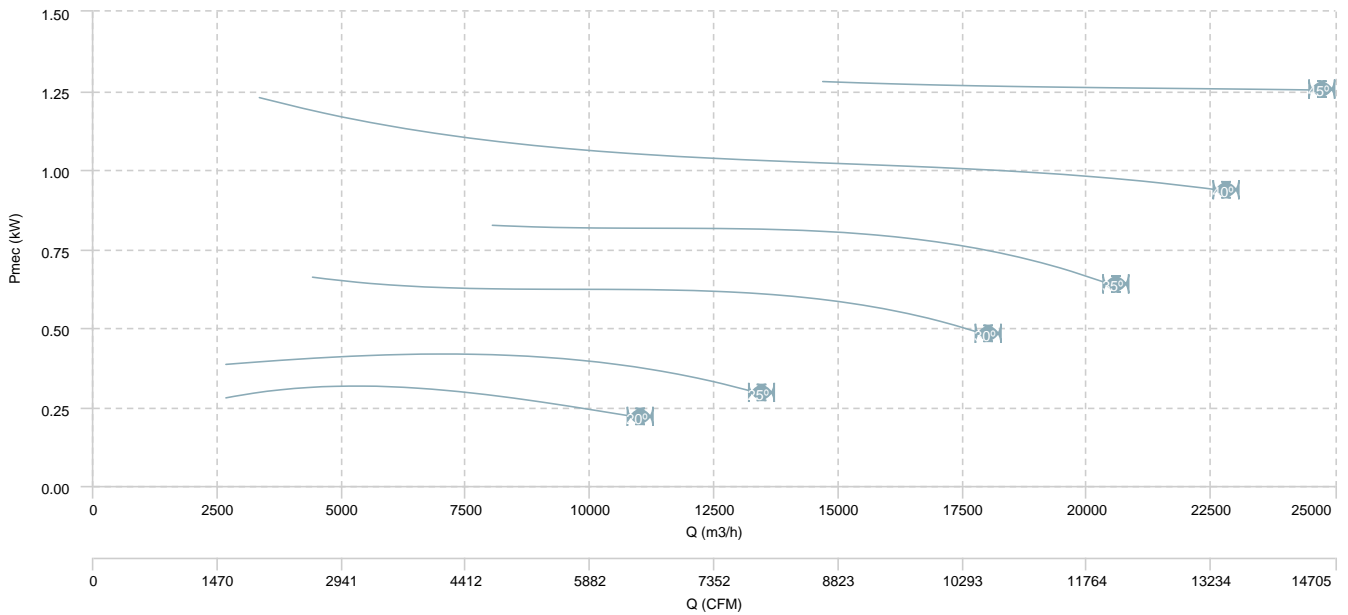


HBFX 80 T6 (A5:6) F400

AIR FLOW - PRESSURE

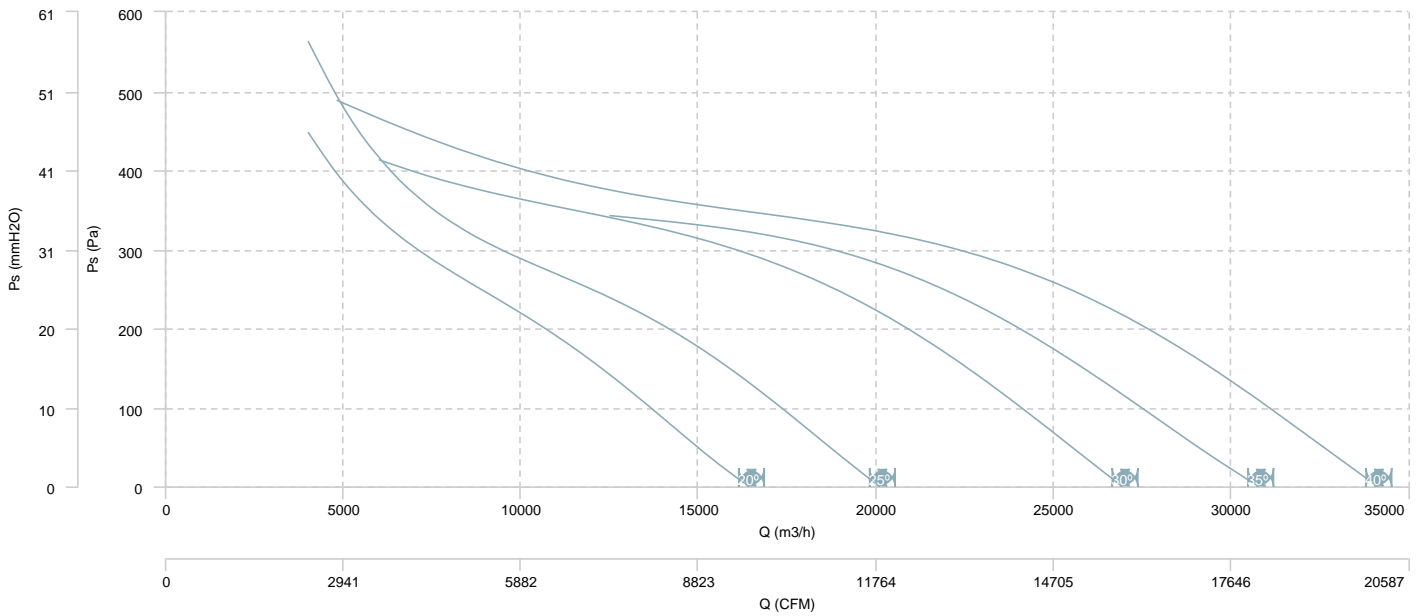


AIR FLOW - MECHANICAL POWER

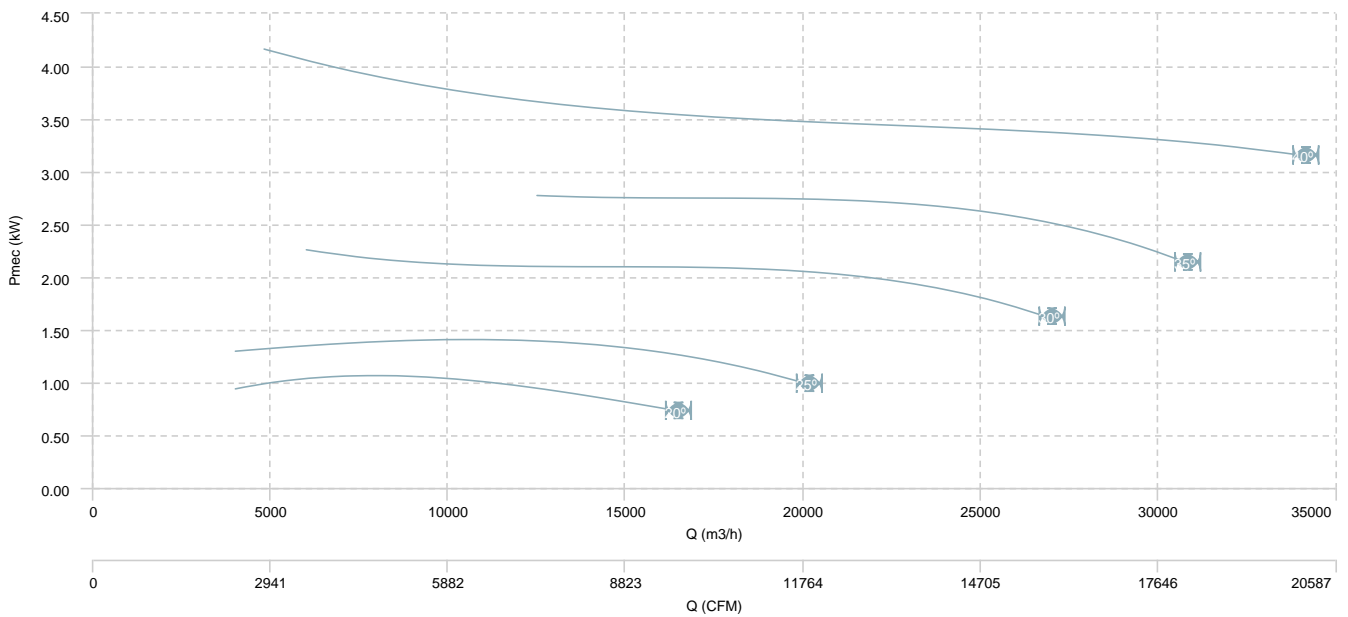


HBFX 80 T4/T8 (A5:6) F400

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

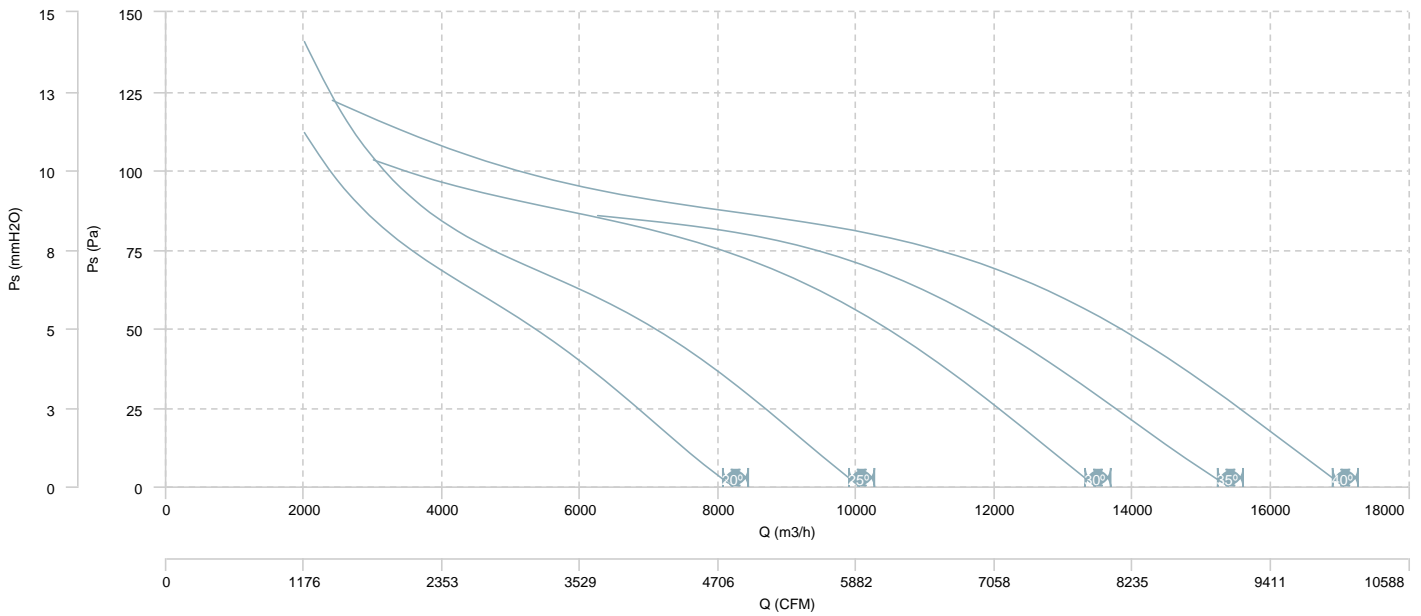


**AIR FLOW - MECHANICAL POWER (4 poles)**

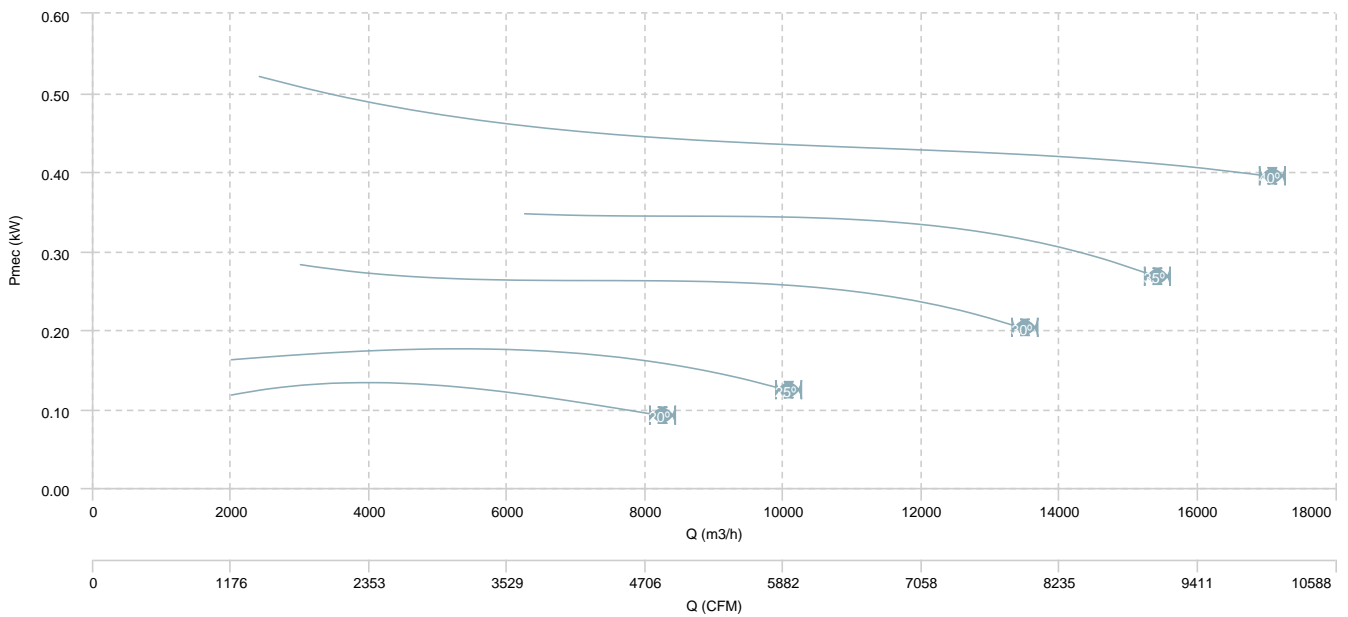


HBFX 80 T4/T8 (A5:6) F400

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



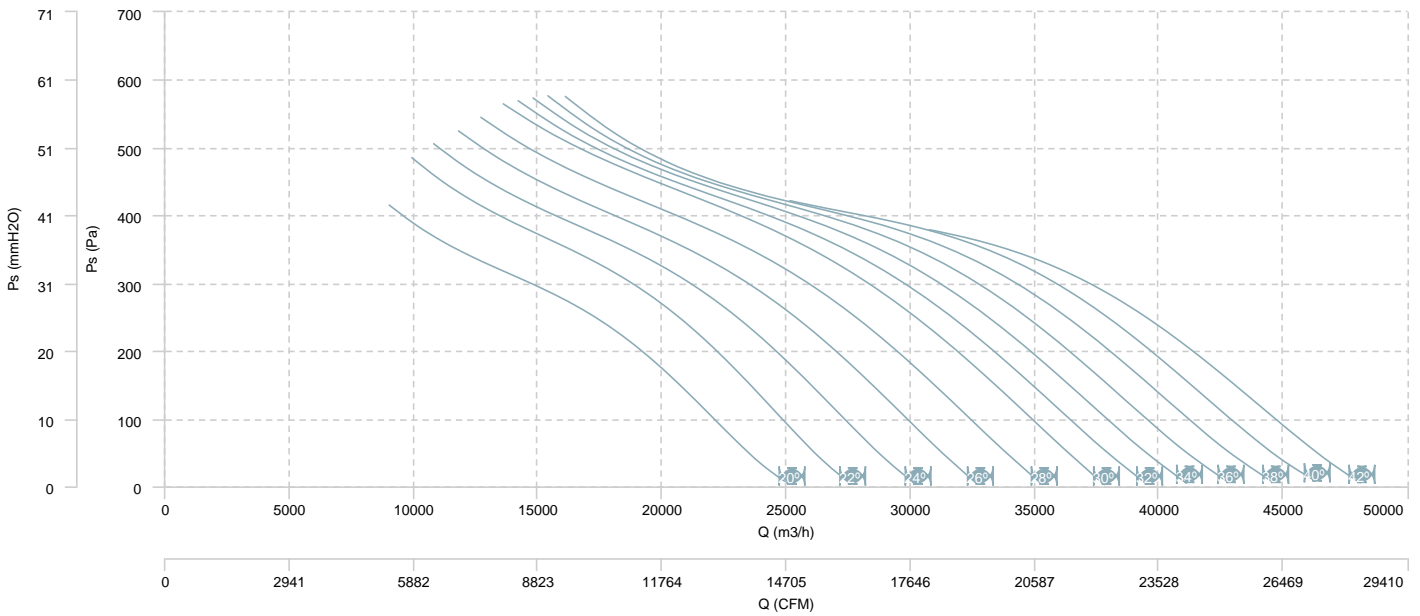
**AIR FLOW - MECHANICAL POWER (8 poles)**



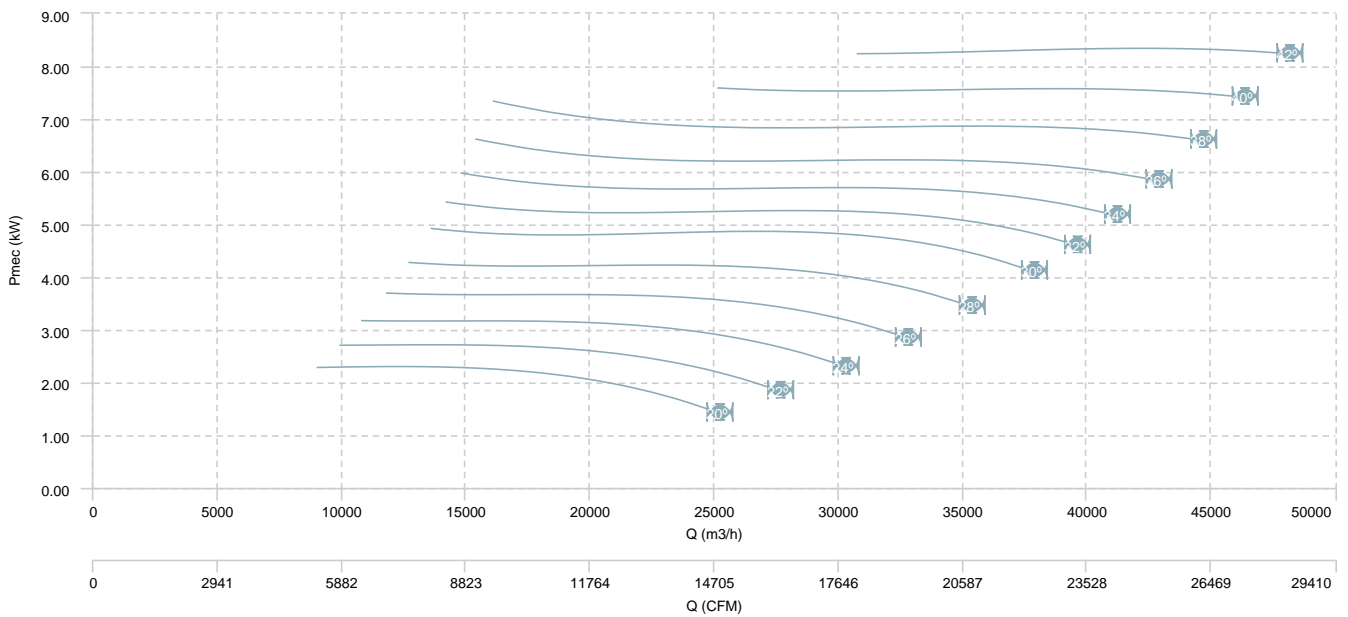


HBFX 90 T4 (A3:4) F400

**AIR FLOW - PRESSURE**

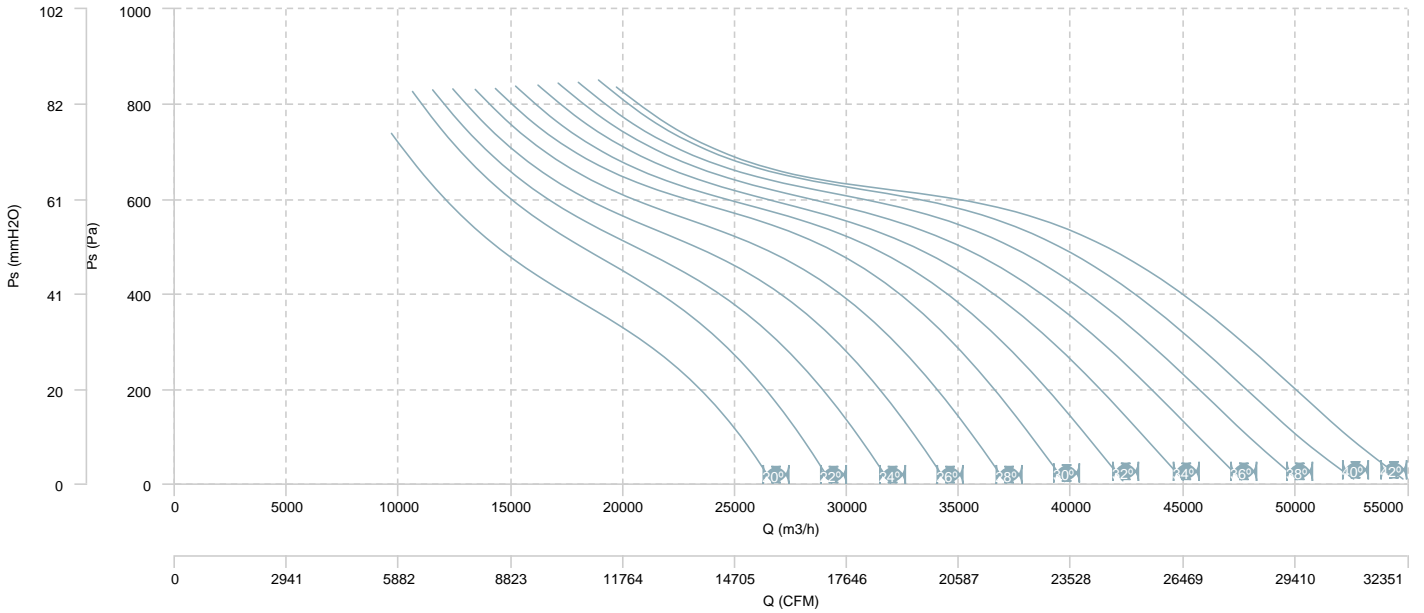


**AIR FLOW - MECHANICAL POWER**

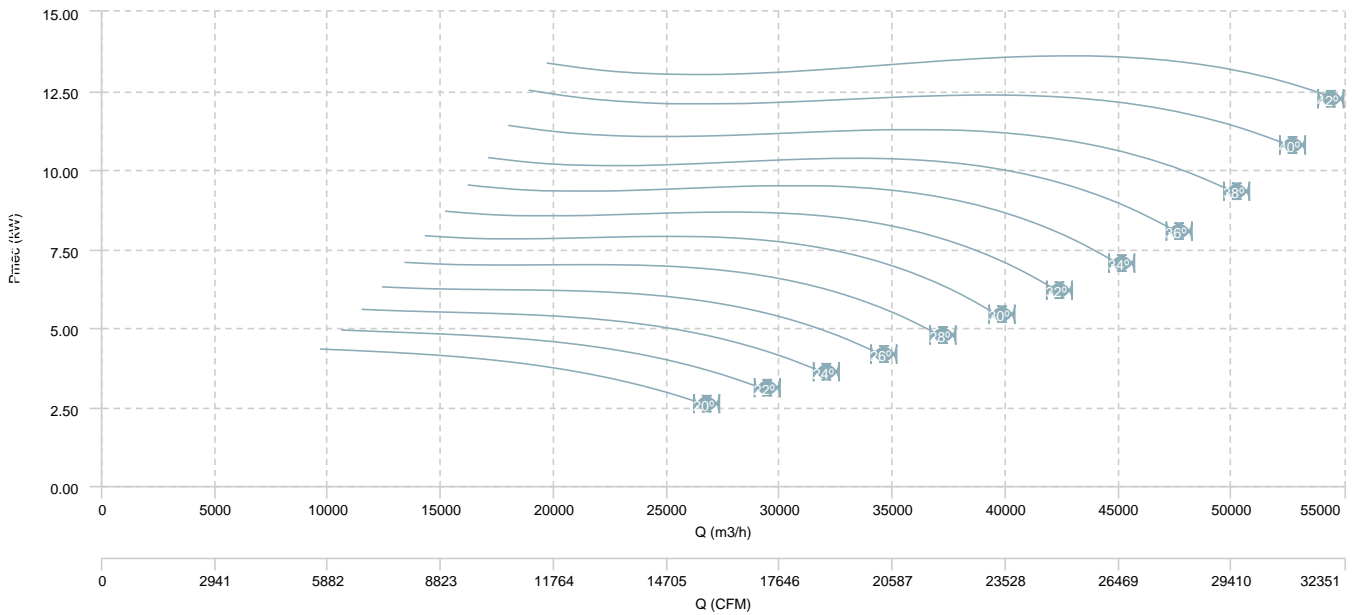


HBFX 90 T4 (A3:8) F400

AIR FLOW - PRESSURE

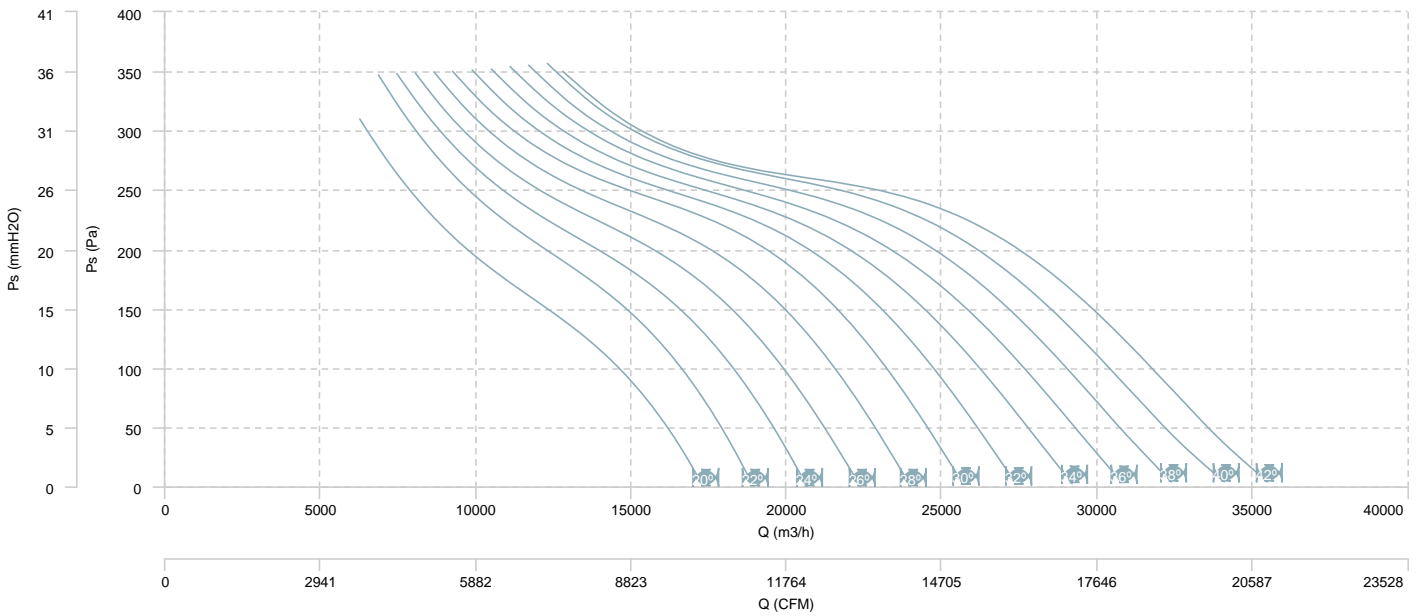


AIR FLOW - MECHANICAL POWER

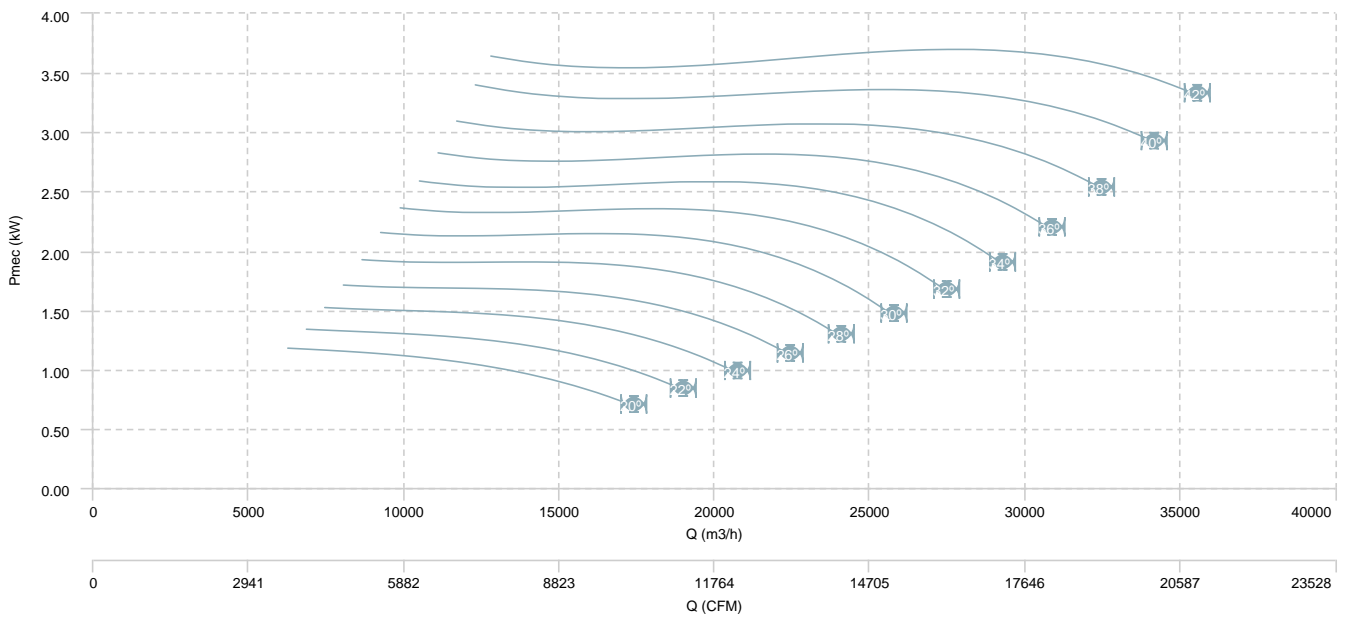


HBFX 90 T6 (A3:8) F400

**AIR FLOW - PRESSURE**

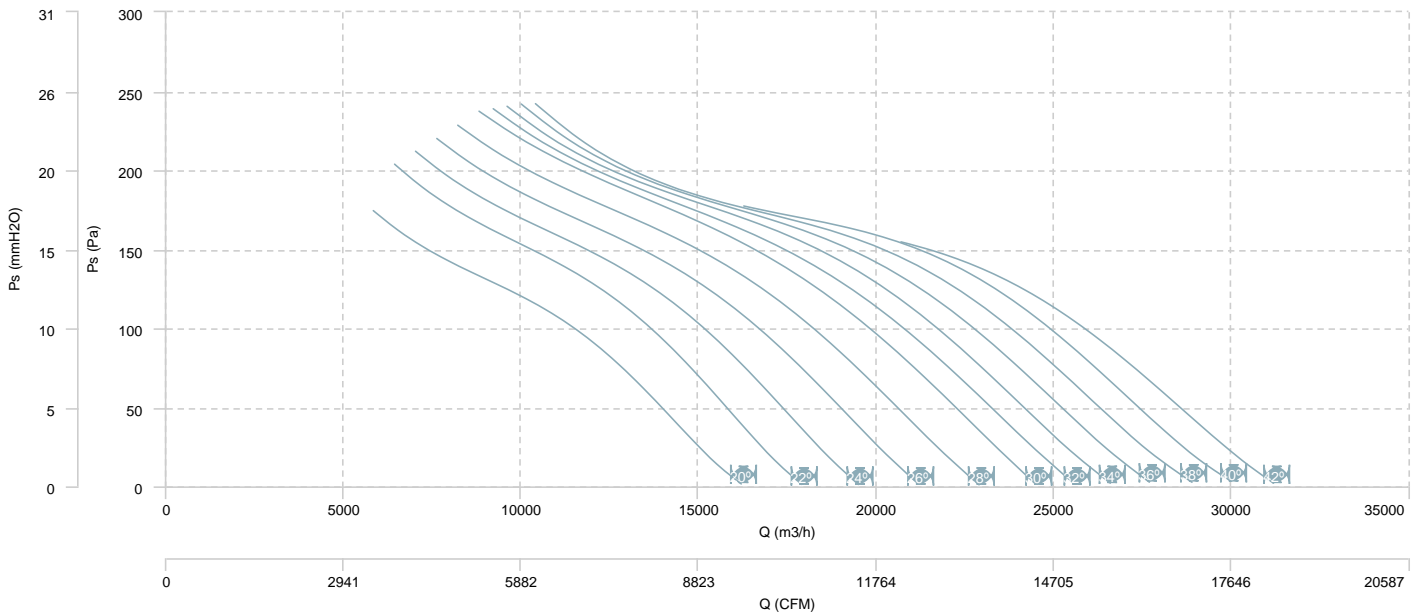


**AIR FLOW - MECHANICAL POWER**

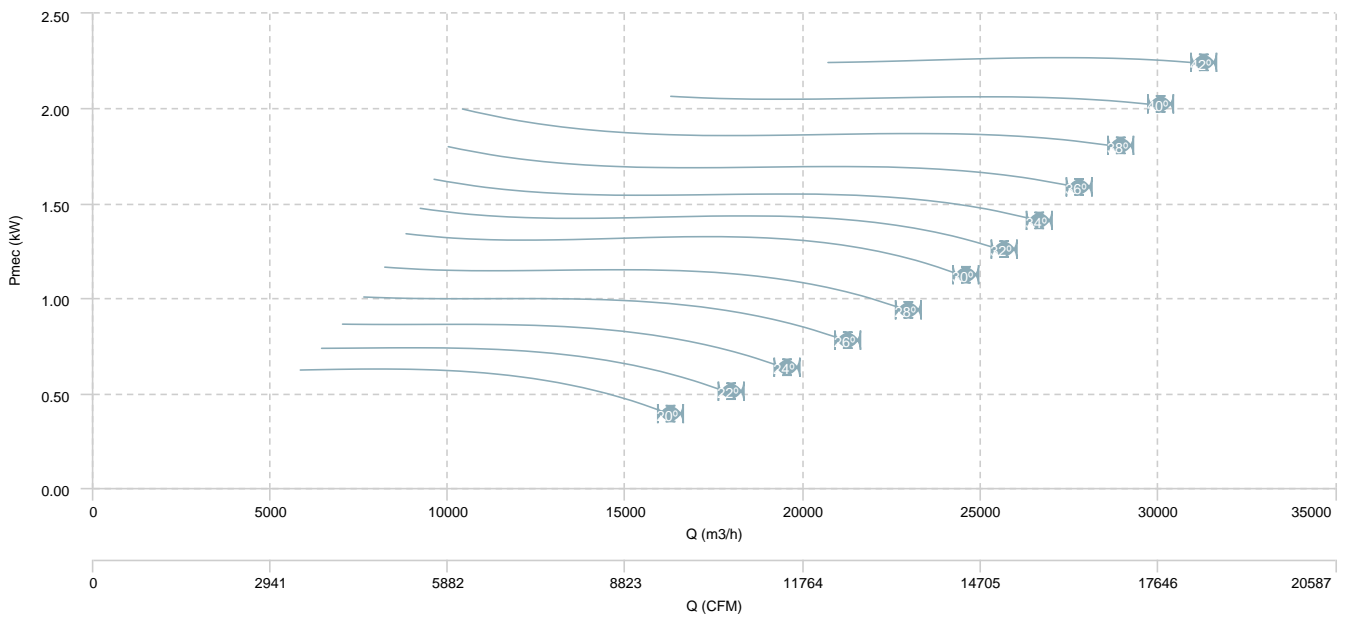


HBFX 90 T6 (A3:4) F400

AIR FLOW - PRESSURE

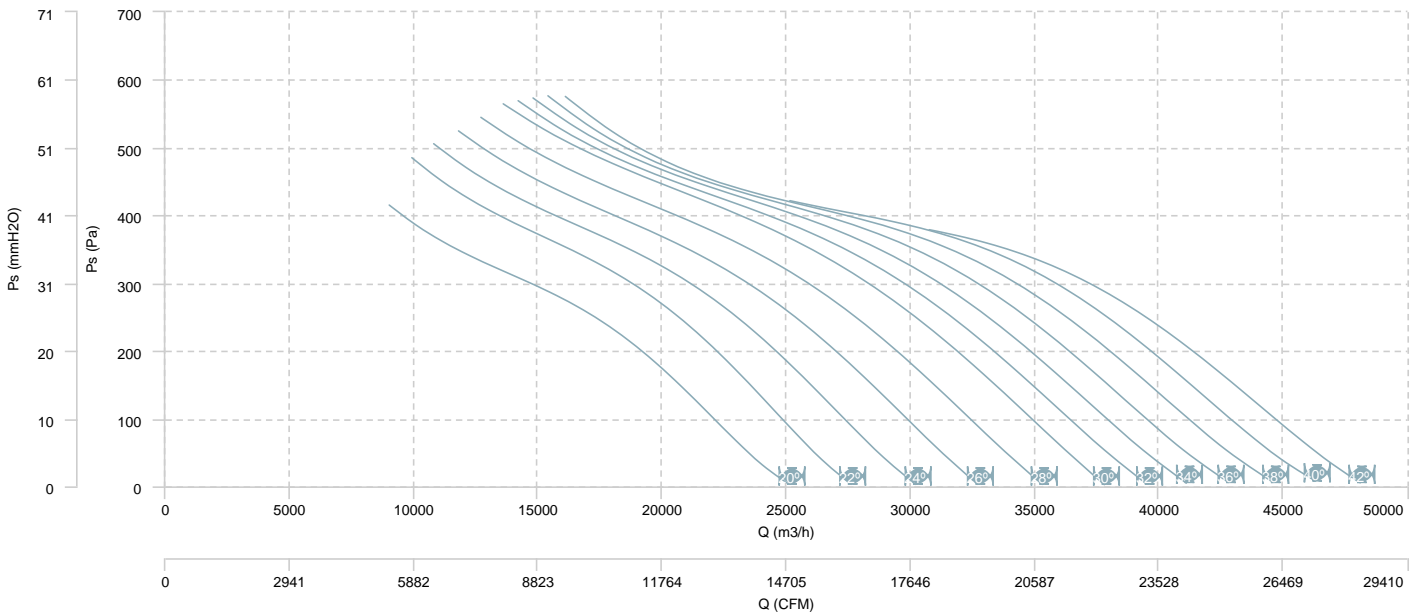


AIR FLOW - MECHANICAL POWER

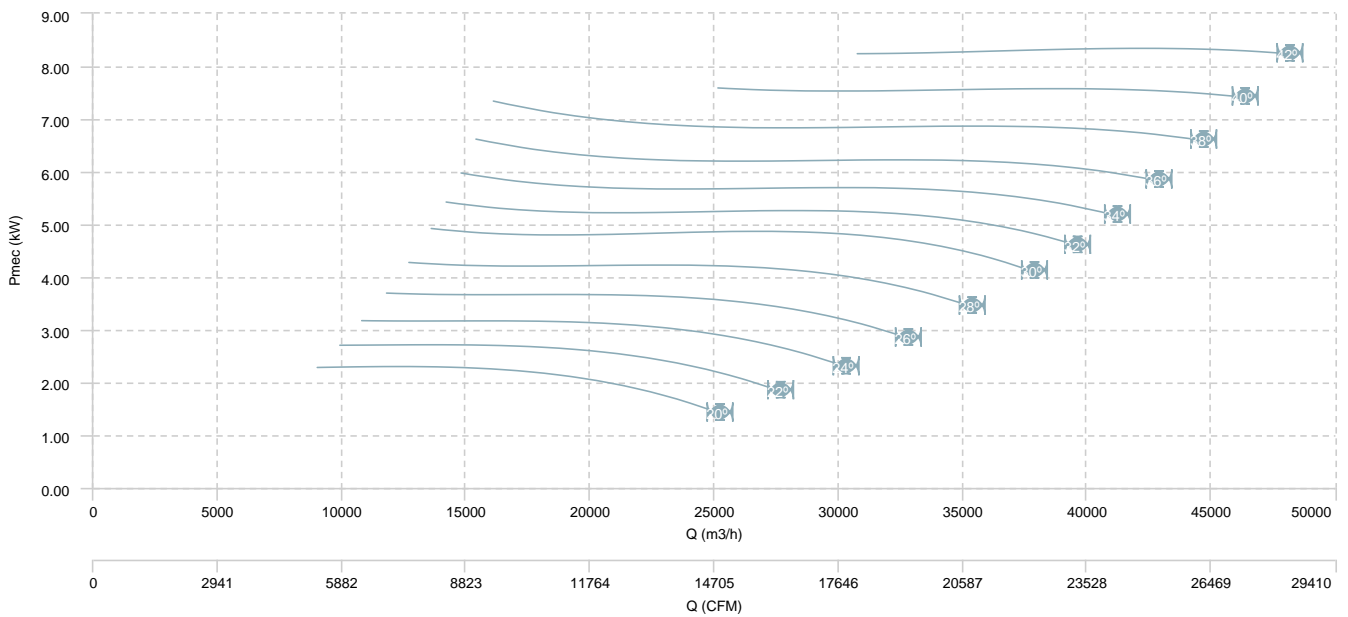


HBFX 90 T4/T8 (A3:4) F400

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

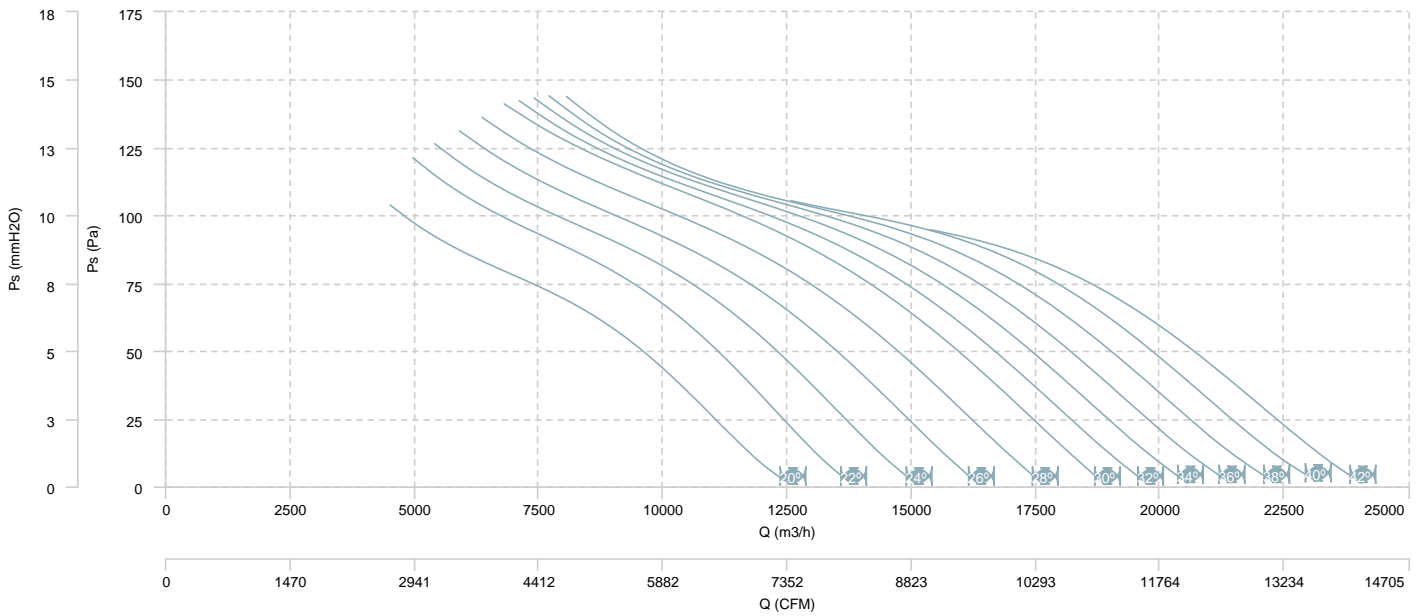


**AIR FLOW - MECHANICAL POWER (4 poles)**

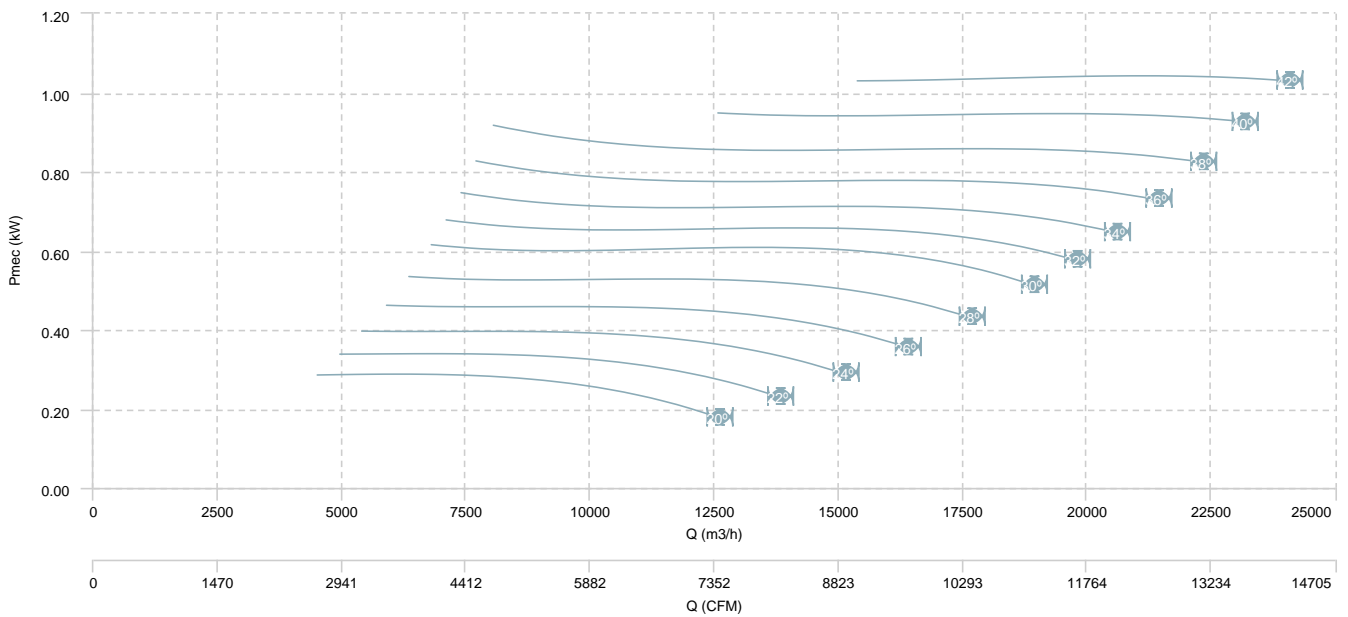


HBFX 90 T4/T8 (A3:4) F400

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

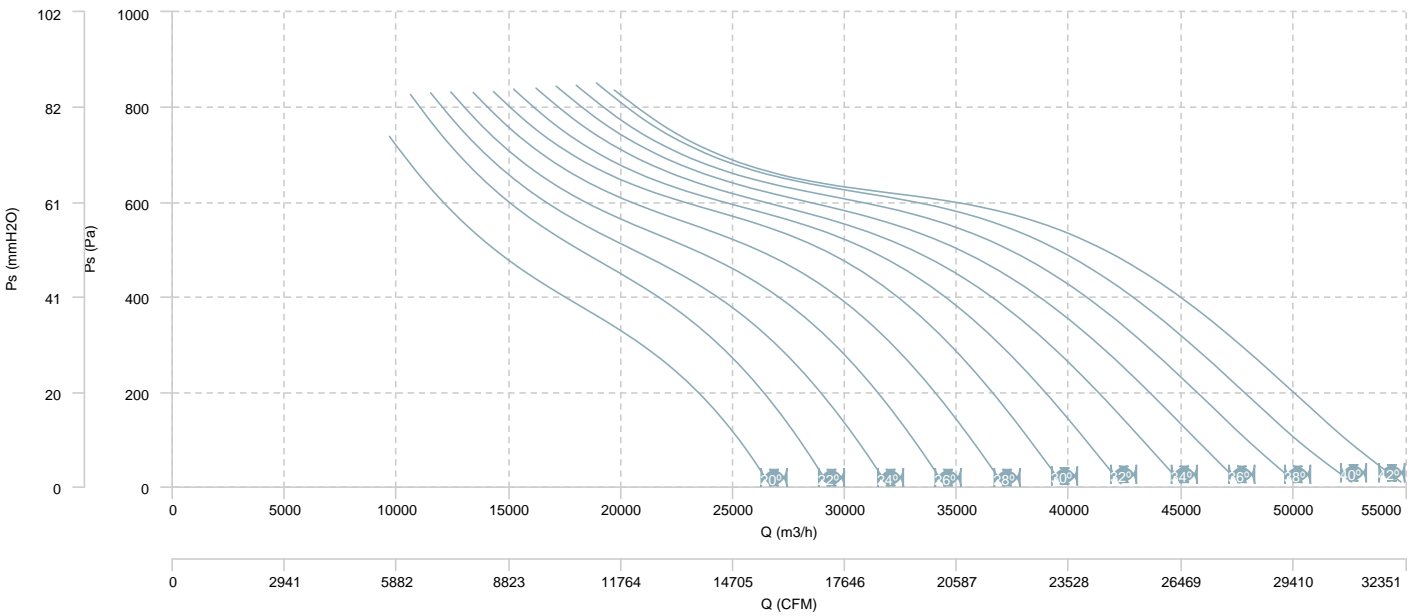


**AIR FLOW - MECHANICAL POWER (8 poles)**

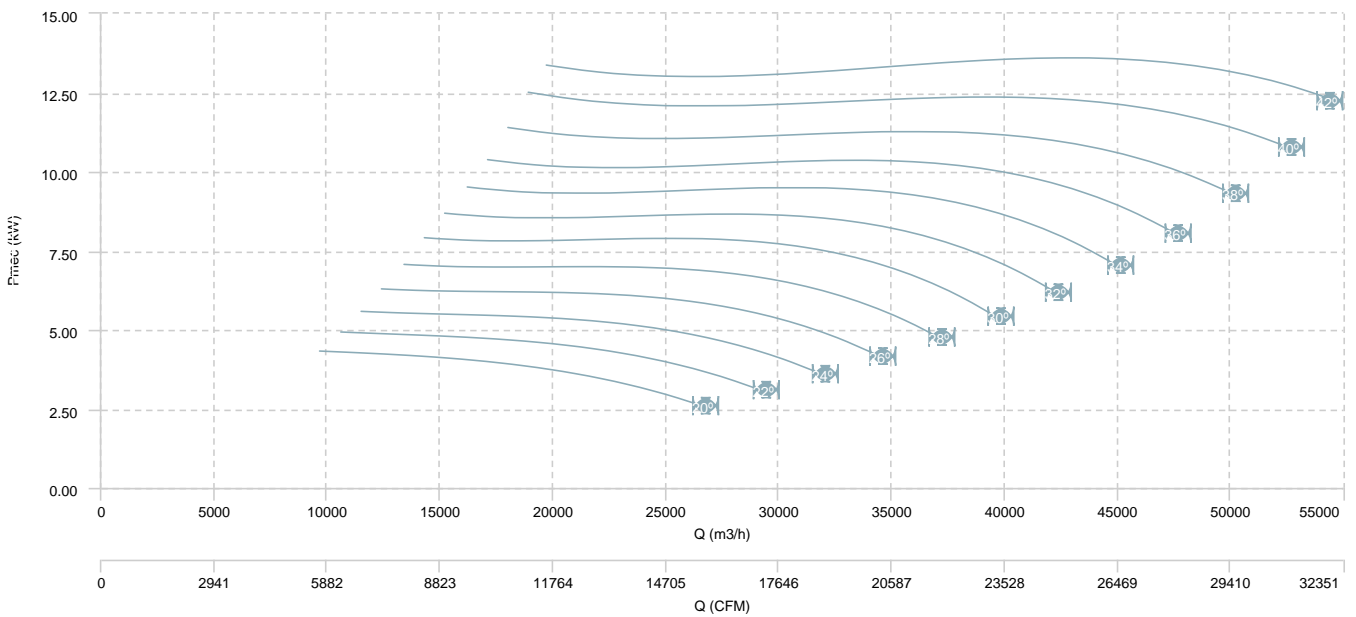


HBFX 90 T4/T8 (A3:8) F400

AIR FLOW - PRESSURE (4 poles)

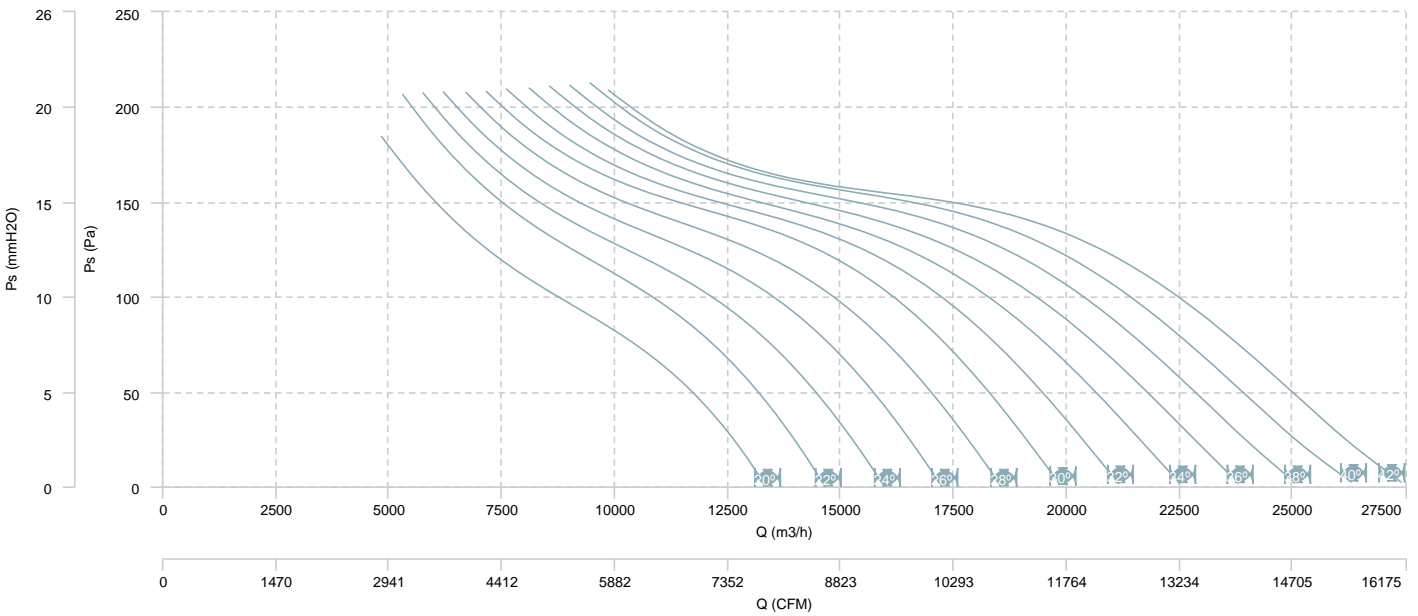


AIR FLOW - MECHANICAL POWER (4 poles)

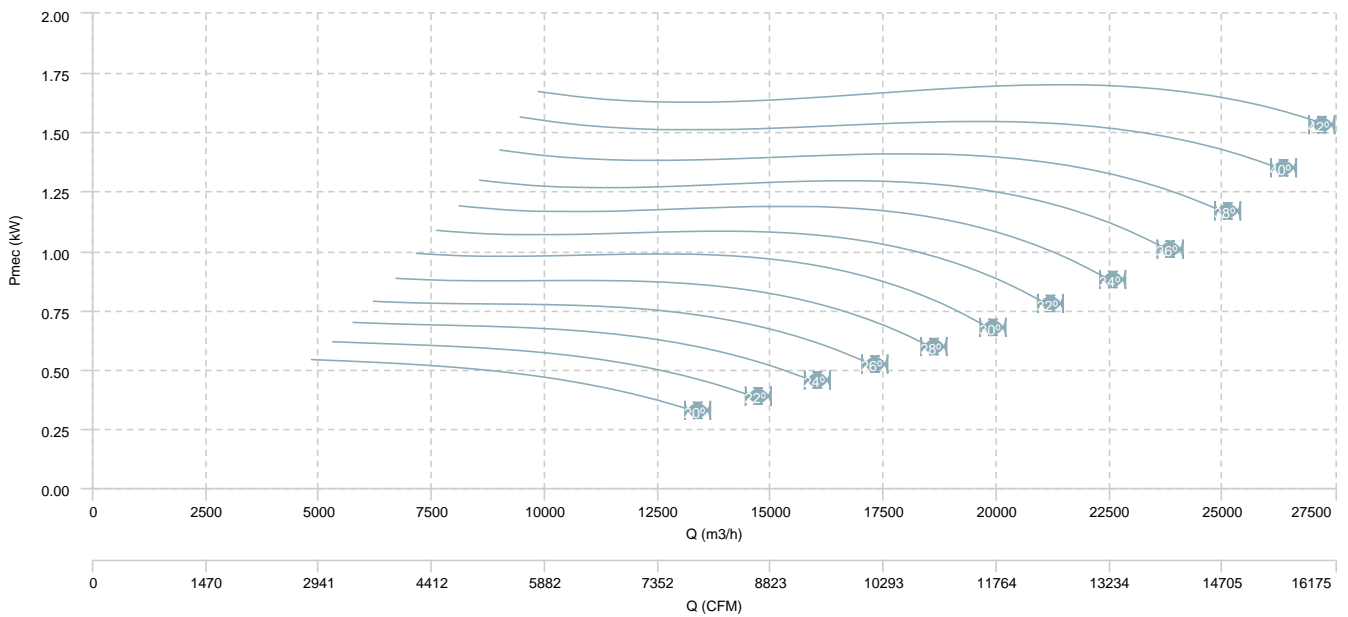


HBFX 90 T4/T8 (A3:8) F400

AIR FLOW - PRESSURE (8 poles)



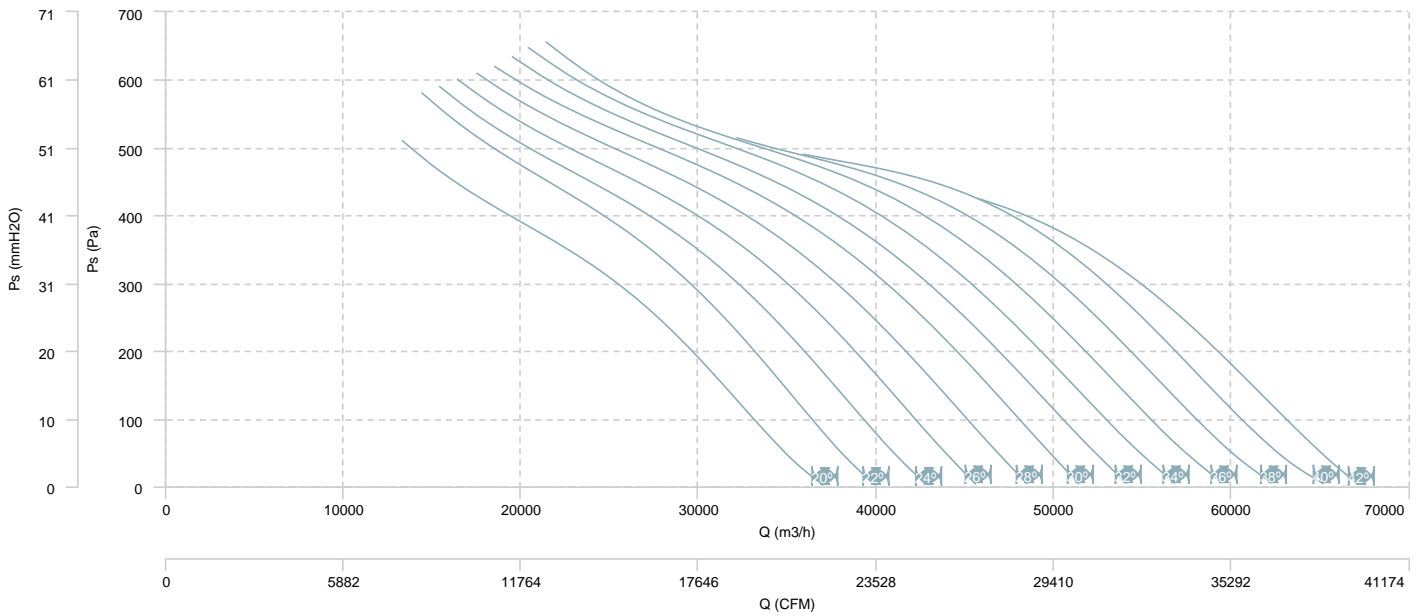
AIR FLOW - MECHANICAL POWER (8 poles)



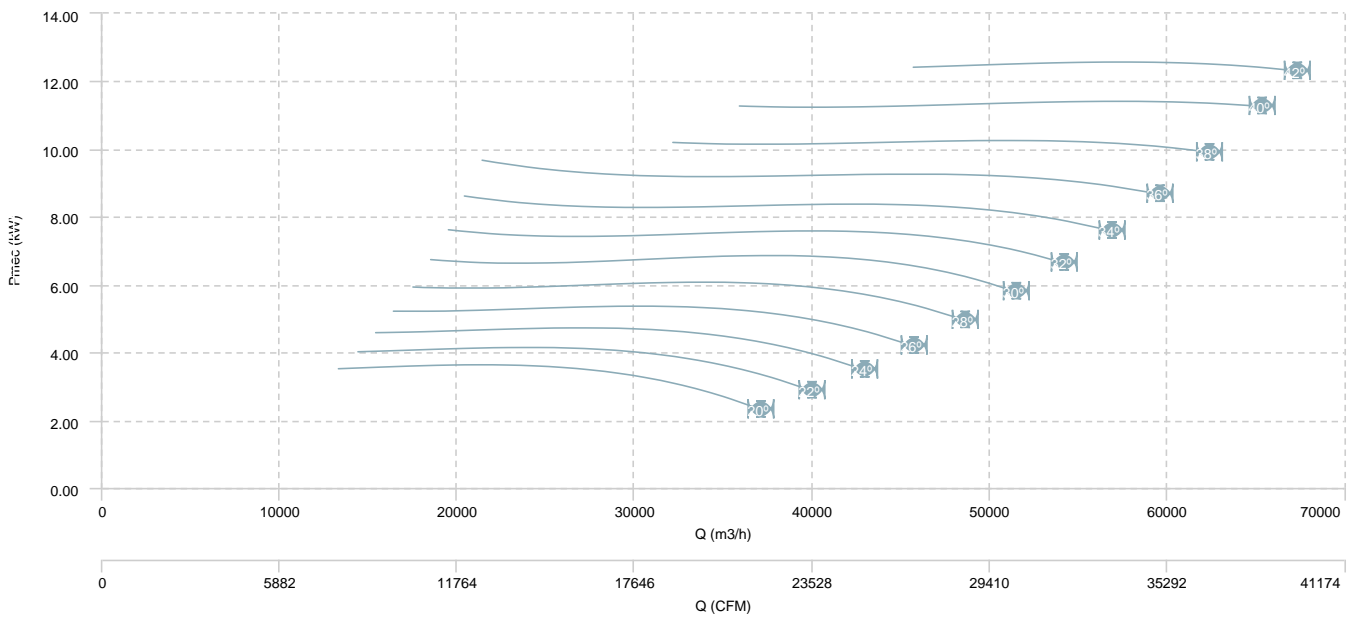


HBFX 100 T4 (A3:4) F400

AIR FLOW - PRESSURE

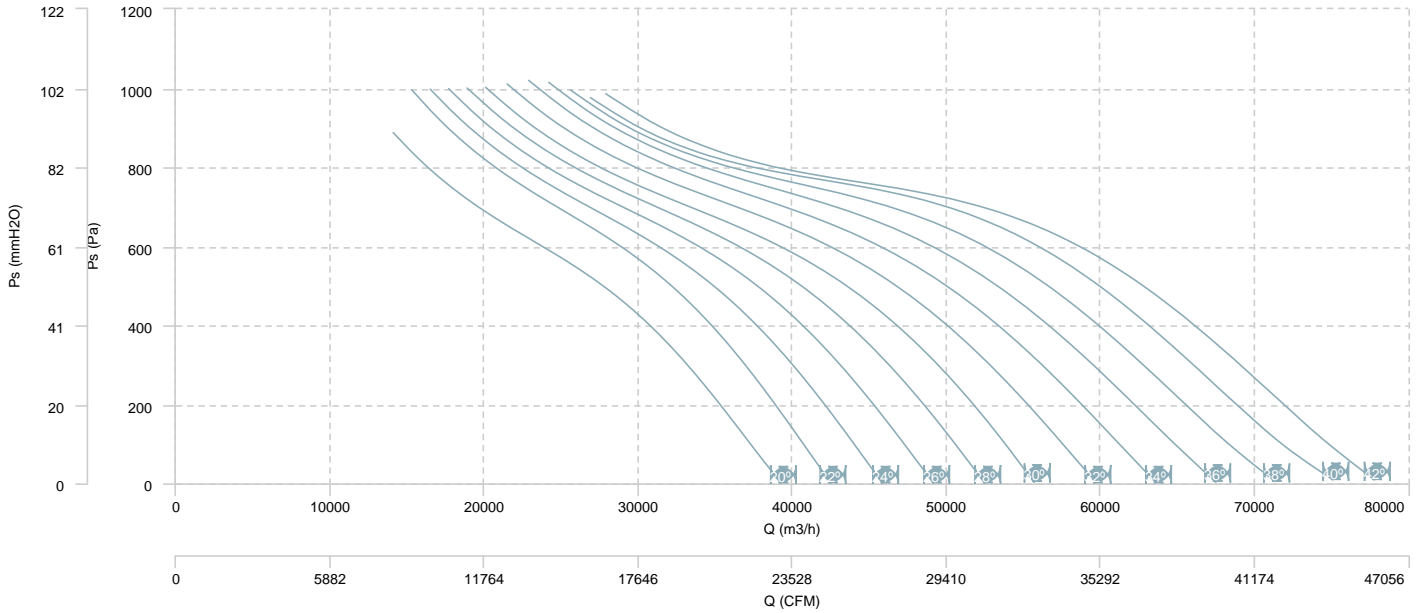


AIR FLOW - MECHANICAL POWER

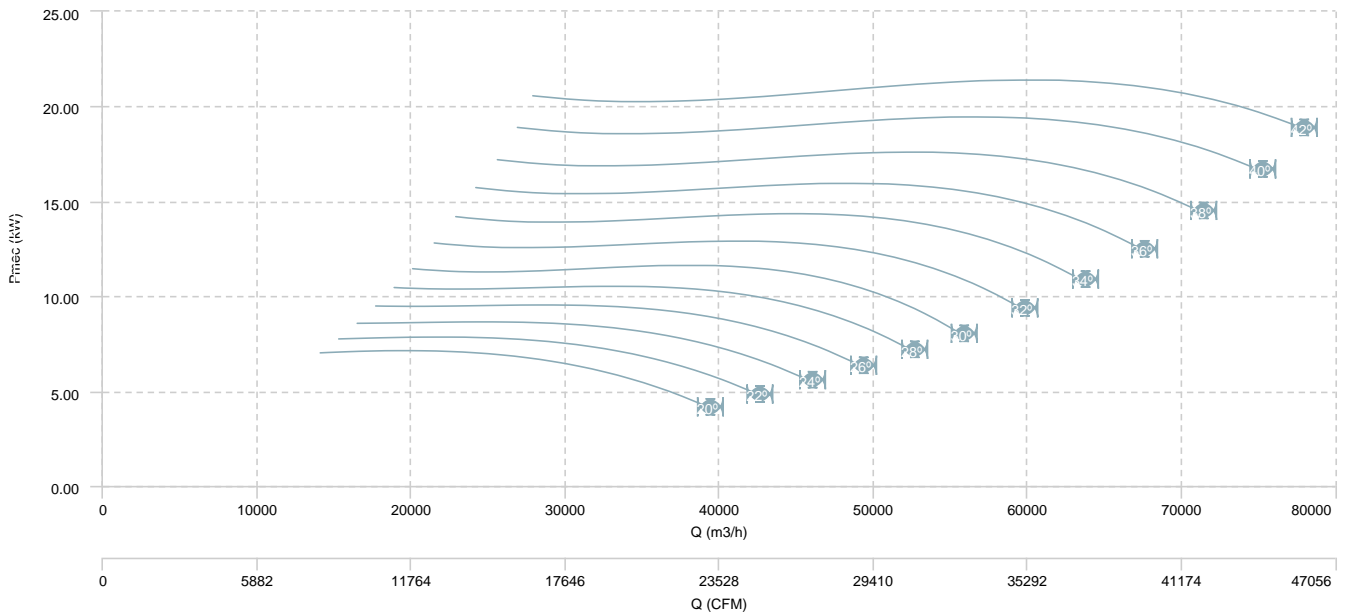


HBFX 100 T4 (A3:8) F400

**AIR FLOW - PRESSURE**

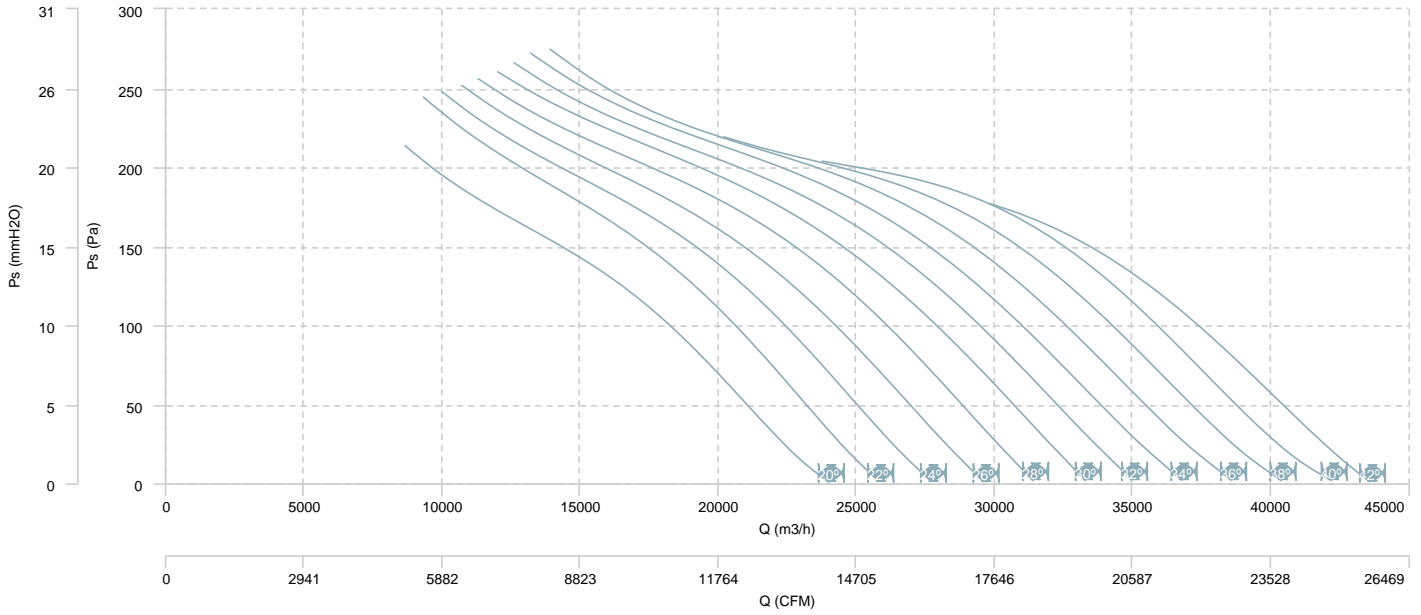


**AIR FLOW - MECHANICAL POWER**

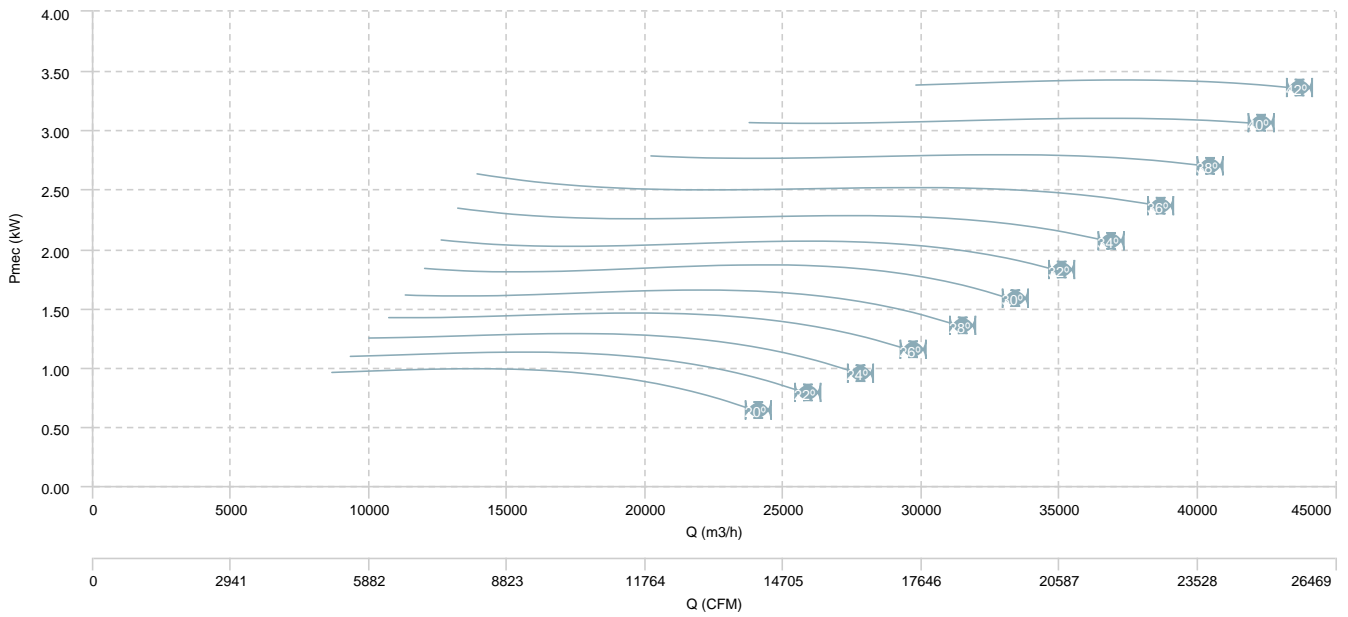


HBFX 100 T6 (A3:4) F400

AIR FLOW - PRESSURE

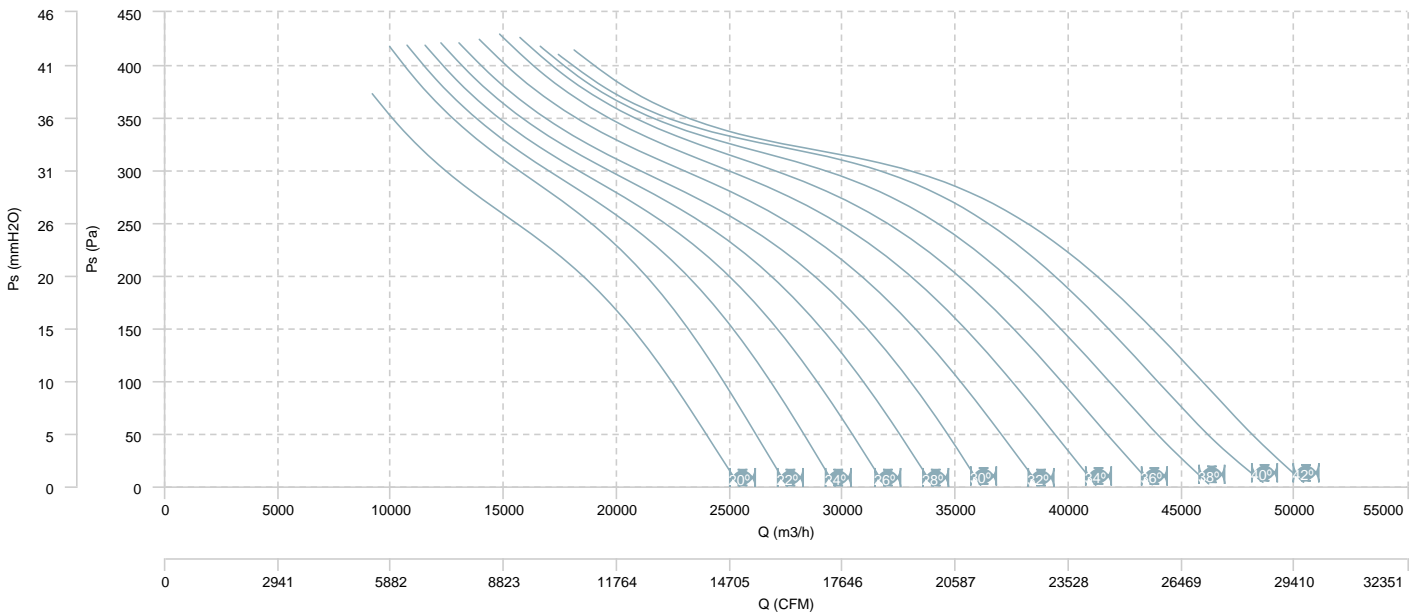


AIR FLOW - MECHANICAL POWER

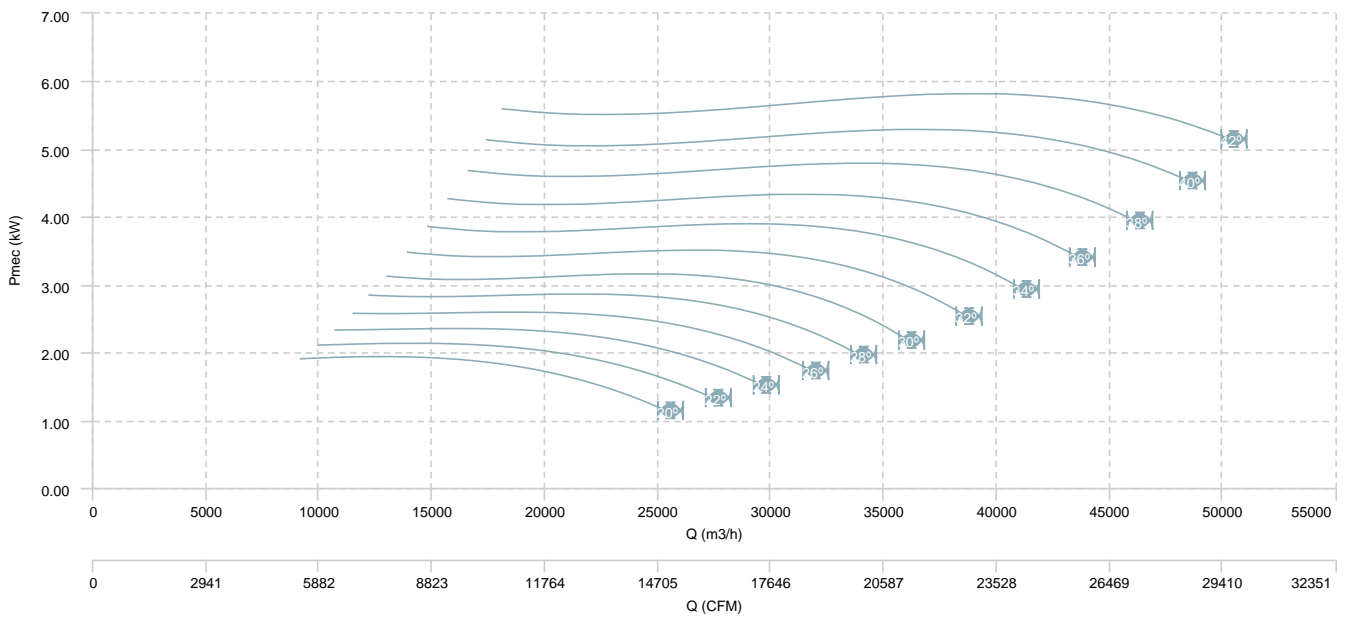


HBFX 100 T6 (A3:8) F400

AIR FLOW - PRESSURE

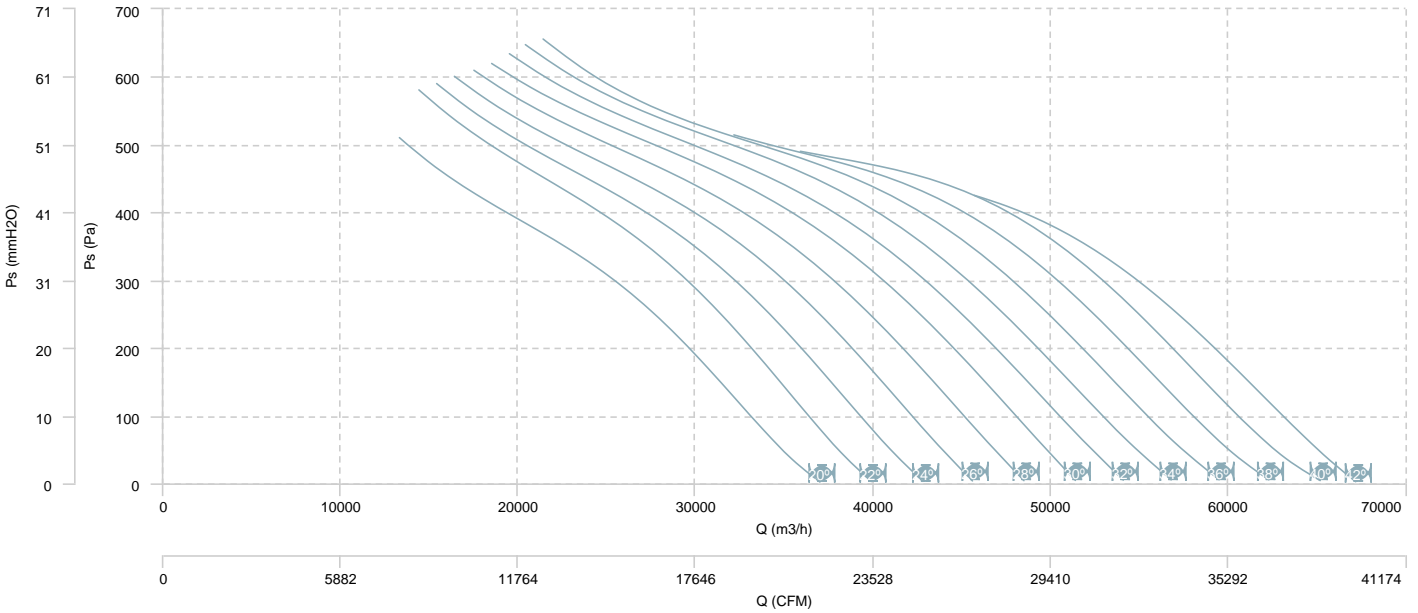


AIR FLOW - MECHANICAL POWER

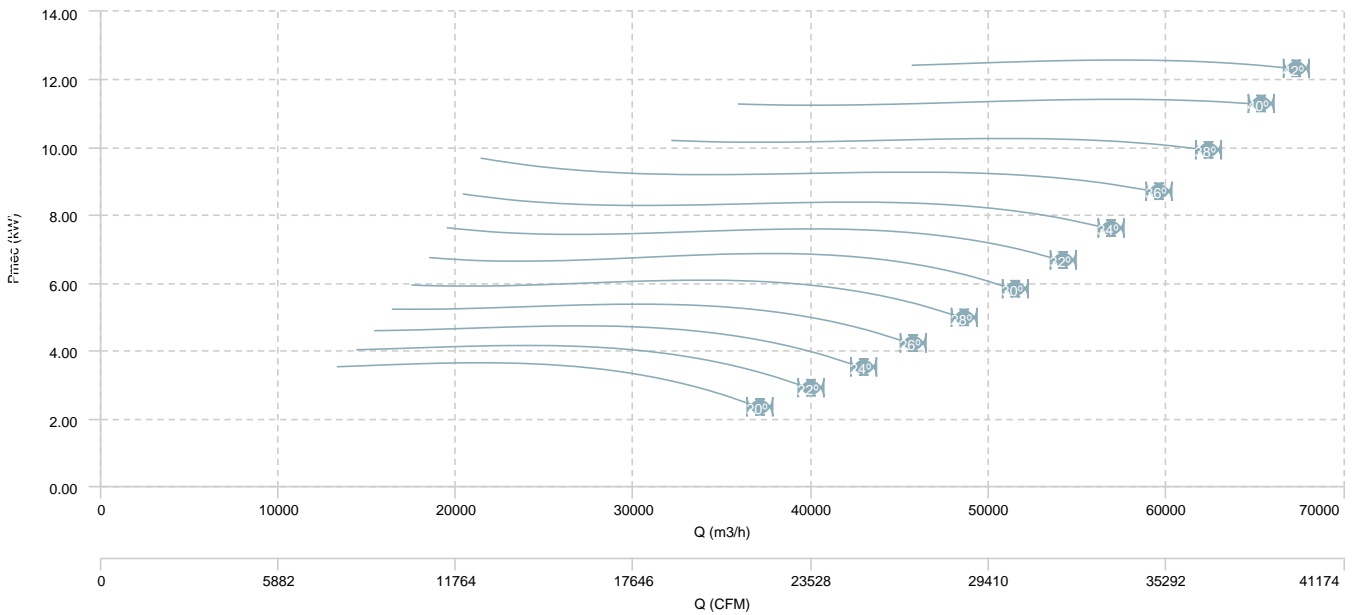


HBFX 100 T4/T8 (A3:4) F400

AIR FLOW - PRESSURE (4 poles)

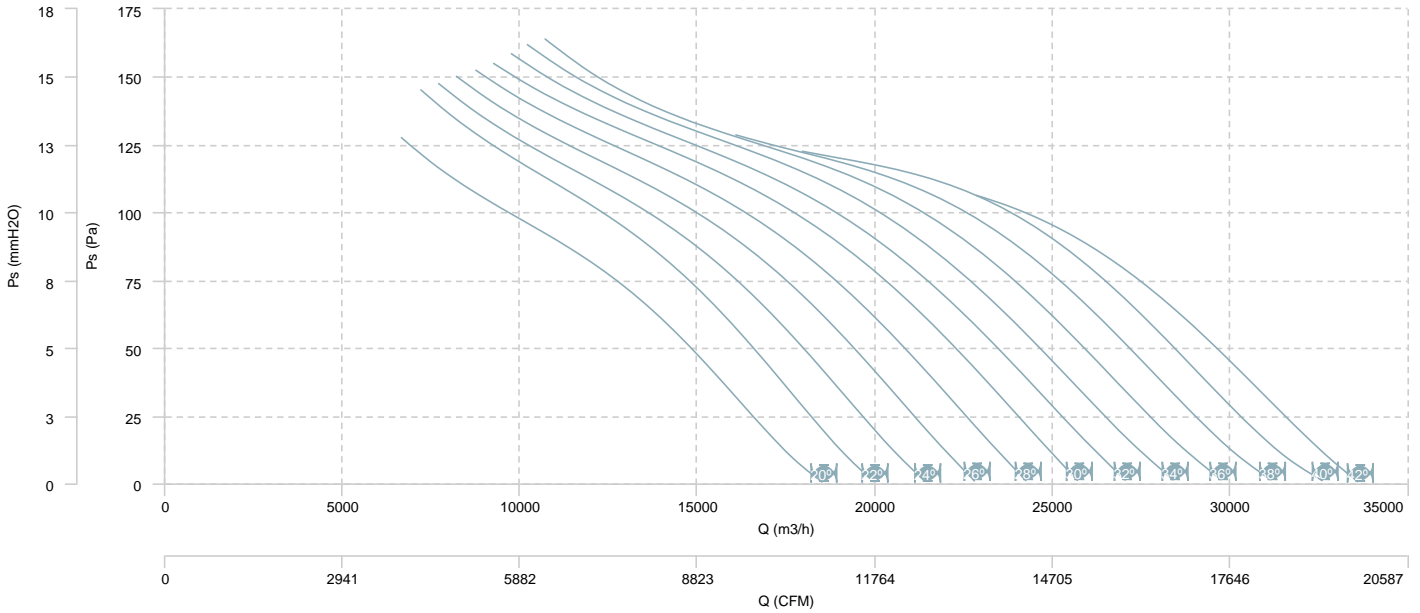


AIR FLOW - MECHANICAL POWER (4 poles)

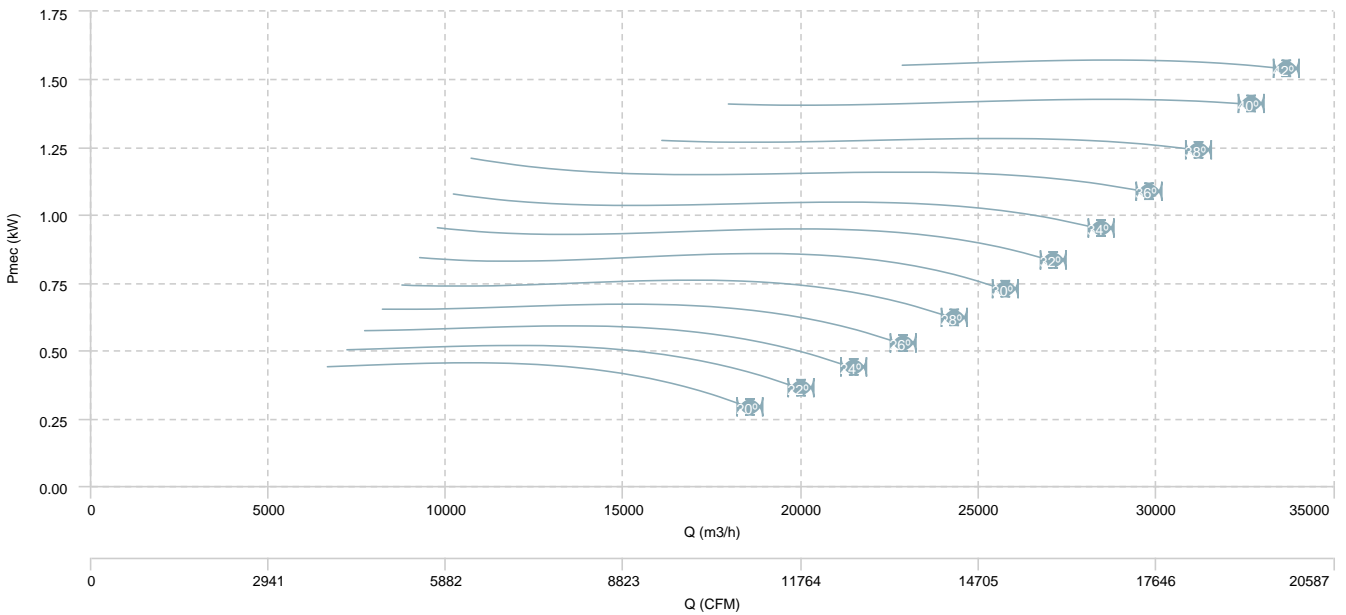


HBFX 100 T4/T8 (A3:4) F400

AIR FLOW - PRESSURE (8 poles)

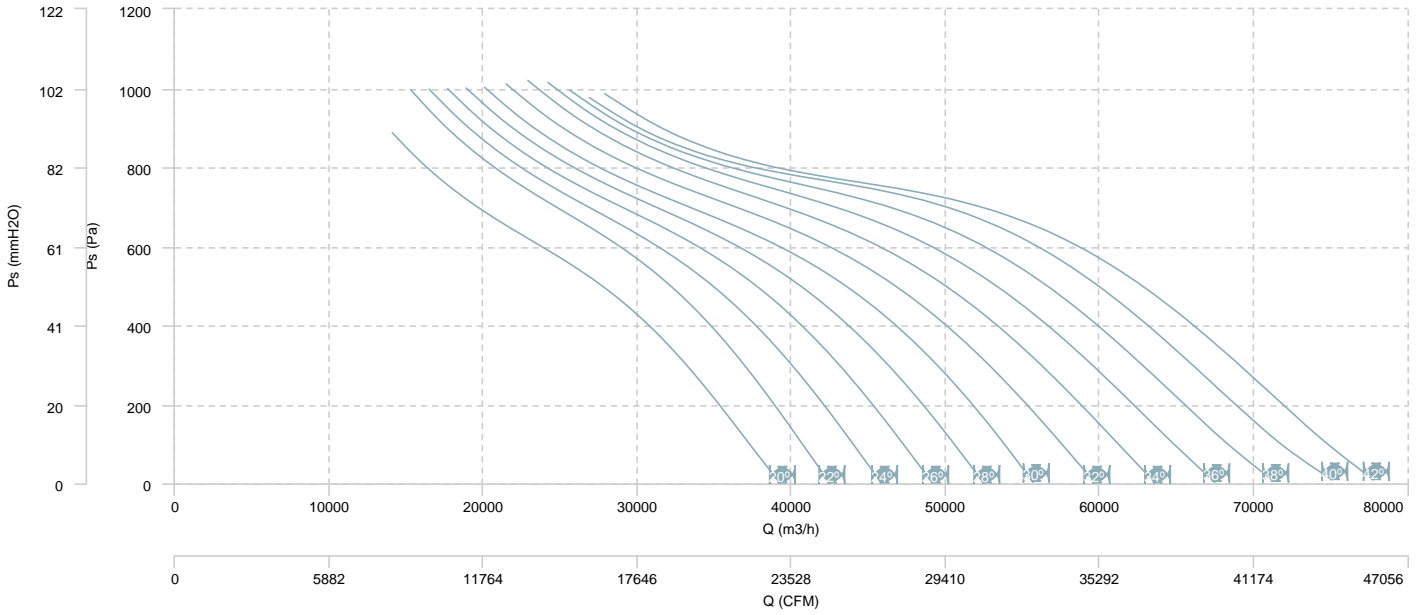


AIR FLOW - MECHANICAL POWER (8 poles)

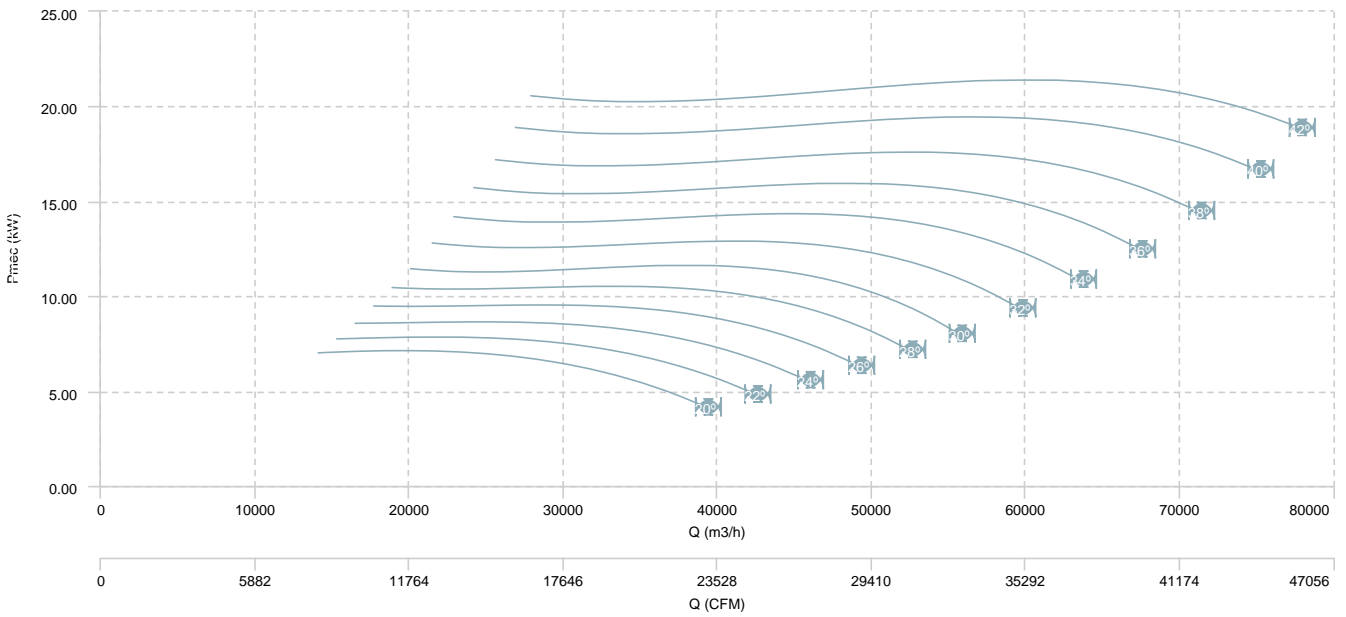


HBFX 100 T4/T8 (A3:8) F400

AIR FLOW - PRESSURE (4 poles)

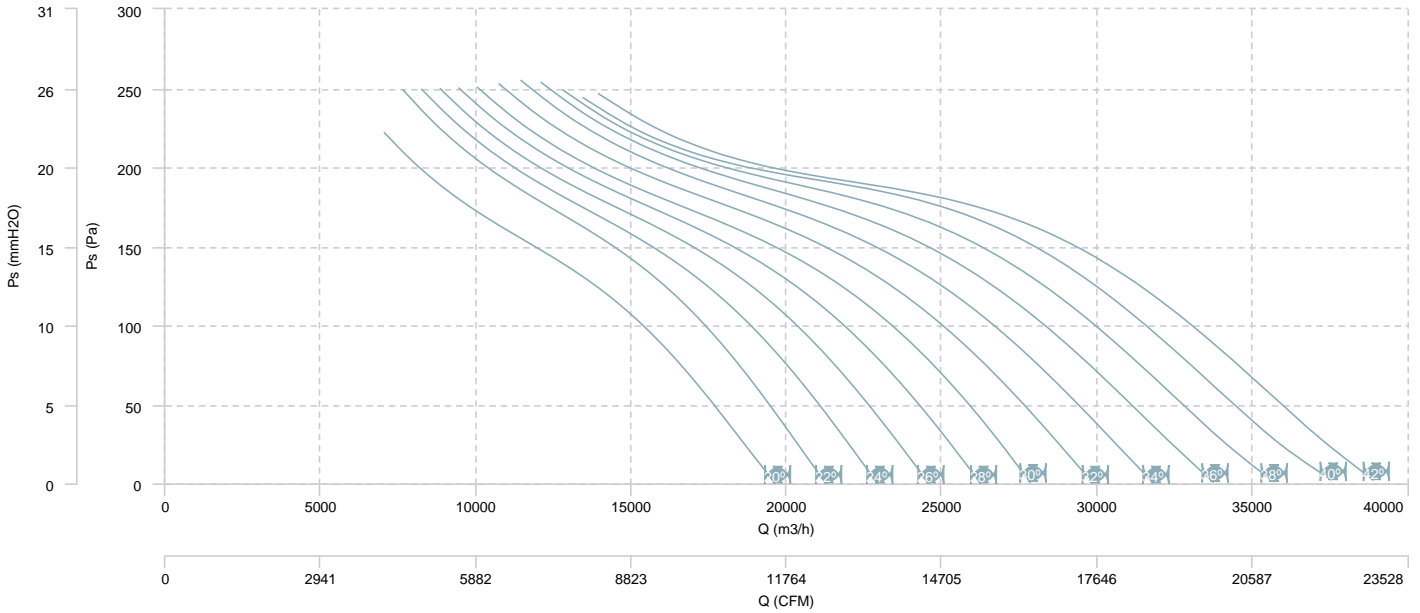


AIR FLOW - MECHANICAL POWER (4 poles)

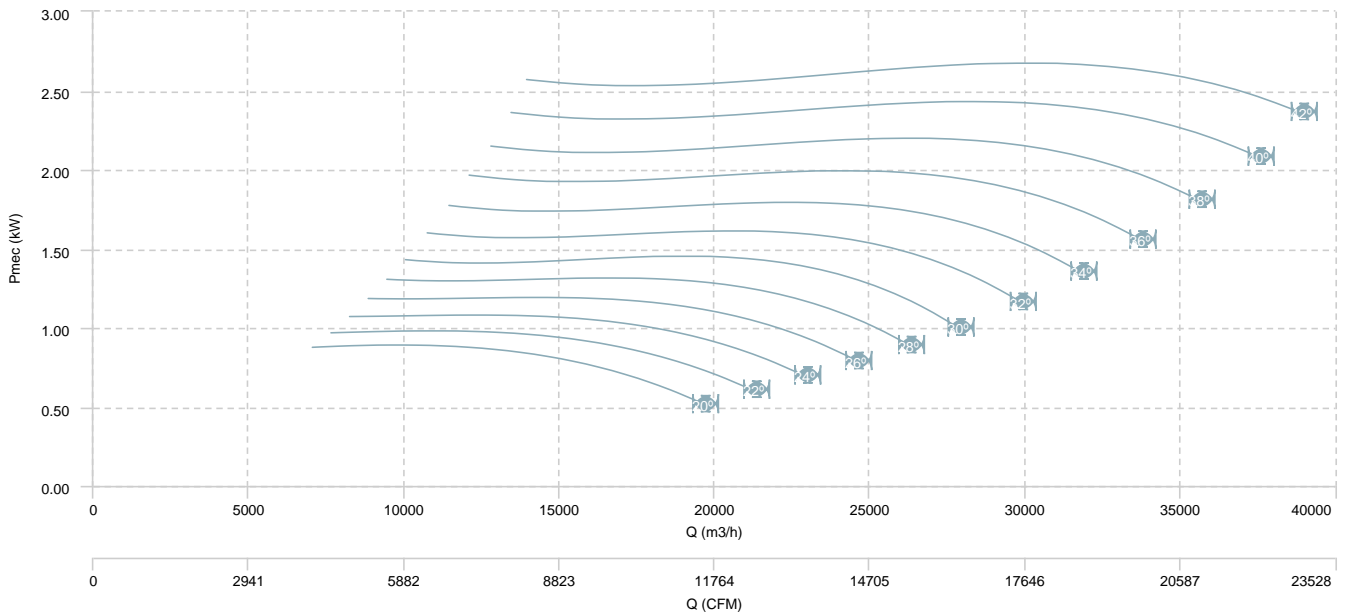


HBFX 100 T4/T8 (A3:8) F400

AIR FLOW - PRESSURE (8 poles)



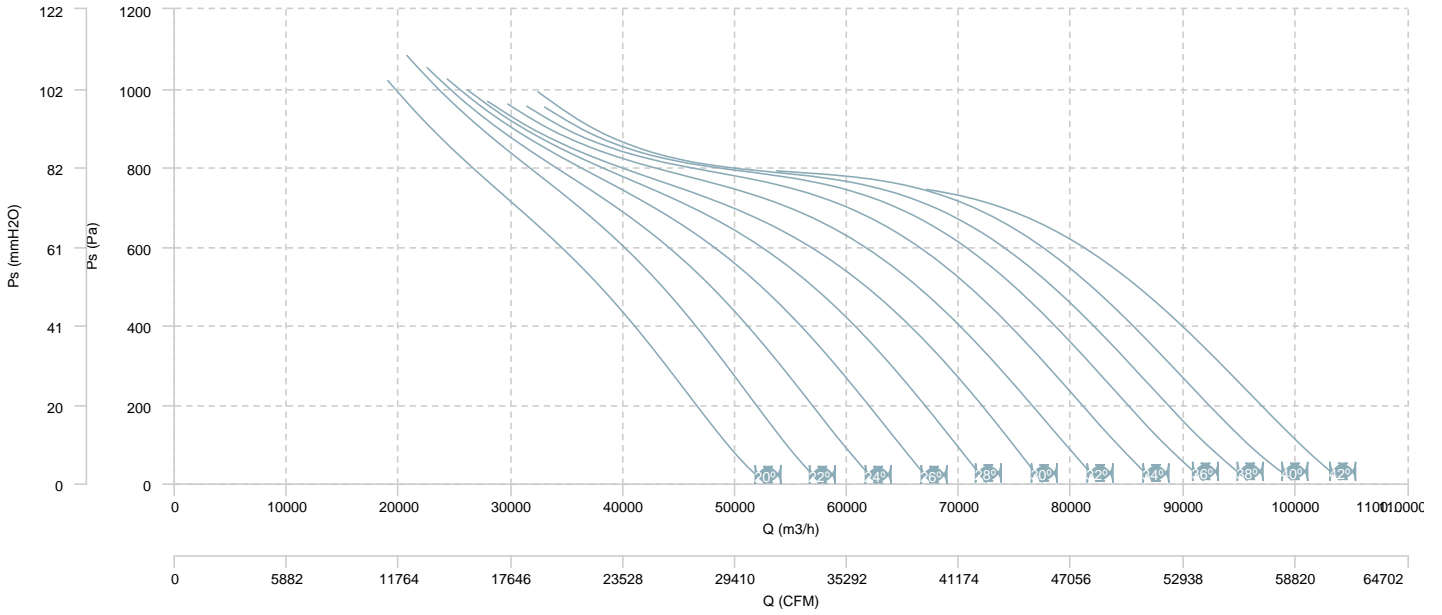
AIR FLOW - MECHANICAL POWER (8 poles)



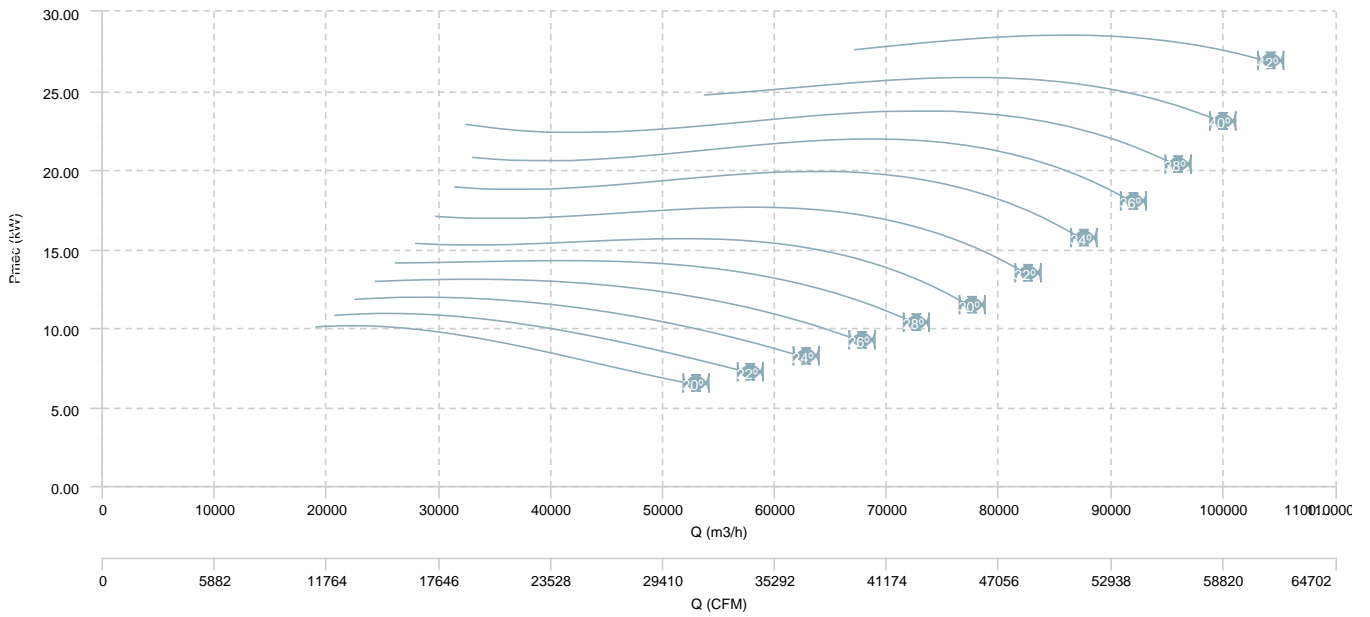


HBFX 112 T4 (A3:8) F400

**AIR FLOW - PRESSURE**

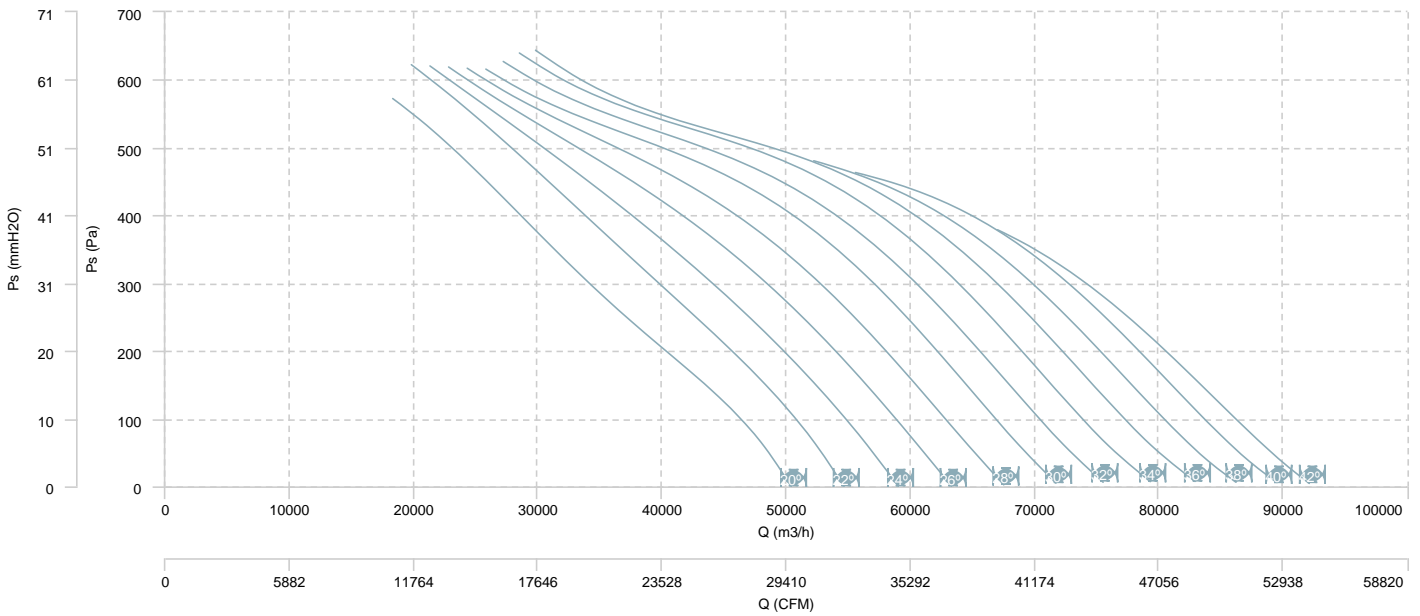


**AIR FLOW - MECHANICAL POWER**

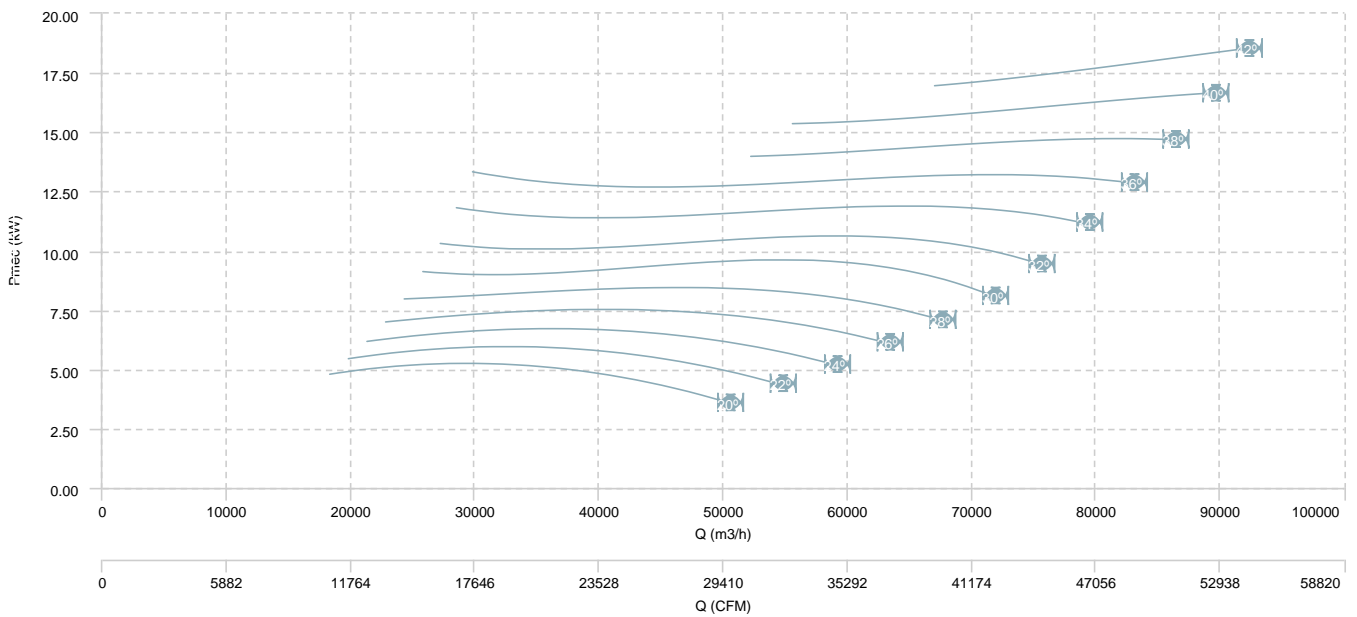


HBFX 112 T4 (A3:4) F400

AIR FLOW - PRESSURE

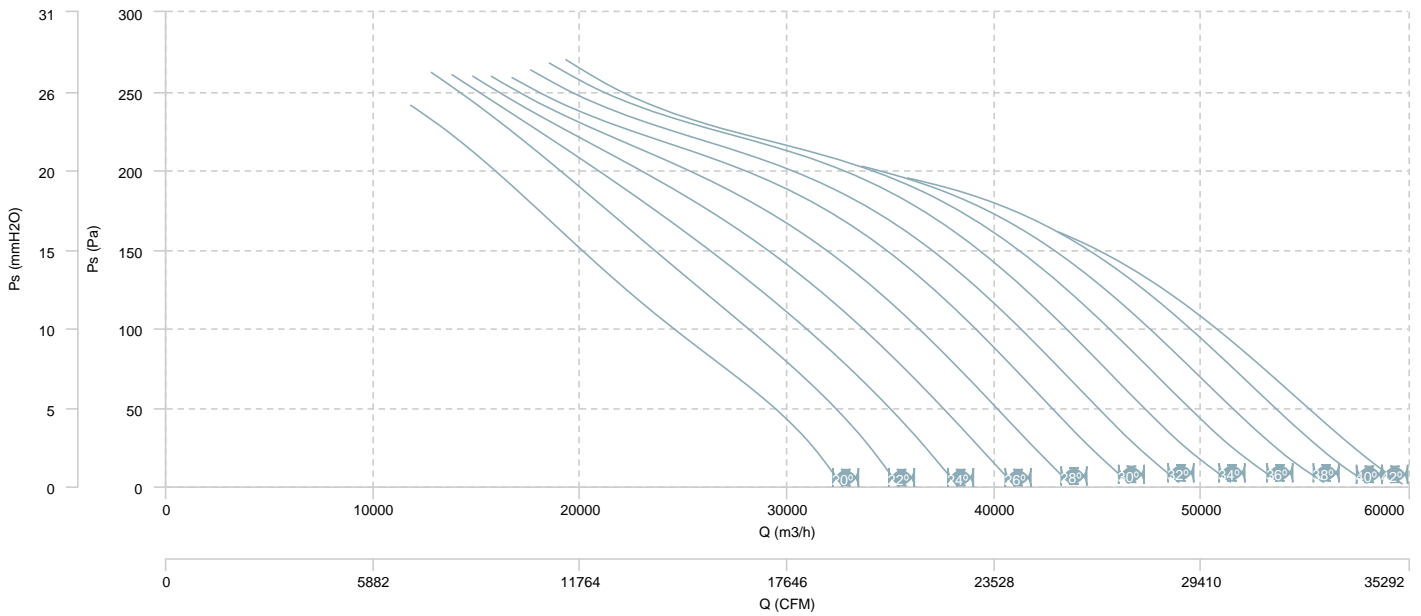


AIR FLOW - MECHANICAL POWER

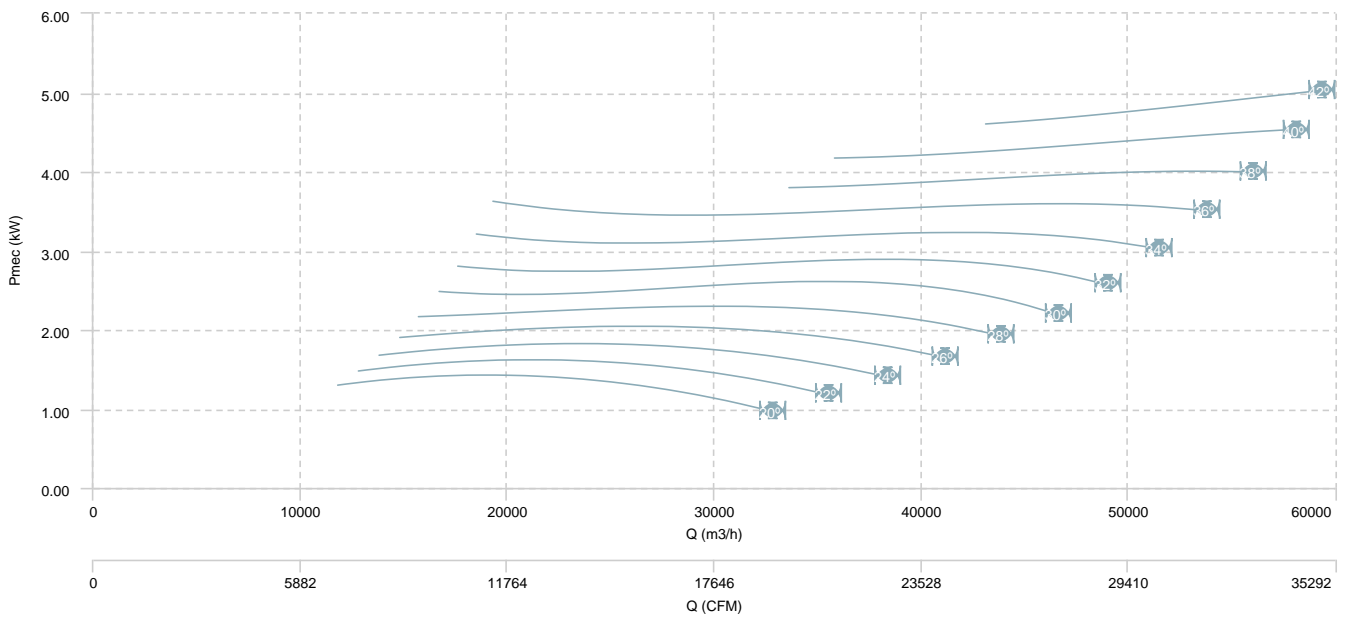


HBFX 112 T6 (A3:4) F400

**AIR FLOW - PRESSURE**

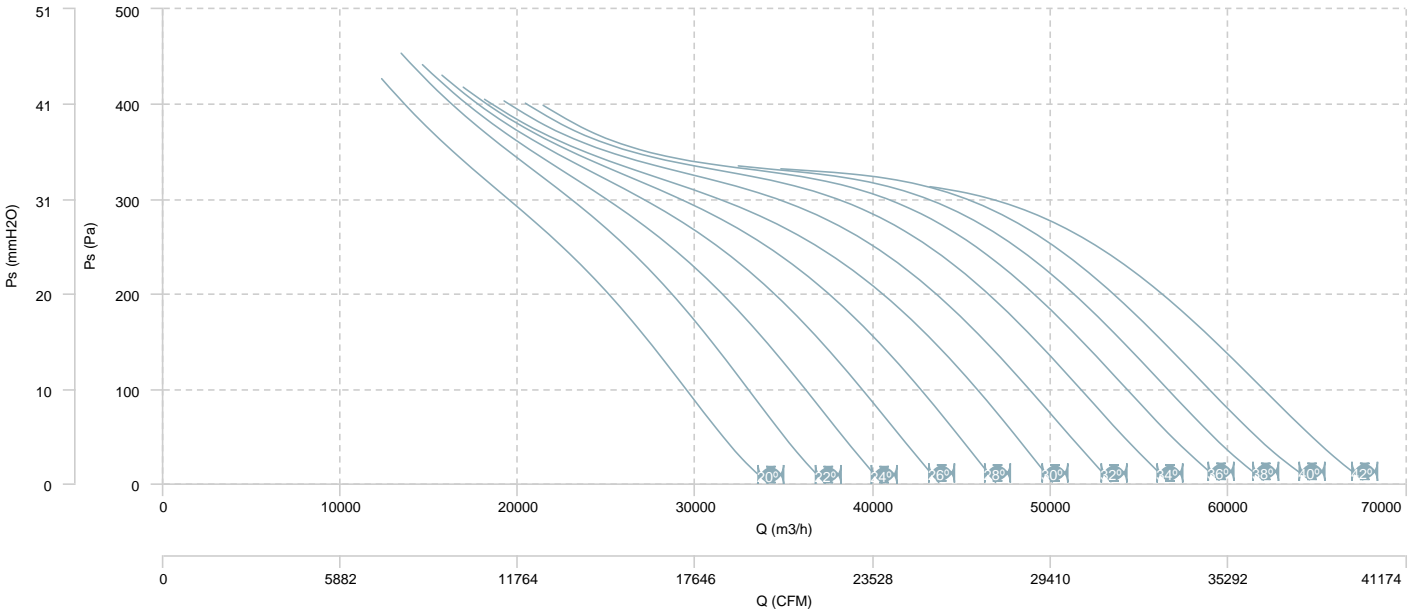


**AIR FLOW - MECHANICAL POWER**

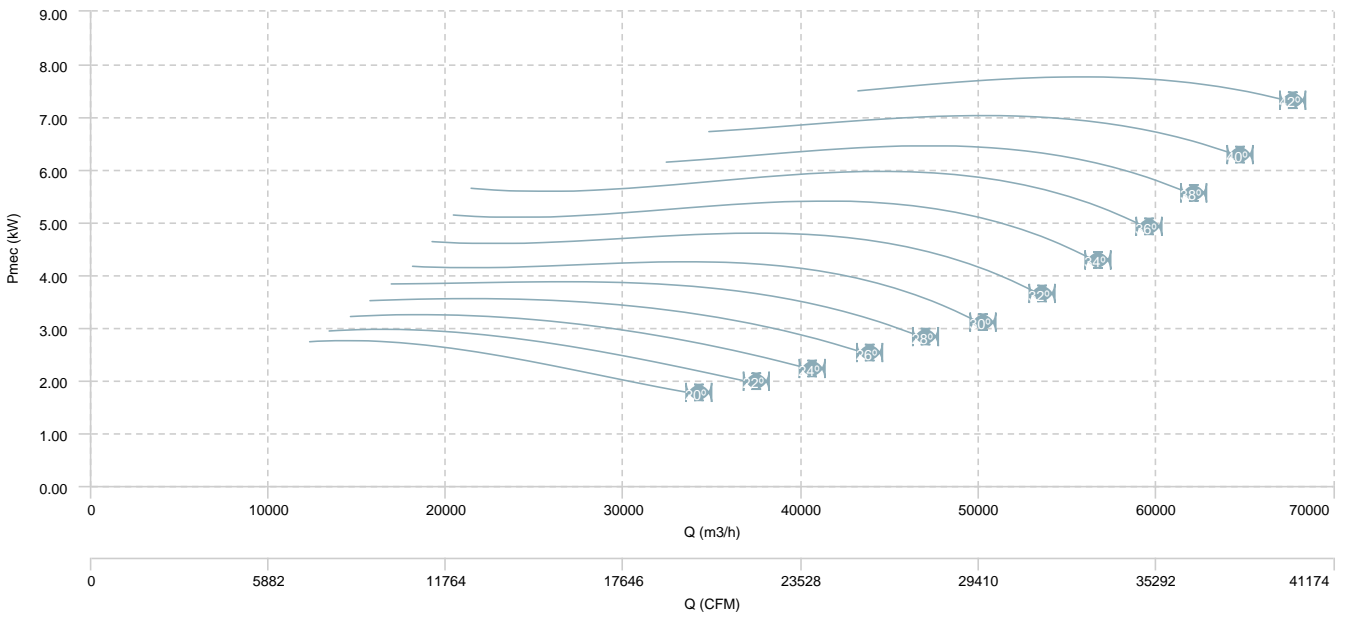


HBFX 112 T6 (A3:8) F400

**AIR FLOW - PRESSURE**

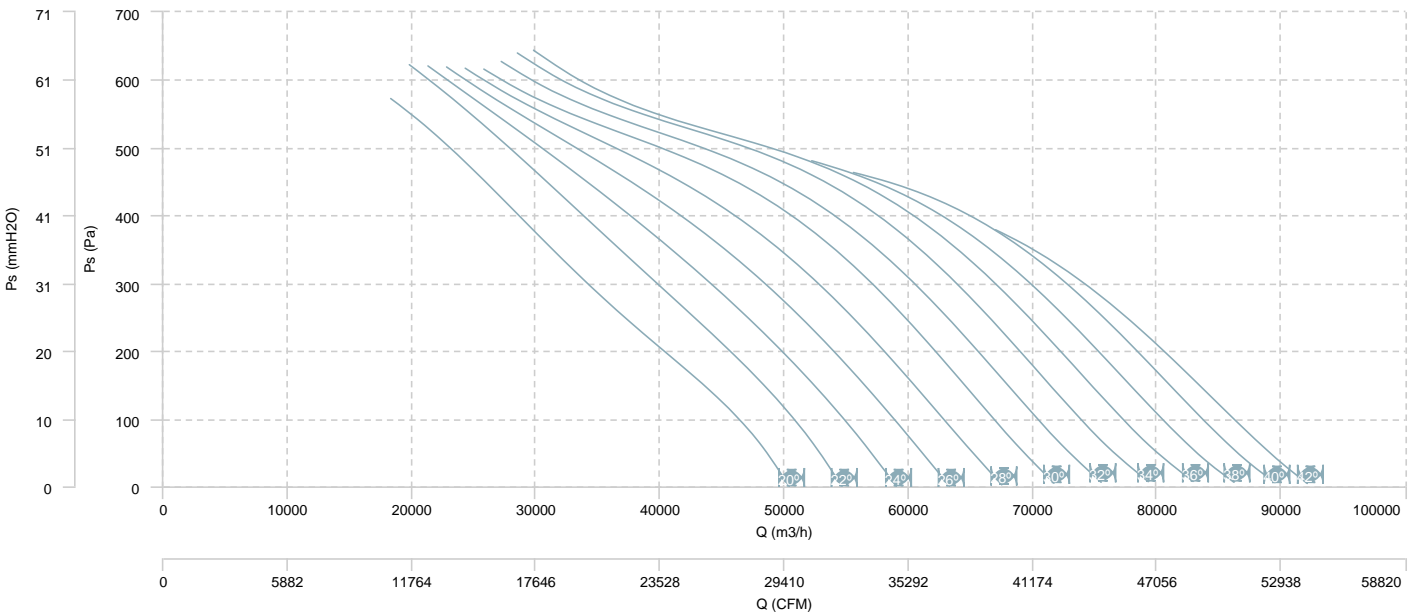


**AIR FLOW - MECHANICAL POWER**

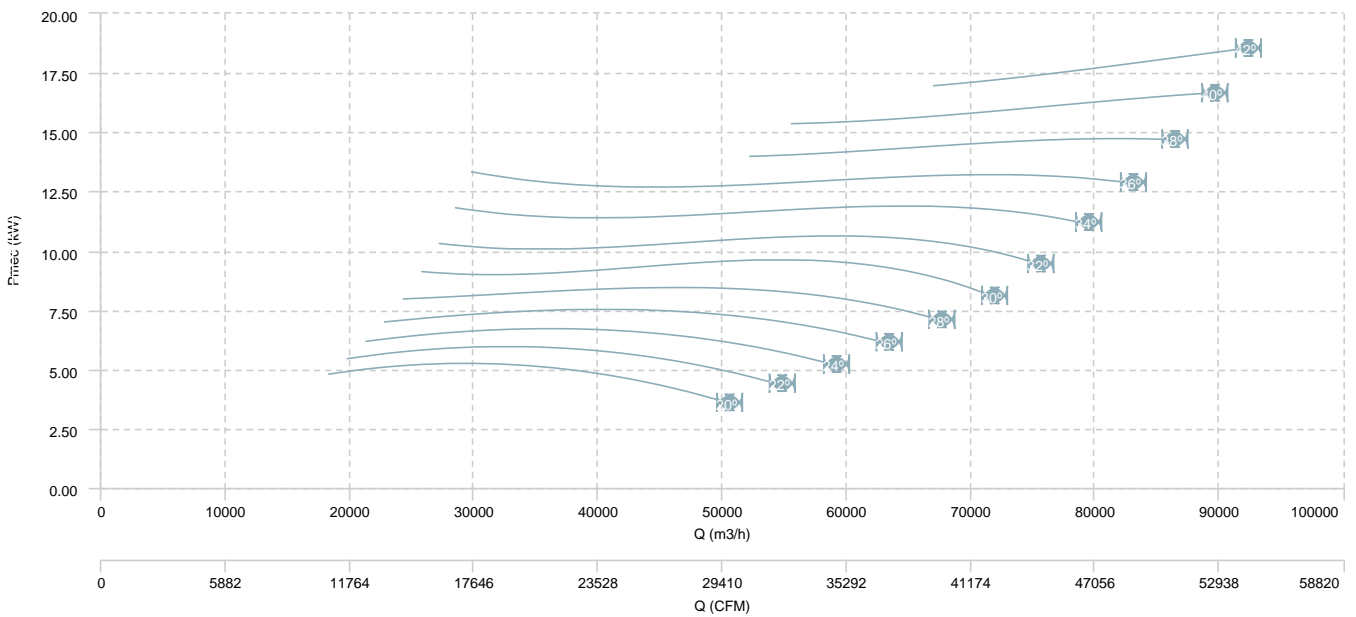


HBFX 112 T4/T8 (A3:4) F400

AIR FLOW - PRESSURE (4 poles)

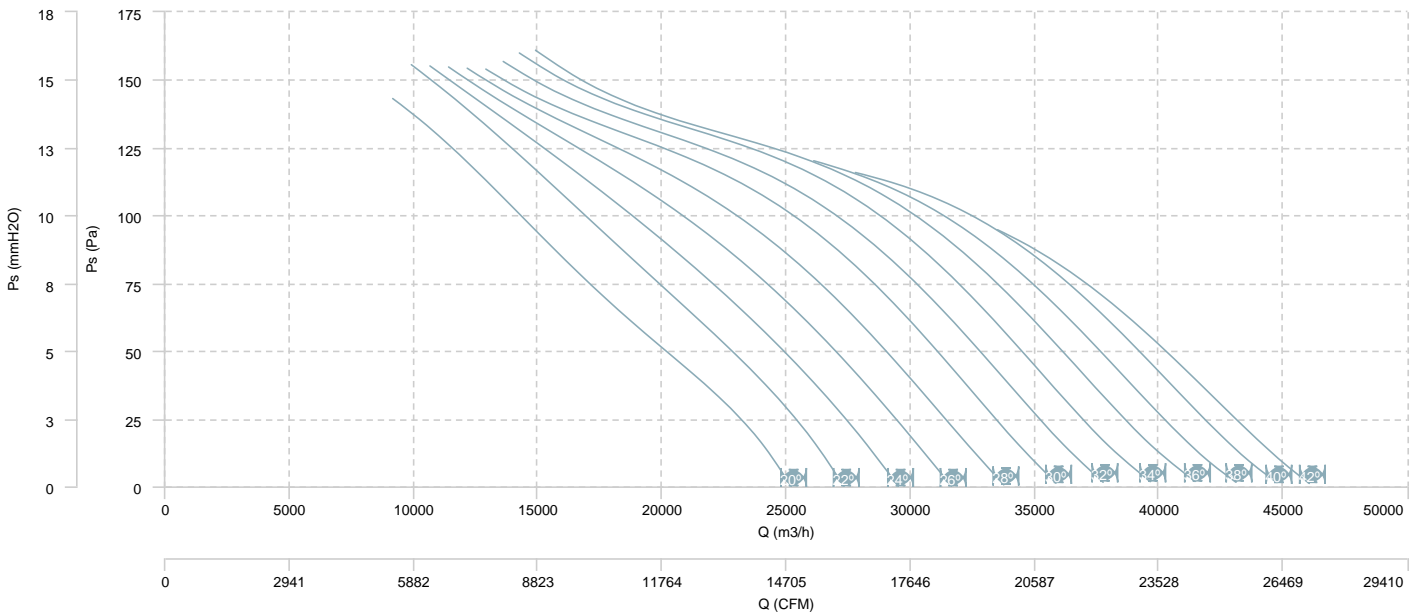


AIR FLOW - MECHANICAL POWER (4 poles)

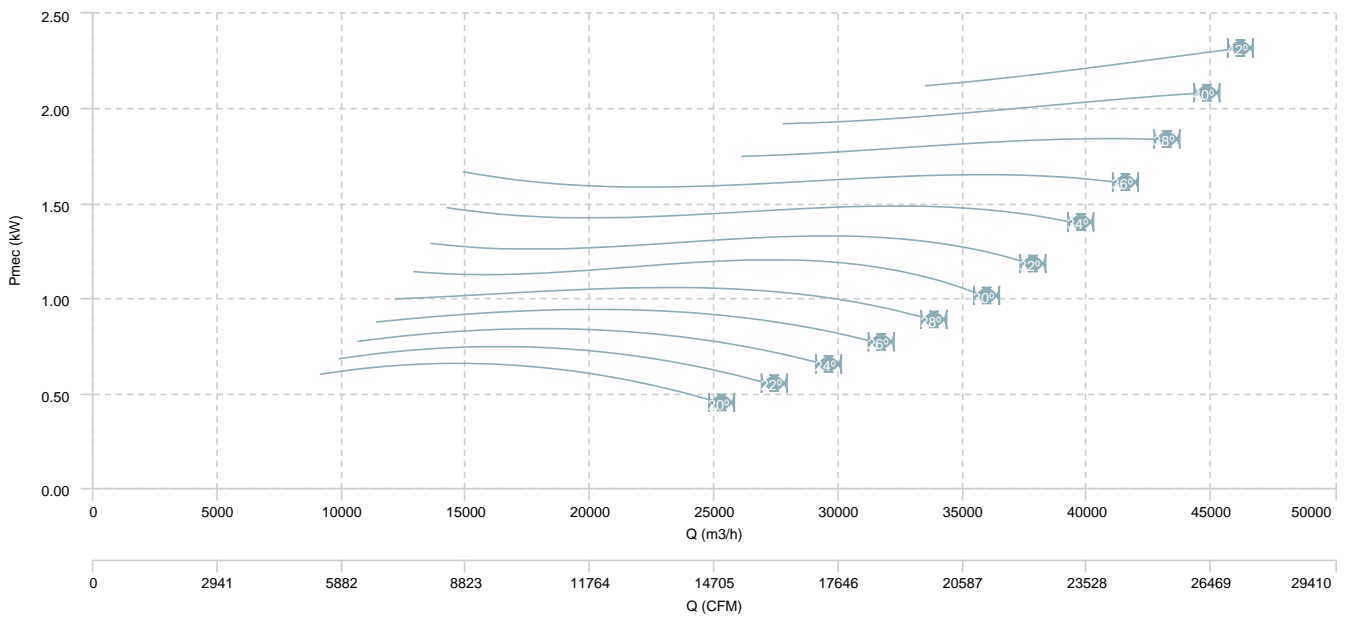


HBFX 112 T4/T8 (A3:4) F400

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

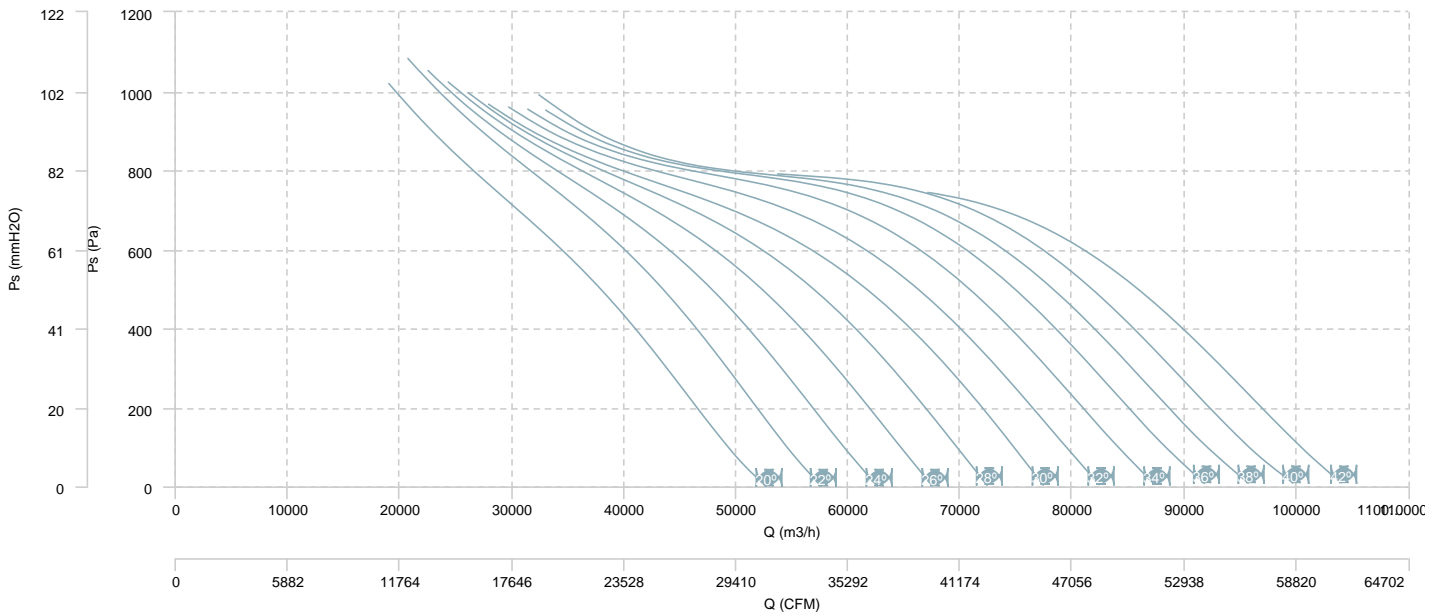


**AIR FLOW - MECHANICAL POWER (8 poles)**

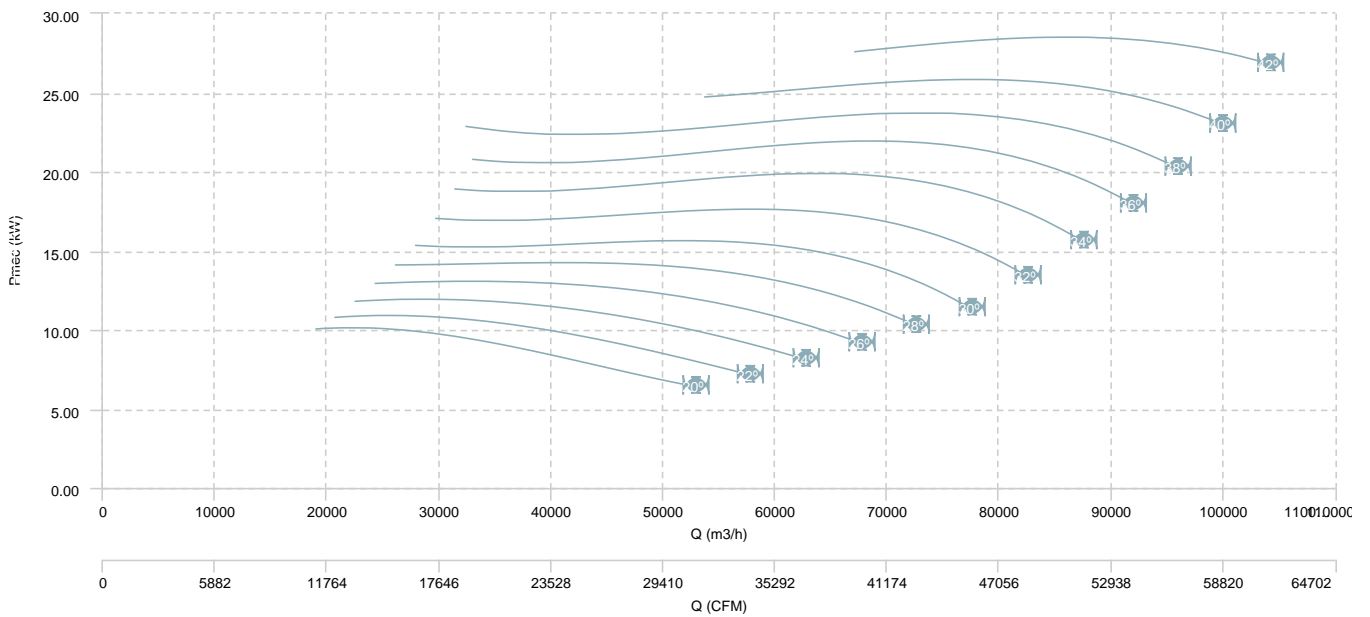


HBFX 112 T4/T8 (A3:8) F400

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

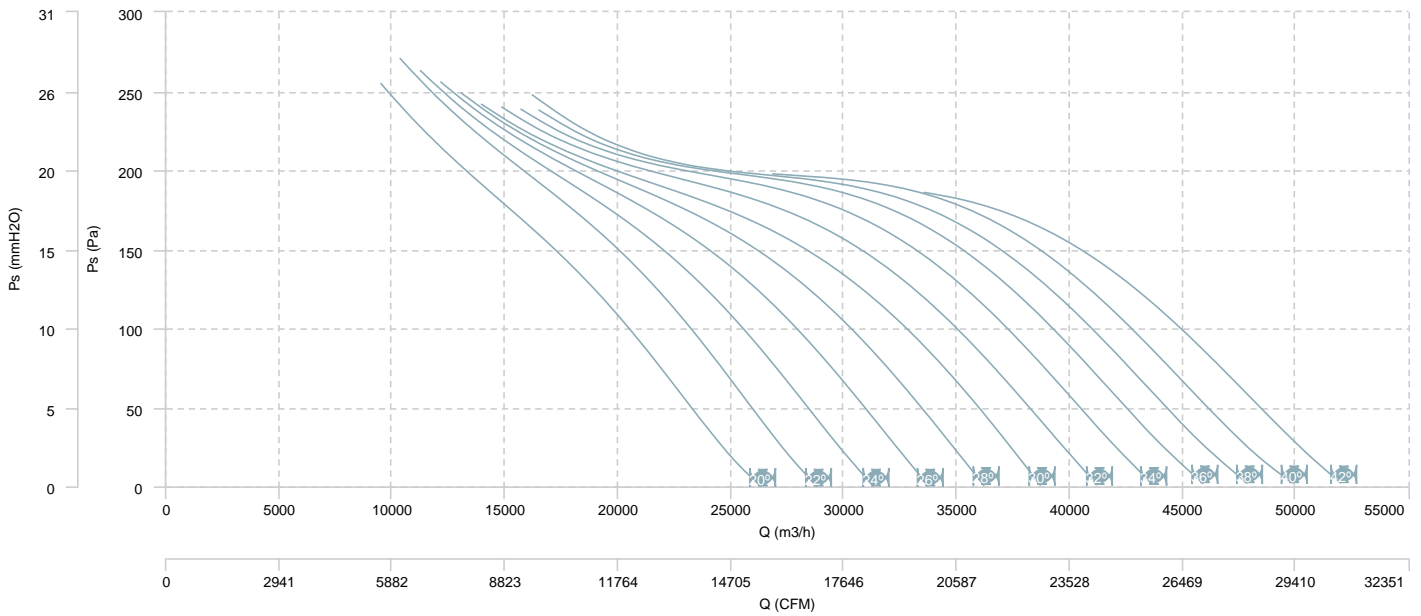


**AIR FLOW - MECHANICAL POWER (4 poles)**

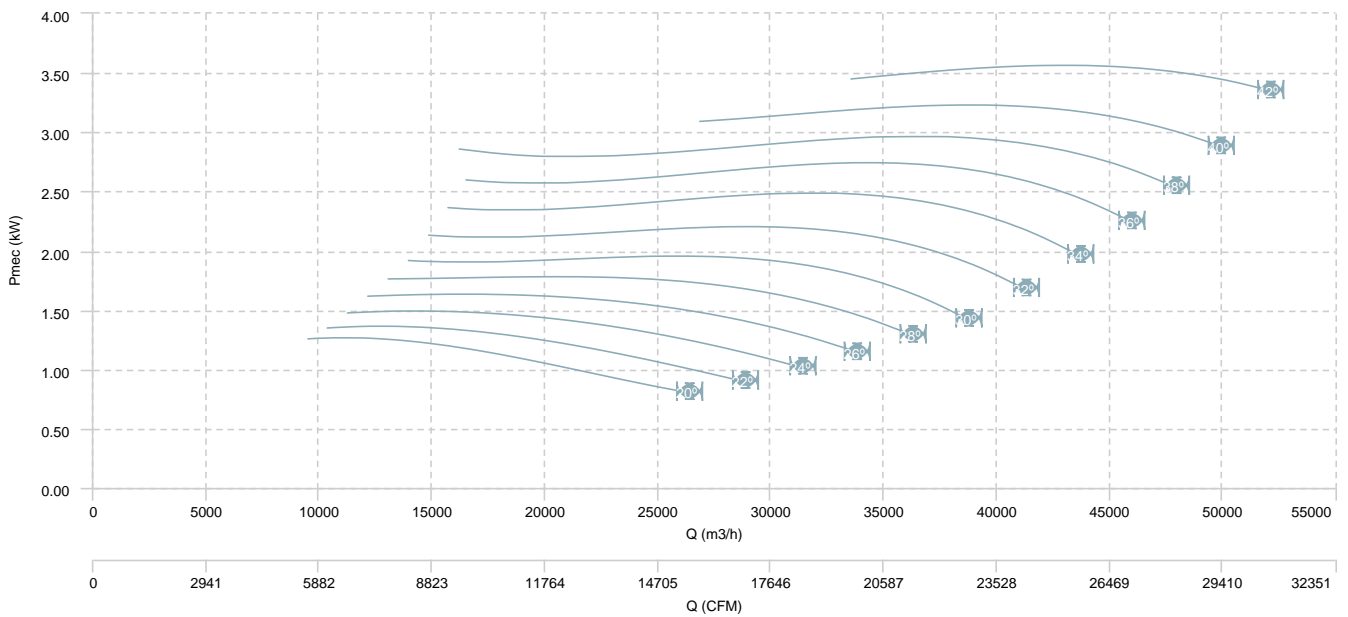


HBFX 112 T4/T8 (A3:8) F400

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



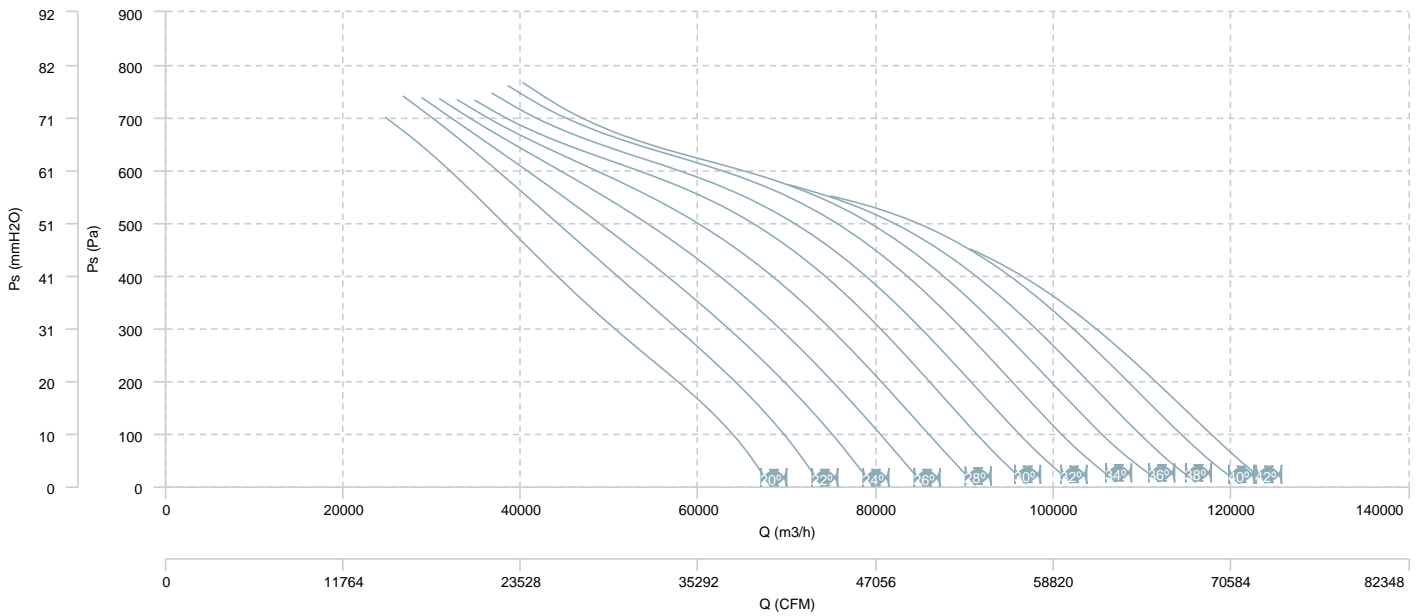
**AIR FLOW - MECHANICAL POWER (8 poles)**



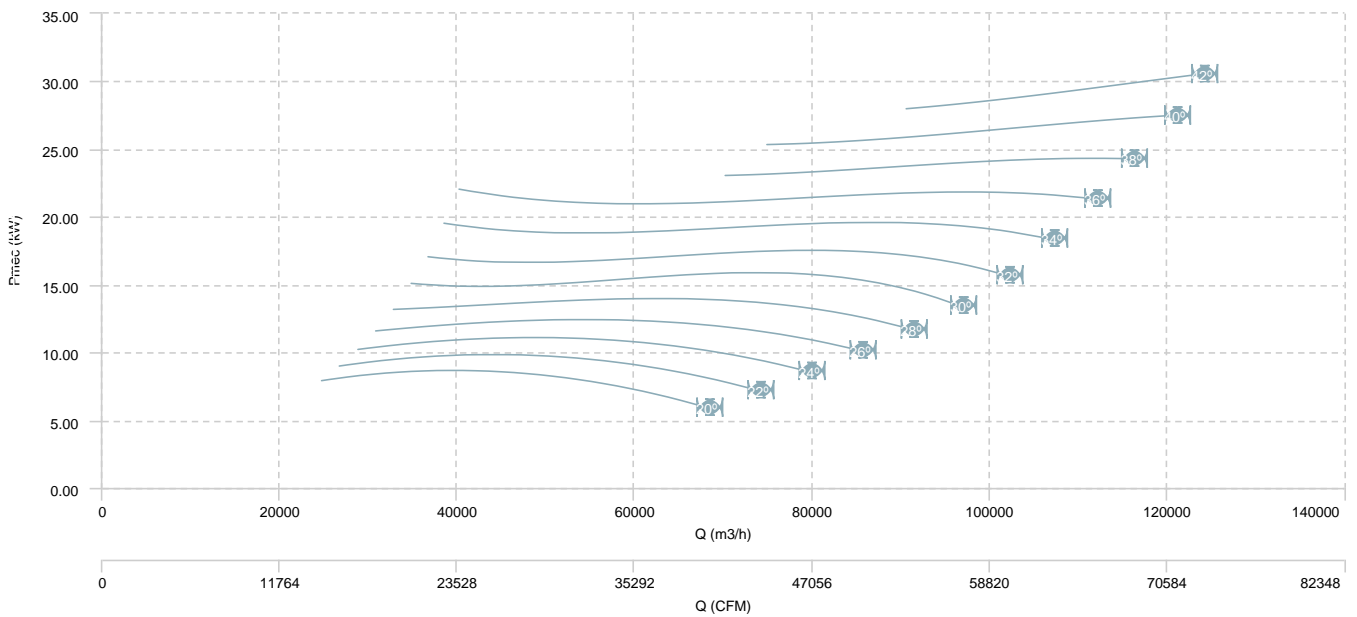


HBFX 125 T4 (A3:4) F400

**AIR FLOW - PRESSURE**

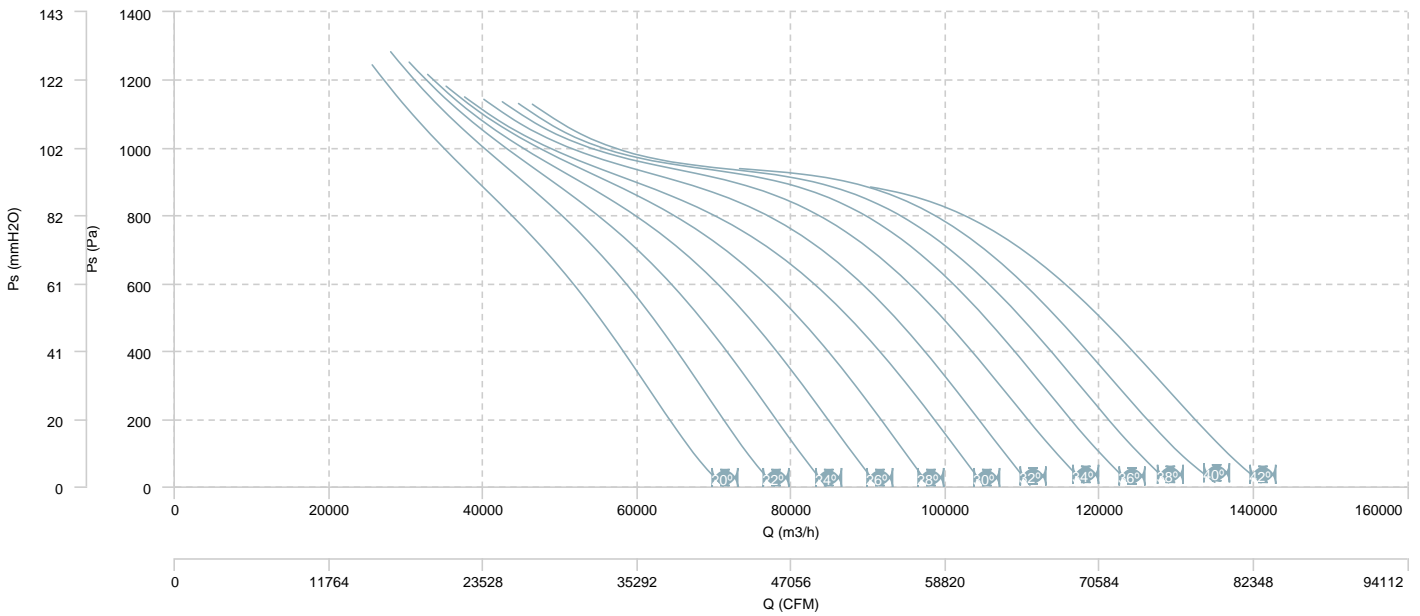


**AIR FLOW - MECHANICAL POWER**

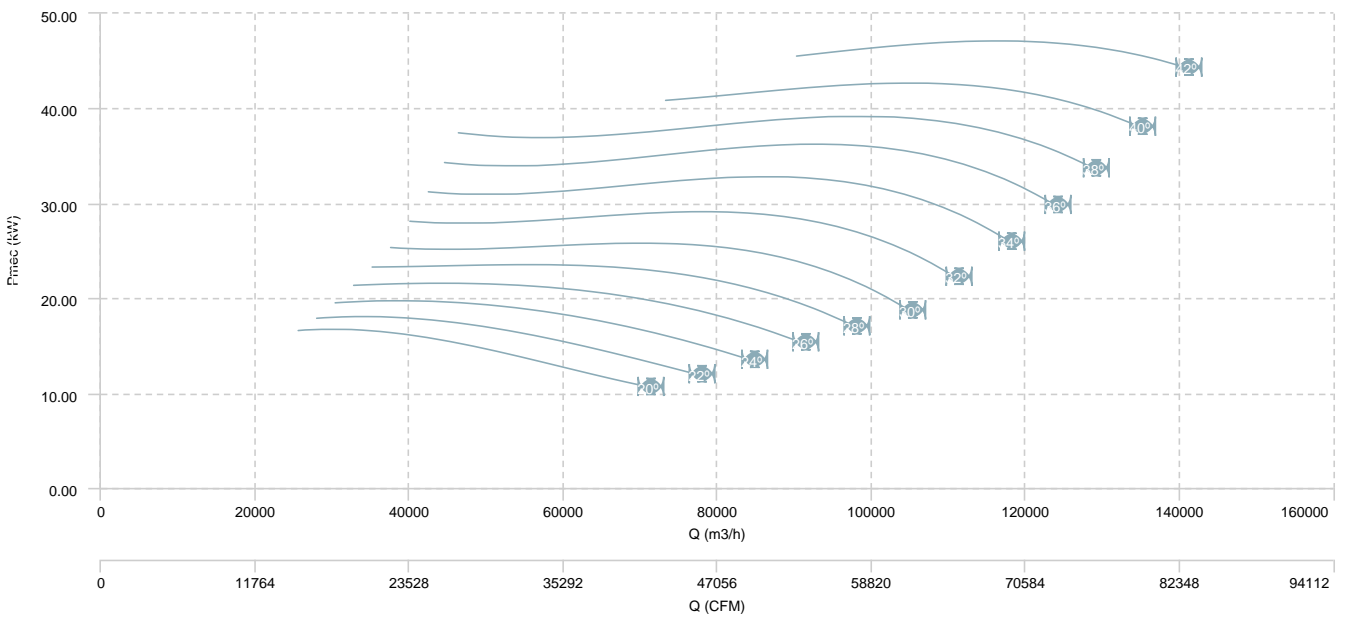


HBFX 125 T4 (A3:8) F400

**AIR FLOW - PRESSURE**

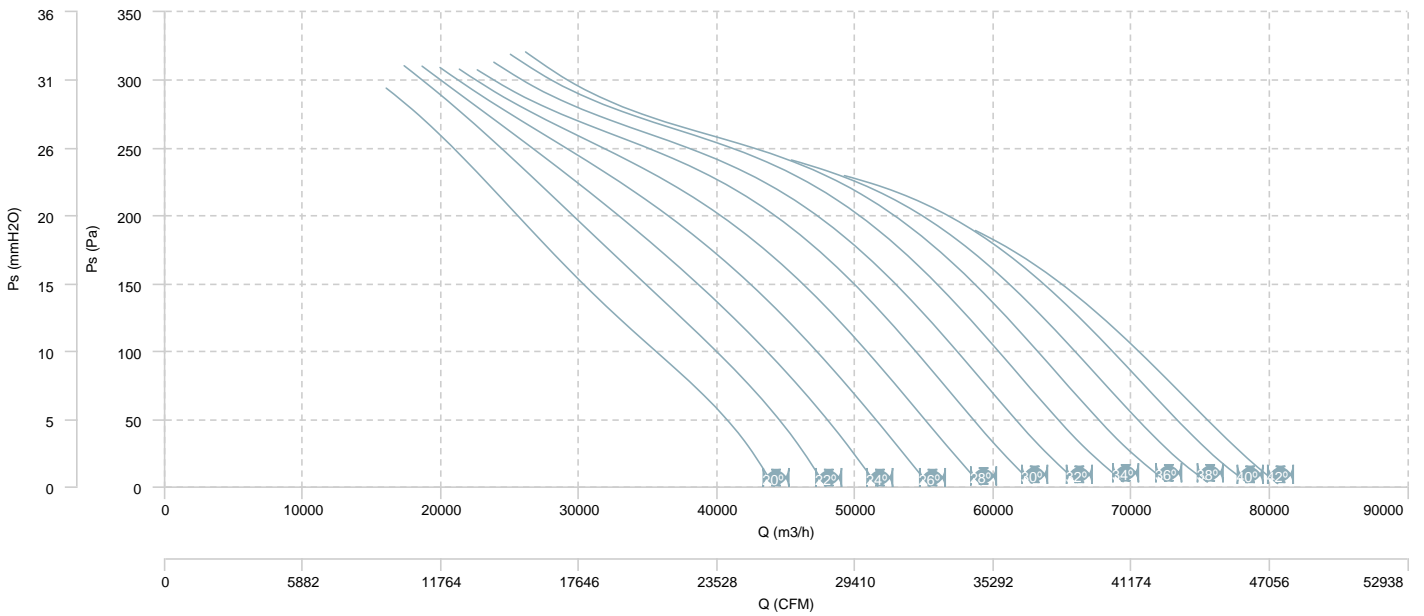


**AIR FLOW - MECHANICAL POWER**

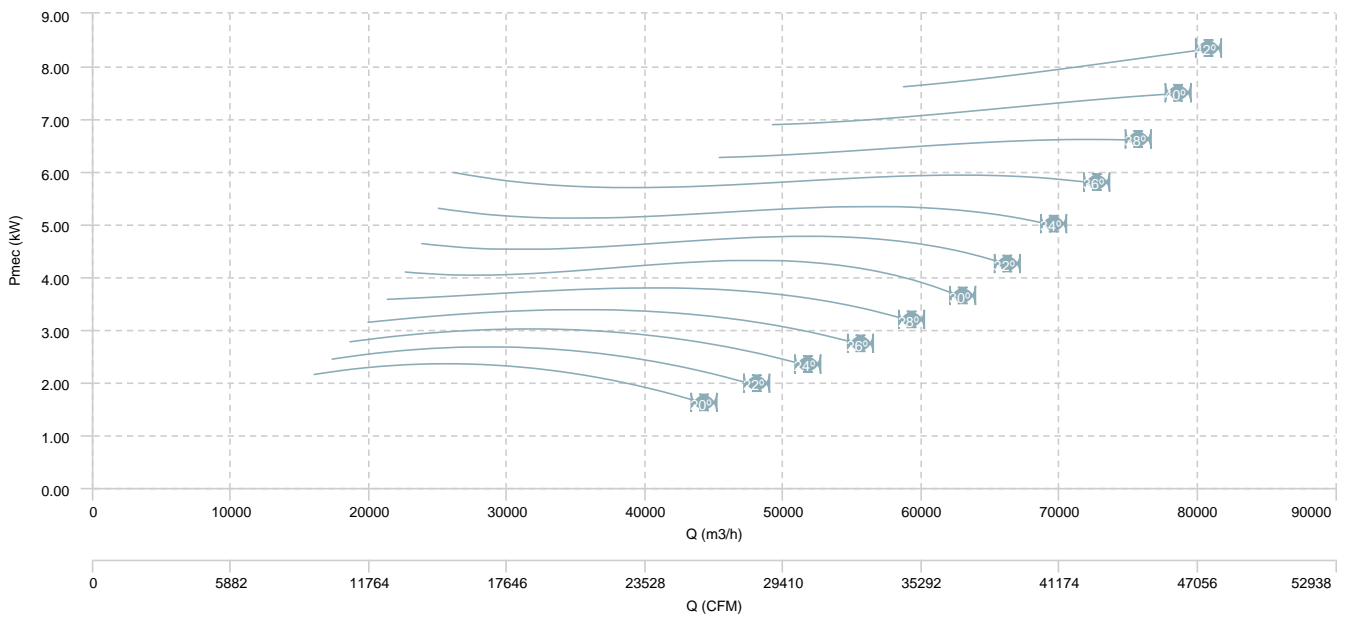


HBFX 125 T6 (A3:4) F400

**AIR FLOW - PRESSURE**

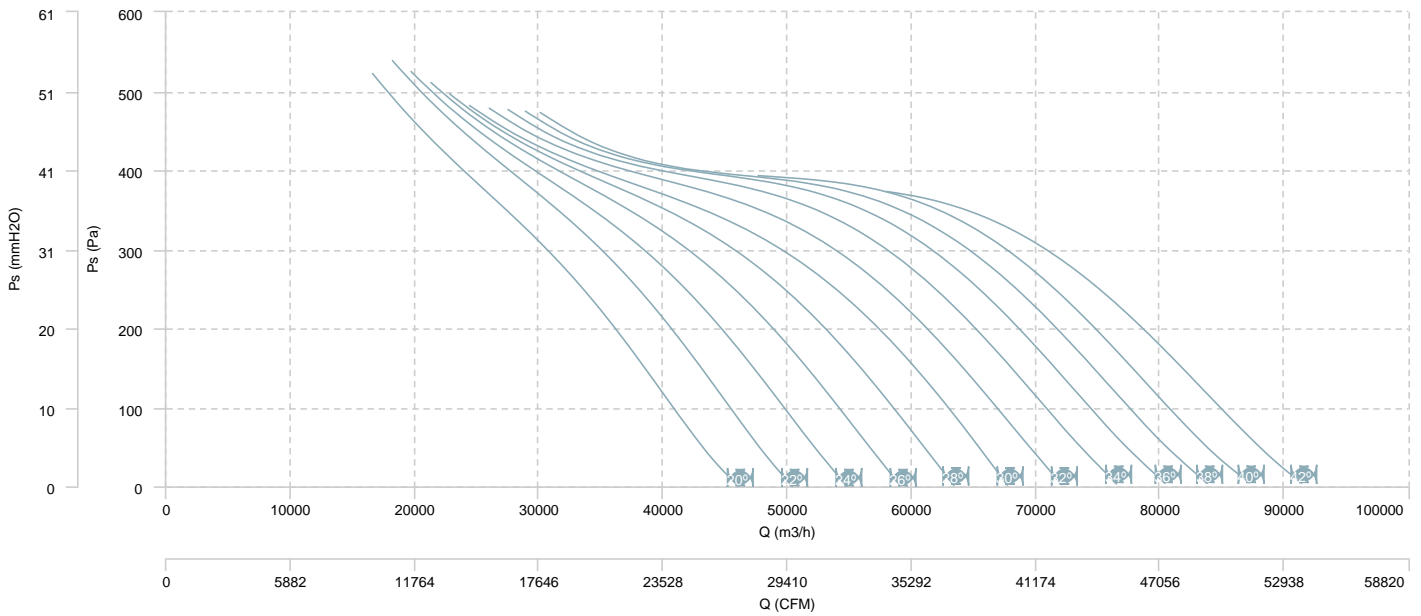


**AIR FLOW - MECHANICAL POWER**

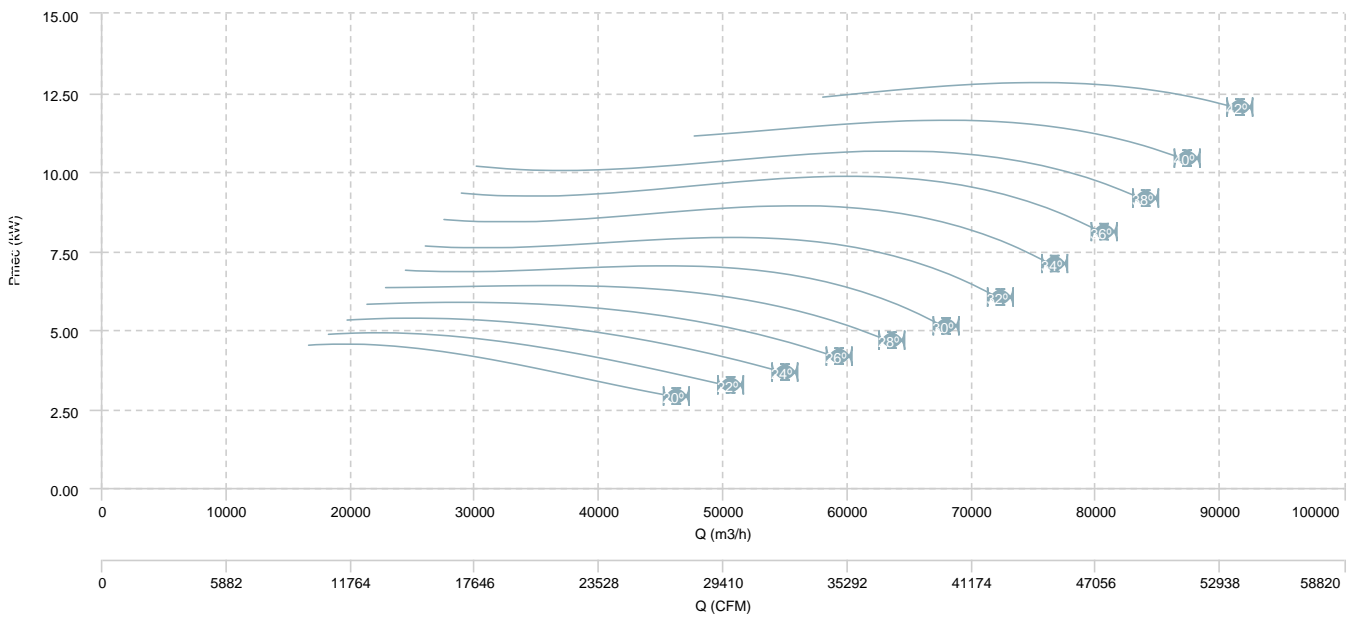


HBFX 125 T6 (A3:8) F400

**AIR FLOW - PRESSURE**

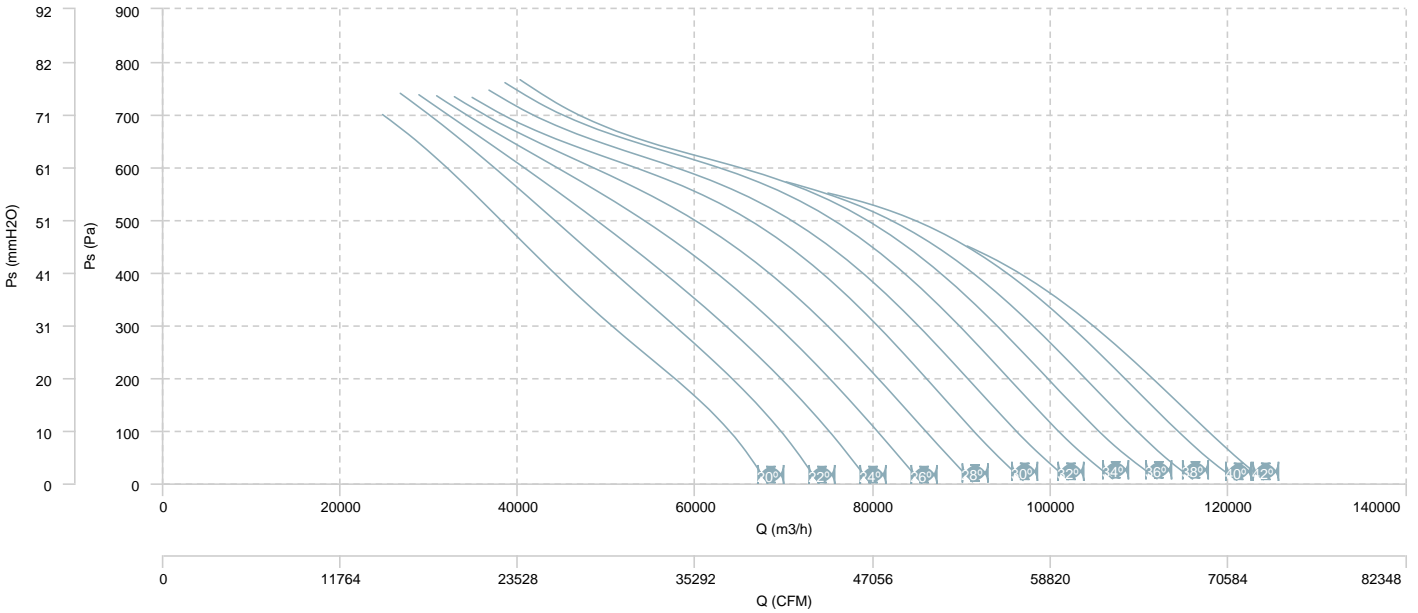


**AIR FLOW - MECHANICAL POWER**

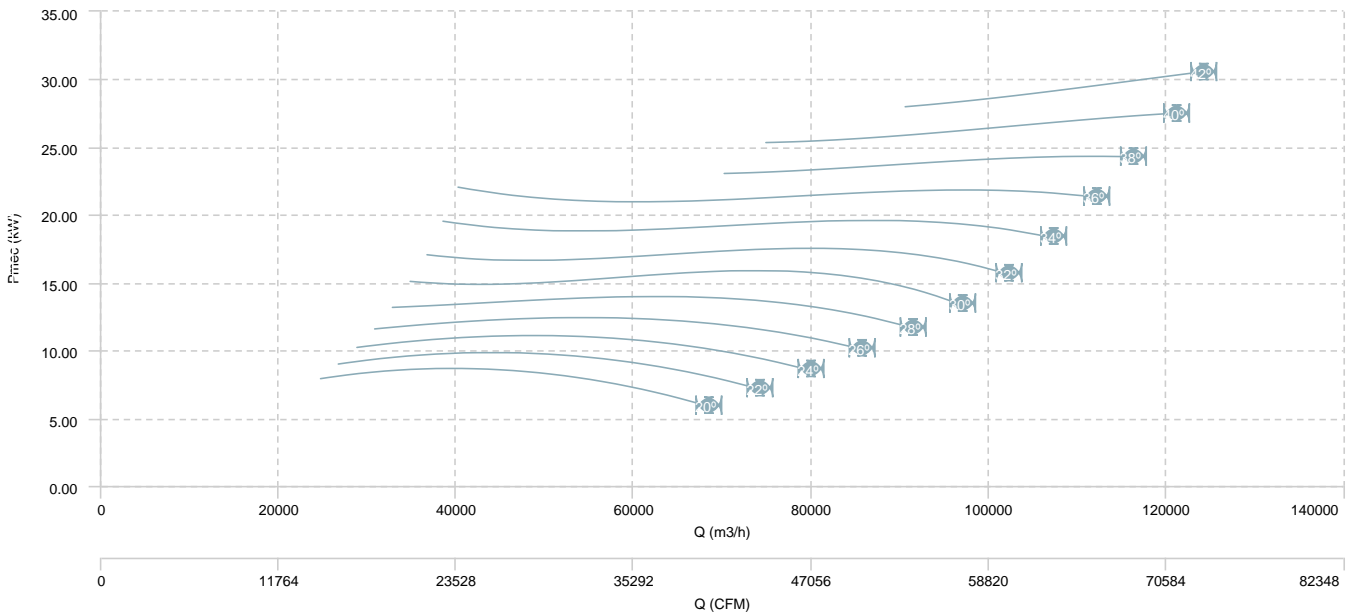


HBFX 125 T4/T8 (A3:4) F400

AIR FLOW - PRESSURE (4 poles)

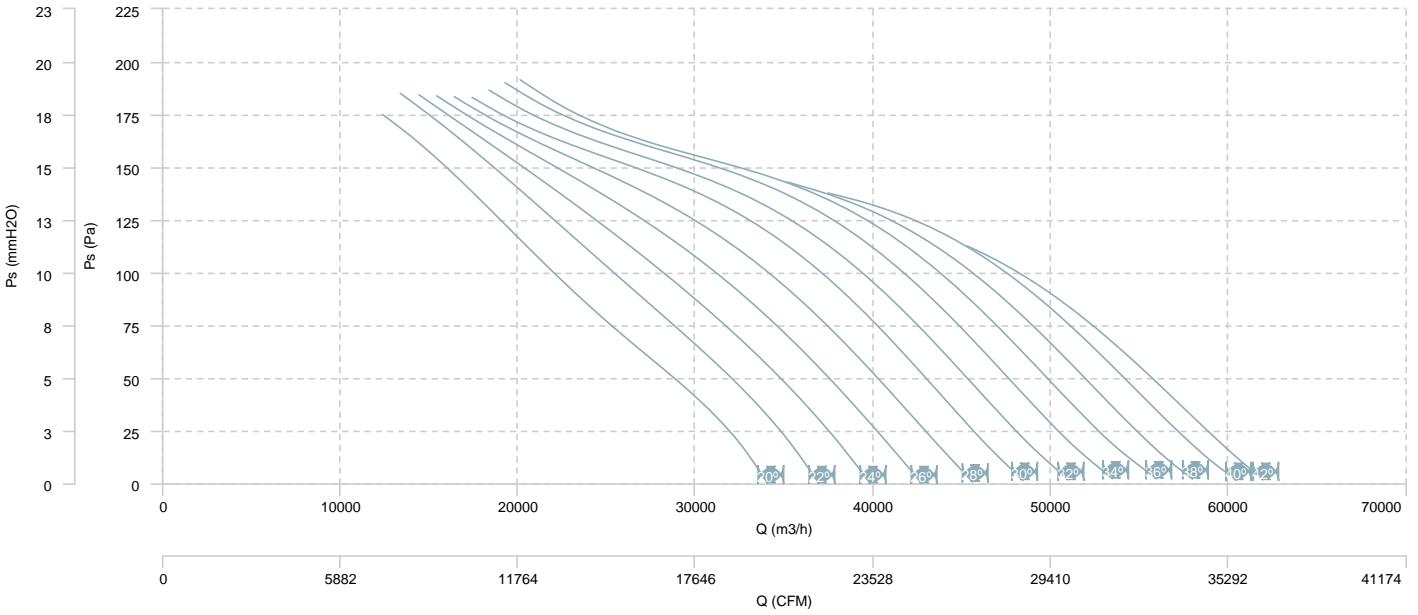


AIR FLOW - MECHANICAL POWER (4 poles)

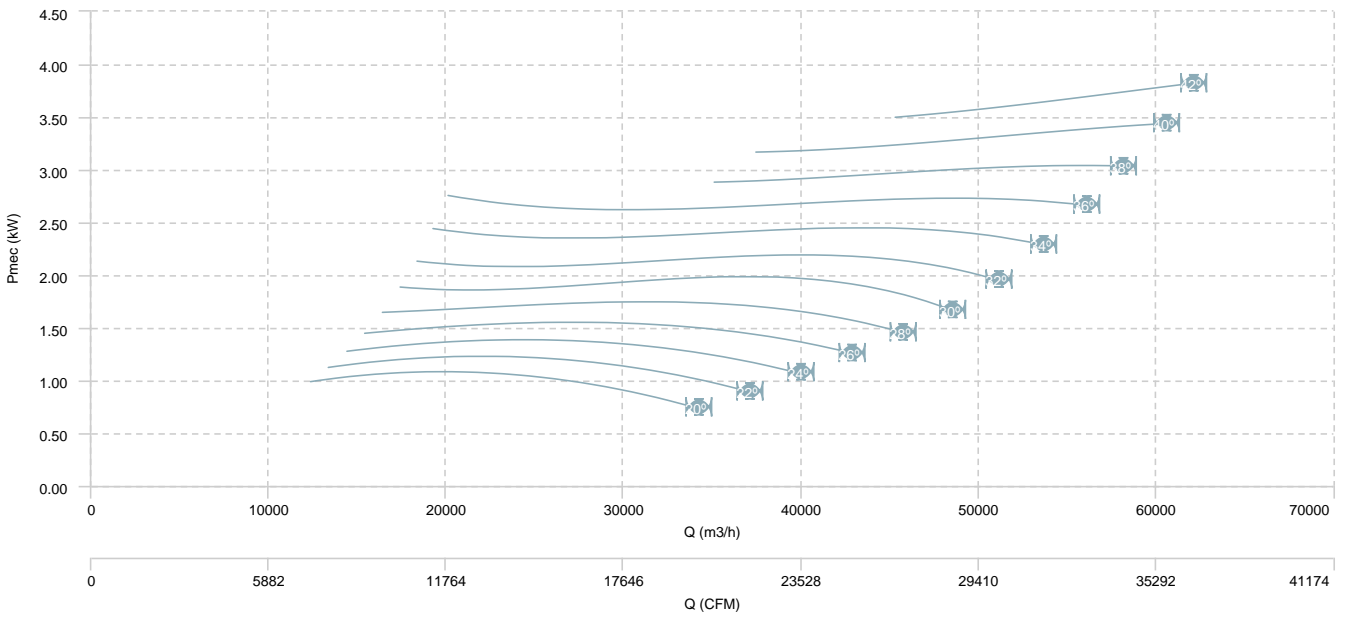


HBFX 125 T4/T8 (A3:4) F400

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

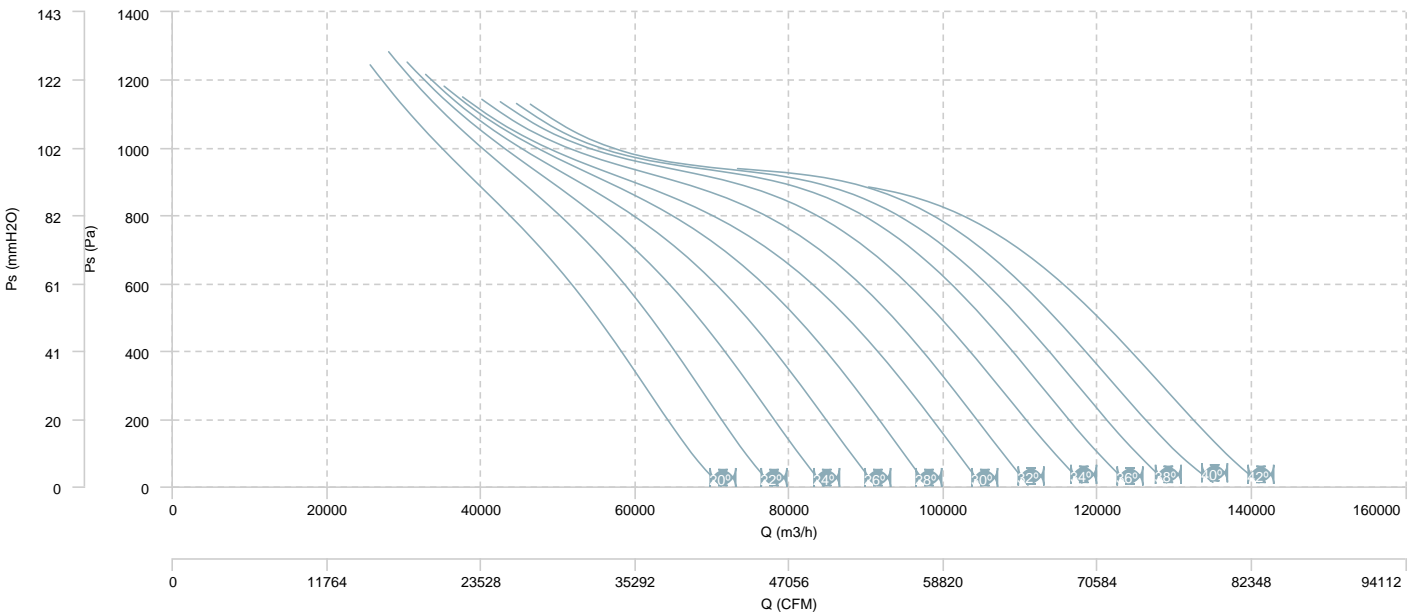


**AIR FLOW - MECHANICAL POWER (8 poles)**

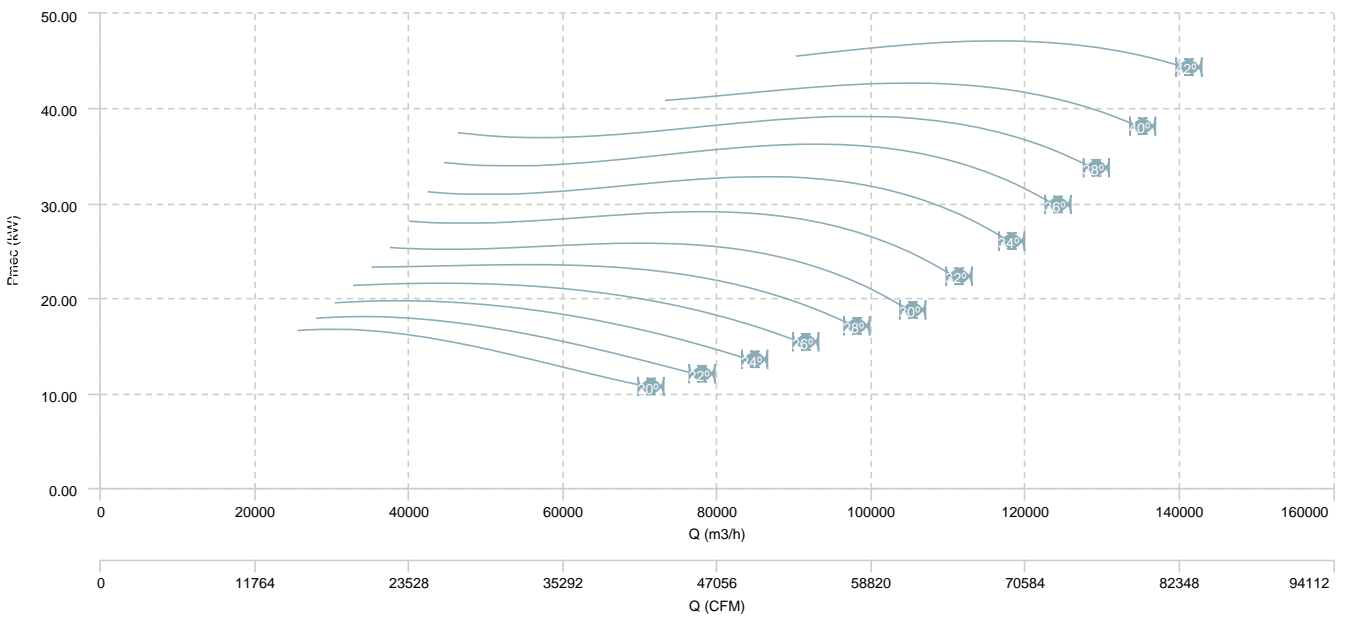


HBFX 125 T4/T8 (A3:8) F400

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

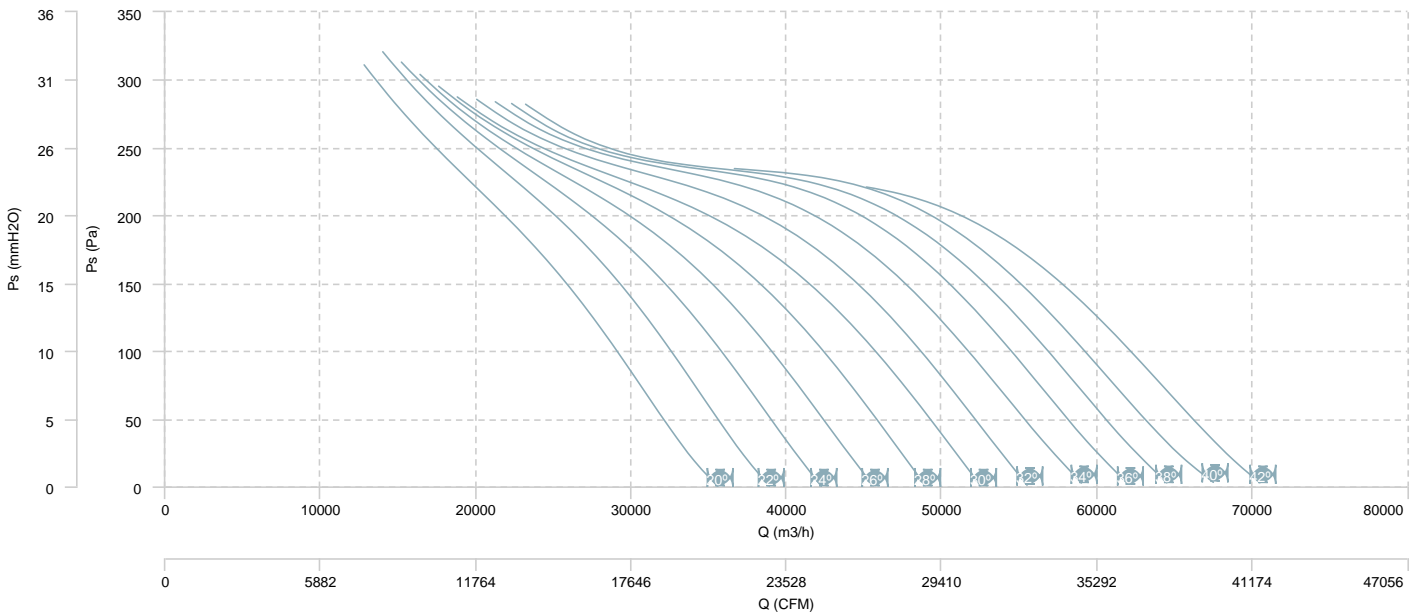


**AIR FLOW - MECHANICAL POWER (4 poles)**

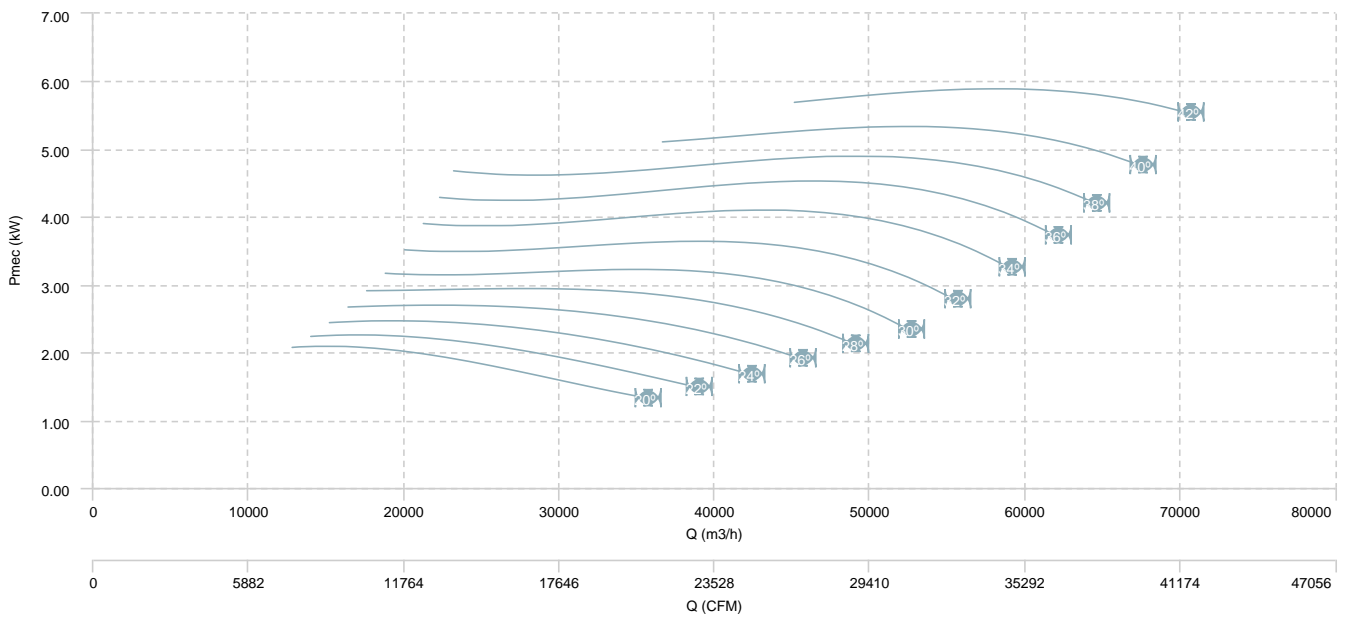


HBFX 125 T4/T8 (A3:8) F400

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
HBFX 45 T4 (A5:6) F400 (20º)	Inlet	44	50	56	65	61	63	65	59	70
HBFX 45 T4 (A5:6) F400 (25º)	Inlet	46	51	58	65	64	65	67	59	72
HBFX 45 T4 (A5:6) F400 (27º)	Inlet	47	52	59	65	65	66	67	59	72
HBFX 45 T4 (A5:6) F400 (30º)	Inlet	49	54	61	65	67	68	69	60	74
HBFX 45 T4 (A5:6) F400 (33º)	Inlet	50	54	62	64	67	68	69	60	74
HBFX 45 T4 (A5:6) F400 (35º)	Inlet	50	54	62	63	68	68	70	59	74
HBFX 45 T4 (A5:6) F400 (37º)	Inlet	52	55	64	65	69	69	71	61	76
HBFX 45 T4 (A5:6) F400 (40º)	Inlet	53	57	65	67	70	70	72	63	77
HBFX 45 T4 (A5:6) F400 (43º)	Inlet	53	57	65	67	71	71	73	64	77
HBFX 50 T4 (A5:6) F400 (25º)	Inlet	45	52	57	62	65	67	69	61	73
HBFX 50 T4 (A5:6) F400 (27º)	Inlet	46	53	58	63	66	68	70	62	74
HBFX 50 T4 (A5:6) F400 (30º)	Inlet	48	53	60	64	67	68	71	62	75
HBFX 50 T4 (A5:6) F400 (33º)	Inlet	49	54	61	66	69	70	72	63	76
HBFX 50 T4 (A5:6) F400 (35º)	Inlet	50	55	62	68	70	71	73	64	78
HBFX 50 T4 (A5:6) F400 (37º)	Inlet	50	57	62	68	70	71	73	64	78
HBFX 50 T4 (A5:6) F400 (40º)	Inlet	50	57	62	68	70	71	73	64	78
HBFX 50 T4 (A5:6) F400 (43º)	Inlet	53	60	65	72	73	73	76	67	80
HBFX 50 T4 (A5:6) F400 (45º)	Inlet	53	60	65	73	74	74	76	68	81
HBFX 56 T4 (A5:6) F400 (20º)	Inlet	66	73	78	79	80	78	76	68	86
HBFX 56 T4 (A5:6) F400 (25º)	Inlet	53	62	67	73	75	75	76	67	82
HBFX 56 T4 (A5:6) F400 (30º)	Inlet	62	72	79	81	81	79	77	69	87
HBFX 56 T4 (A5:6) F400 (35º)	Inlet	50	62	67	73	74	75	76	68	81
HBFX 56 T4 (A5:6) F400 (40º)	Inlet	56	69	79	85	84	78	76	67	89
HBFX 56 T4 (A5:6) F400 (45º)	Inlet	60	73	88	94	91	80	76	67	96
HBFX 63 T4 (A5:6) F400 (20º)	Inlet	69	76	81	82	83	80	79	72	89
HBFX 63 T4 (A5:6) F400 (25º)	Inlet	54	63	68	73	77	76	76	70	83
HBFX 63 T4 (A5:6) F400 (30º)	Inlet	57	65	75	82	80	79	79	72	87
HBFX 63 T4 (A5:6) F400 (35º)	Inlet	53	65	70	74	78	77	79	72	84
HBFX 63 T4 (A5:6) F400 (40º)	Inlet	54	66	77	89	86	81	79	71	92
HBFX 63 T4 (A5:6) F400 (45º)	Inlet	55	66	82	100	92	84	79	71	100
HBFX 71 T4 (A5:6) F400 (20º)	Inlet	71	78	83	85	85	83	82	75	92
HBFX 71 T4 (A5:6) F400 (25º)	Inlet	58	68	74	78	81	82	82	73	88
HBFX 71 T4 (A5:6) F400 (30º)	Inlet	60	68	75	81	82	81	81	72	87
HBFX 71 T4 (A5:6) F400 (35º)	Inlet	53	65	70	75	78	79	80	71	84
HBFX 71 T4 (A5:6) F400 (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	
HBFX 71 T4 (A5:6) F400 (45 <sup>º</sup> )	Inlet	61	70	92	105	96	87	83	72	105	
HBFX 80 T4 (A5:6) F400 (20 <sup>º</sup> )	Inlet	74	81	86	88	88	86	85	78	94	
HBFX 80 T4 (A5:6) F400 (25 <sup>º</sup> )	Inlet	61	68	74	79	81	81	82	74	88	
HBFX 80 T4 (A5:6) F400 (30 <sup>º</sup> )	Inlet	61	72	79	89	87	85	85	77	93	
HBFX 80 T4 (A5:6) F400 (35 <sup>º</sup> )	Inlet	58	70	76	84	89	87	87	78	94	
HBFX 80 T4 (A5:6) F400 (40 <sup>º</sup> )	Inlet	59	72	88	93	90	86	84	76	97	
HBFX 80 T4 (A5:6) F400 (45 <sup>º</sup> )	Inlet	60	74	97	100	91	86	82	75	102	
HBFX 90 T4 (A3:4) F400 (20 <sup>º</sup> )	Inlet	83	84	82	87	88	87	85	79	94	
HBFX 90 T4 (A3:4) F400 (22 <sup>º</sup> )	Inlet	87	85	83	86	87	86	85	78	94	
HBFX 90 T4 (A3:4) F400 (24 <sup>º</sup> )	Inlet	89	86	84	86	86	85	84	78	95	
HBFX 90 T4 (A3:4) F400 (26 <sup>º</sup> )	Inlet	90	87	85	86	85	84	83	77	95	
HBFX 90 T4 (A3:4) F400 (28 <sup>º</sup> )	Inlet	91	88	86	86	84	83	83	77	95	
HBFX 90 T4 (A3:4) F400 (30 <sup>º</sup> )	Inlet	92	89	87	86	83	82	82	76	96	
HBFX 90 T4 (A3:4) F400 (32 <sup>º</sup> )	Inlet	92	89	87	85	83	82	82	76	96	
HBFX 90 T4 (A3:4) F400 (34 <sup>º</sup> )	Inlet	91	88	86	84	83	83	81	75	95	
HBFX 90 T4 (A3:4) F400 (36 <sup>º</sup> )	Inlet	92	89	87	84	84	83	81	75	96	
HBFX 90 T4 (A3:4) F400 (38 <sup>º</sup> )	Inlet	93	90	88	85	85	83	82	77	97	
HBFX 90 T4 (A3:4) F400 (40 <sup>º</sup> )	Inlet	94	91	89	86	87	84	83	78	98	
HBFX 90 T4 (A3:4) F400 (42 <sup>º</sup> )	Inlet	95	92	90	87	88	85	84	79	99	
HBFX 90 T4 (A3:8) F400 (20 <sup>º</sup> )	Inlet	95	97	99	94	93	86	87	79	104	
HBFX 90 T4 (A3:8) F400 (22 <sup>º</sup> )	Inlet	95	96	97	93	92	86	87	79	103	
HBFX 90 T4 (A3:8) F400 (24 <sup>º</sup> )	Inlet	95	95	95	92	91	87	87	79	102	
HBFX 90 T4 (A3:8) F400 (26 <sup>º</sup> )	Inlet	96	94	93	91	90	87	87	80	101	
HBFX 90 T4 (A3:8) F400 (28 <sup>º</sup> )	Inlet	96	92	91	90	89	87	86	80	100	
HBFX 90 T4 (A3:8) F400 (30 <sup>º</sup> )	Inlet	94	91	89	89	88	87	86	80	99	
HBFX 90 T4 (A3:8) F400 (32 <sup>º</sup> )	Inlet	93	90	88	88	87	86	85	79	98	
HBFX 90 T4 (A3:8) F400 (34 <sup>º</sup> )	Inlet	93	90	88	87	87	86	84	78	97	
HBFX 90 T4 (A3:8) F400 (36 <sup>º</sup> )	Inlet	93	90	88	86	87	86	84	78	97	
HBFX 90 T4 (A3:8) F400 (38 <sup>º</sup> )	Inlet	95	92	90	87	87	86	83	78	99	
HBFX 90 T4 (A3:8) F400 (40 <sup>º</sup> )	Inlet	97	94	92	87	88	86	83	79	100	
HBFX 90 T4 (A3:8) F400 (42 <sup>º</sup> )	Inlet	97	94	92	88	88	87	84	79	101	
HBFX 100 T4 (A3:4) F400 (20 <sup>º</sup> )	Inlet	66	76	81	88	91	92	93	90	98	
HBFX 100 T4 (A3:4) F400 (22 <sup>º</sup> )	Inlet	66	76	82	88	91	92	93	90	98	
HBFX 100 T4 (A3:4) F400 (24 <sup>º</sup> )	Inlet	67	76	81	87	91	92	93	89	98	
HBFX 100 T4 (A3:4) F400 (26 <sup>º</sup> )	Inlet	67	75	81	87	90	91	93	88	97	
HBFX 100 T4 (A3:4) F400 (28 <sup>º</sup> )	Inlet	67	75	81	86	90	91	93	87	97	
HBFX 100 T4 (A3:4) F400 (30 <sup>º</sup> )	Inlet	68	74	81	86	90	91	93	86	97	
HBFX 100 T4 (A3:4) F400 (32 <sup>º</sup> )	Inlet	68	74	81	86	89	90	92	86	96	
HBFX 100 T4 (A3:4) F400 (34 <sup>º</sup> )	Inlet	69	73	81	85	88	90	91	85	96	

Sound power Lw dB (A)											
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total	
HBFX 100 T4 (A3:4) F400 (36º)	Inlet	69	73	81	86	88	90	91	85	96	
HBFX 100 T4 (A3:4) F400 (38º)	Inlet	68	74	81	86	89	90	92	85	96	
HBFX 100 T4 (A3:4) F400 (40º)	Inlet	68	75	81	87	90	91	92	86	97	
HBFX 100 T4 (A3:4) F400 (42º)	Inlet	69	77	83	88	92	92	93	87	98	
HBFX 100 T4 (A3:8) F400 (20º)	Inlet	72	81	92	102	100	99	100	95	107	
HBFX 100 T4 (A3:8) F400 (22º)	Inlet	72	80	91	100	99	98	99	94	106	
HBFX 100 T4 (A3:8) F400 (24º)	Inlet	72	79	89	97	97	97	98	93	104	
HBFX 100 T4 (A3:8) F400 (26º)	Inlet	72	79	88	95	96	96	97	92	103	
HBFX 100 T4 (A3:8) F400 (28º)	Inlet	72	79	87	93	96	95	96	91	102	
HBFX 100 T4 (A3:8) F400 (30º)	Inlet	72	79	86	91	95	95	96	90	101	
HBFX 100 T4 (A3:8) F400 (32º)	Inlet	71	79	84	90	93	94	95	89	100	
HBFX 100 T4 (A3:8) F400 (34º)	Inlet	71	78	83	88	92	93	94	88	99	
HBFX 100 T4 (A3:8) F400 (36º)	Inlet	70	77	82	87	91	93	94	87	99	
HBFX 100 T4 (A3:8) F400 (38º)	Inlet	71	78	83	88	92	94	94	88	99	
HBFX 100 T4 (A3:8) F400 (40º)	Inlet	71	79	84	89	92	94	95	89	100	
HBFX 100 T4 (A3:8) F400 (42º)	Inlet	72	79	84	89	93	94	95	89	100	
HBFX 112 T4 (A3:4) F400 (20º)	Inlet	66	78	83	90	94	94	96	92	101	
HBFX 112 T4 (A3:4) F400 (22º)	Inlet	68	79	84	90	94	95	96	92	102	
HBFX 112 T4 (A3:4) F400 (24º)	Inlet	69	78	83	90	93	94	96	91	101	
HBFX 112 T4 (A3:4) F400 (26º)	Inlet	70	78	83	89	93	94	95	90	100	
HBFX 112 T4 (A3:4) F400 (28º)	Inlet	71	78	83	89	92	93	95	89	99	
HBFX 112 T4 (A3:4) F400 (30º)	Inlet	71	78	83	88	92	93	94	88	99	
HBFX 112 T4 (A3:4) F400 (32º)	Inlet	70	77	82	88	91	92	94	87	98	
HBFX 112 T4 (A3:4) F400 (34º)	Inlet	70	76	82	87	90	92	93	86	98	
HBFX 112 T4 (A3:4) F400 (36º)	Inlet	71	76	83	87	90	92	93	86	98	
HBFX 112 T4 (A3:4) F400 (38º)	Inlet	71	77	83	88	91	92	93	87	98	
HBFX 112 T4 (A3:4) F400 (40º)	Inlet	72	79	84	89	91	93	94	87	99	
HBFX 112 T4 (A3:4) F400 (42º)	Inlet	72	79	84	89	92	94	94	88	99	
HBFX 112 T4 (A3:8) F400 (20º)	Inlet	73	82	92	101	101	103	103	97	109	
HBFX 112 T4 (A3:8) F400 (22º)	Inlet	73	81	91	99	100	102	102	96	107	
HBFX 112 T4 (A3:8) F400 (24º)	Inlet	73	81	90	97	99	101	101	95	106	
HBFX 112 T4 (A3:8) F400 (26º)	Inlet	74	81	89	96	98	100	100	94	106	
HBFX 112 T4 (A3:8) F400 (28º)	Inlet	74	81	88	94	98	99	99	94	105	
HBFX 112 T4 (A3:8) F400 (30º)	Inlet	74	80	87	93	97	99	99	93	104	
HBFX 112 T4 (A3:8) F400 (32º)	Inlet	74	81	86	91	96	97	97	91	103	
HBFX 112 T4 (A3:8) F400 (34º)	Inlet	73	80	85	90	94	96	96	89	101	
HBFX 112 T4 (A3:8) F400 (36º)	Inlet	73	80	85	90	93	95	95	89	101	
HBFX 112 T4 (A3:8) F400 (38º)	Inlet	73	80	85	90	94	96	95	89	101	
HBFX 112 T4 (A3:8) F400 (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	
HBFX 112 T4 (A3:8) F400 (42 <sup>o</sup> )	Inlet	73	80	85	91	94	96	95	89	101	
HBFX 125 T4 (A3:4) F400 (20 <sup>o</sup> )	Inlet	72	85	90	98	102	102	104	101	109	
HBFX 125 T4 (A3:4) F400 (22 <sup>o</sup> )	Inlet	75	86	91	98	102	103	105	101	109	
HBFX 125 T4 (A3:4) F400 (24 <sup>o</sup> )	Inlet	75	85	90	96	100	101	103	98	107	
HBFX 125 T4 (A3:4) F400 (26 <sup>o</sup> )	Inlet	76	84	89	94	98	99	101	96	106	
HBFX 125 T4 (A3:4) F400 (28 <sup>o</sup> )	Inlet	75	82	87	93	96	98	99	93	104	
HBFX 125 T4 (A3:4) F400 (30 <sup>o</sup> )	Inlet	74	81	86	91	95	96	97	91	102	
HBFX 125 T4 (A3:4) F400 (32 <sup>o</sup> )	Inlet	74	81	86	90	94	96	96	90	102	
HBFX 125 T4 (A3:4) F400 (34 <sup>o</sup> )	Inlet	73	80	85	90	93	95	96	88	101	
HBFX 125 T4 (A3:4) F400 (36 <sup>o</sup> )	Inlet	74	81	86	90	93	95	96	88	101	
HBFX 125 T4 (A3:4) F400 (38 <sup>o</sup> )	Inlet	74	81	86	91	93	95	96	89	101	
HBFX 125 T4 (A3:4) F400 (40 <sup>o</sup> )	Inlet	75	82	87	91	93	96	96	89	102	
HBFX 125 T4 (A3:4) F400 (42 <sup>o</sup> )	Inlet	75	82	87	92	94	96	96	90	102	
HBFX 125 T4 (A3:8) F400 (20 <sup>o</sup> )	Inlet	78	86	93	103	108	111	110	105	115	
HBFX 125 T4 (A3:8) F400 (22 <sup>o</sup> )	Inlet	79	86	93	102	107	110	109	104	114	
HBFX 125 T4 (A3:8) F400 (24 <sup>o</sup> )	Inlet	78	85	92	100	106	108	108	102	113	
HBFX 125 T4 (A3:8) F400 (26 <sup>o</sup> )	Inlet	78	85	91	98	104	106	106	100	111	
HBFX 125 T4 (A3:8) F400 (28 <sup>o</sup> )	Inlet	78	84	91	97	102	105	105	98	110	
HBFX 125 T4 (A3:8) F400 (30 <sup>o</sup> )	Inlet	77	83	90	96	101	103	104	97	108	
HBFX 125 T4 (A3:8) F400 (32 <sup>o</sup> )	Inlet	77	83	89	95	99	102	102	94	107	
HBFX 125 T4 (A3:8) F400 (34 <sup>o</sup> )	Inlet	77	83	89	94	97	99	100	92	105	
HBFX 125 T4 (A3:8) F400 (36 <sup>o</sup> )	Inlet	77	83	89	93	96	98	98	91	104	
HBFX 125 T4 (A3:8) F400 (38 <sup>o</sup> )	Inlet	76	83	88	93	96	98	97	91	104	
HBFX 125 T4 (A3:8) F400 (40 <sup>o</sup> )	Inlet	76	83	88	93	96	98	97	90	103	
HBFX 125 T4 (A3:8) F400 (42 <sup>o</sup> )	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	
HBFX 45 T6 (A5:6) F400 (25 <sup>o</sup> )	Inlet	37	42	49	55	54	55	57	50	62	
HBFX 45 T6 (A5:6) F400 (27 <sup>o</sup> )	Inlet	38	43	50	55	55	56	58	50	63	
HBFX 45 T6 (A5:6) F400 (30 <sup>o</sup> )	Inlet	40	44	52	55	57	58	59	50	64	
HBFX 45 T6 (A5:6) F400 (33 <sup>o</sup> )	Inlet	40	44	52	55	58	58	60	50	65	
HBFX 45 T6 (A5:6) F400 (35 <sup>o</sup> )	Inlet	41	45	53	54	59	59	60	50	65	
HBFX 45 T6 (A5:6) F400 (37 <sup>o</sup> )	Inlet	42	46	54	56	60	60	61	52	66	
HBFX 45 T6 (A5:6) F400 (40 <sup>o</sup> )	Inlet	44	47	56	57	61	61	63	54	67	
HBFX 45 T6 (A5:6) F400 (43 <sup>o</sup> )	Inlet	43	47	55	58	62	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	
HBFX 45 T6 (A5:6) F400 (45º)	Inlet	43	47	55	58	62	62	63	55	68	
HBFX 50 T6 (A5:6) F400 (25º)	Inlet	36	43	48	53	55	58	60	52	64	
HBFX 50 T6 (A5:6) F400 (27º)	Inlet	37	43	49	53	56	58	61	52	64	
HBFX 50 T6 (A5:6) F400 (30º)	Inlet	39	44	51	55	58	59	62	53	66	
HBFX 50 T6 (A5:6) F400 (33º)	Inlet	40	45	52	57	59	60	63	54	67	
HBFX 50 T6 (A5:6) F400 (35º)	Inlet	40	45	52	59	61	62	64	55	68	
HBFX 50 T6 (A5:6) F400 (37º)	Inlet	41	48	53	59	61	62	64	55	68	
HBFX 50 T6 (A5:6) F400 (40º)	Inlet	41	48	53	59	61	62	64	55	68	
HBFX 50 T6 (A5:6) F400 (43º)	Inlet	43	50	55	62	63	64	66	58	71	
HBFX 50 T6 (A5:6) F400 (45º)	Inlet	44	51	56	64	65	65	67	59	72	
HBFX 56 T6 (A5:6) F400 (20º)	Inlet	63	70	75	76	77	75	73	65	82	
HBFX 56 T6 (A5:6) F400 (25º)	Inlet	50	59	64	70	72	72	73	64	78	
HBFX 56 T6 (A5:6) F400 (30º)	Inlet	58	68	75	77	78	76	74	66	83	
HBFX 56 T6 (A5:6) F400 (35º)	Inlet	47	58	63	69	70	71	72	64	78	
HBFX 56 T6 (A5:6) F400 (40º)	Inlet	53	66	76	81	81	75	73	64	85	
HBFX 56 T6 (A5:6) F400 (45º)	Inlet	57	69	84	90	88	77	73	63	93	
HBFX 63 T6 (A5:6) F400 (20º)	Inlet	66	73	78	79	80	77	76	69	85	
HBFX 63 T6 (A5:6) F400 (25º)	Inlet	51	60	65	70	74	73	73	67	79	
HBFX 63 T6 (A5:6) F400 (30º)	Inlet	54	62	72	79	77	76	76	69	83	
HBFX 63 T6 (A5:6) F400 (35º)	Inlet	50	62	67	71	75	74	76	69	81	
HBFX 63 T6 (A5:6) F400 (40º)	Inlet	51	63	74	86	83	78	76	68	88	
HBFX 63 T6 (A5:6) F400 (45º)	Inlet	52	63	79	96	88	81	76	67	97	
HBFX 71 T6 (A5:6) F400 (20º)	Inlet	68	75	80	82	82	80	79	72	88	
HBFX 71 T6 (A5:6) F400 (25º)	Inlet	55	65	71	75	78	79	79	70	84	
HBFX 71 T6 (A5:6) F400 (30º)	Inlet	57	65	71	77	78	78	77	68	84	
HBFX 71 T6 (A5:6) F400 (35º)	Inlet	49	61	66	71	74	75	76	67	81	
HBFX 71 T6 (A5:6) F400 (40º)	Inlet	54	64	79	89	85	80	78	68	91	
HBFX 71 T6 (A5:6) F400 (45º)	Inlet	57	66	88	101	92	83	79	69	102	
HBFX 80 T6 (A5:6) F400 (20º)	Inlet	71	78	83	85	85	83	82	75	91	
HBFX 80 T6 (A5:6) F400 (25º)	Inlet	58	65	71	76	78	78	79	71	84	
HBFX 80 T6 (A5:6) F400 (30º)	Inlet	58	69	76	86	84	82	82	74	90	
HBFX 80 T6 (A5:6) F400 (35º)	Inlet	55	67	73	81	86	84	84	75	90	
HBFX 80 T6 (A5:6) F400 (40º)	Inlet	56	69	85	90	87	83	81	73	93	
HBFX 80 T6 (A5:6) F400 (45º)	Inlet	56	70	93	96	87	82	79	71	98	
HBFX 90 T6 (A3:4) F400 (20º)	Inlet	73	74	72	77	78	77	76	70	85	
HBFX 90 T6 (A3:4) F400 (22º)	Inlet	77	76	74	77	77	76	75	69	85	
HBFX 90 T6 (A3:4) F400 (24º)	Inlet	80	77	75	77	76	75	75	68	85	
HBFX 90 T6 (A3:4) F400 (26º)	Inlet	81	78	76	77	75	74	74	68	85	
HBFX 90 T6 (A3:4) F400 (28º)	Inlet	82	79	77	76	74	73	73	67	86	

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

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

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HBFX 125 T6 (A3:4) F400 (42º)	Inlet	66	73	78	82	85	87	87	81	92
HBFX 125 T6 (A3:8) F400 (20º)	Inlet	69	77	84	93	98	101	101	95	106
HBFX 125 T6 (A3:8) F400 (22º)	Inlet	69	77	84	92	97	100	99	94	105
HBFX 125 T6 (A3:8) F400 (24º)	Inlet	69	76	83	90	96	98	98	92	103
HBFX 125 T6 (A3:8) F400 (26º)	Inlet	69	75	82	89	94	97	96	90	102
HBFX 125 T6 (A3:8) F400 (28º)	Inlet	68	74	81	87	93	95	95	89	100
HBFX 125 T6 (A3:8) F400 (30º)	Inlet	68	74	80	86	91	93	94	87	98
HBFX 125 T6 (A3:8) F400 (32º)	Inlet	68	74	80	85	90	92	92	85	97
HBFX 125 T6 (A3:8) F400 (34º)	Inlet	68	74	80	84	88	90	90	83	95
HBFX 125 T6 (A3:8) F400 (36º)	Inlet	67	74	79	84	87	89	89	82	94
HBFX 125 T6 (A3:8) F400 (38º)	Inlet	67	74	79	84	87	89	88	81	94
HBFX 125 T6 (A3:8) F400 (40º)	Inlet	67	74	79	83	87	89	87	81	93
HBFX 125 T6 (A3:8) F400 (42º)	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
HBFX 45 T4/T8 (A5:6) F400 (20º)	Inlet	44	50	56	65	61	63	65	59	70
HBFX 45 T4/T8 (A5:6) F400 (25º)	Inlet	46	51	58	65	64	65	67	59	72
HBFX 45 T4/T8 (A5:6) F400 (27º)	Inlet	47	52	59	65	65	66	67	59	72
HBFX 45 T4/T8 (A5:6) F400 (30º)	Inlet	49	54	61	65	67	68	69	60	74
HBFX 45 T4/T8 (A5:6) F400 (33º)	Inlet	50	54	62	64	67	68	69	60	74
HBFX 45 T4/T8 (A5:6) F400 (35º)	Inlet	50	54	62	63	68	68	70	59	74
HBFX 45 T4/T8 (A5:6) F400 (37º)	Inlet	52	55	64	65	69	69	71	61	76
HBFX 45 T4/T8 (A5:6) F400 (40º)	Inlet	53	57	65	67	70	70	72	63	77
HBFX 45 T4/T8 (A5:6) F400 (43º)	Inlet	53	57	65	67	71	71	73	64	77
HBFX 50 T4/T8 (A5:6) F400 (25º)	Inlet	45	52	57	62	65	67	69	61	73
HBFX 50 T4/T8 (A5:6) F400 (27º)	Inlet	46	53	58	63	66	68	70	62	74
HBFX 50 T4/T8 (A5:6) F400 (30º)	Inlet	48	53	60	64	67	68	71	62	75
HBFX 50 T4/T8 (A5:6) F400 (33º)	Inlet	49	54	61	66	69	70	72	63	76
HBFX 50 T4/T8 (A5:6) F400 (35º)	Inlet	50	55	62	68	70	71	73	64	78
HBFX 50 T4/T8 (A5:6) F400 (37º)	Inlet	50	57	62	68	70	71	73	64	78
HBFX 50 T4/T8 (A5:6) F400 (40º)	Inlet	50	57	62	68	70	71	73	64	78
HBFX 50 T4/T8 (A5:6) F400 (43º)	Inlet	53	60	65	72	73	73	76	67	80
HBFX 50 T4/T8 (A5:6) F400 (45º)	Inlet	53	60	65	73	74	74	76	68	81
HBFX 56 T4/T8 (A5:6) F400 (750 RPM - 20º)	Inlet	50	57	62	63	64	62	60	52	70



Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HBFX 56 T4/T8 (A5:6) F400 (750 RPM - 25°)	Inlet	37	46	51	57	59	59	60	51	66
HBFX 56 T4/T8 (A5:6) F400 (750 RPM - 30°)	Inlet	46	56	63	65	65	63	61	53	71
HBFX 56 T4/T8 (A5:6) F400 (750 RPM - 35°)	Inlet	34	46	51	57	58	59	60	52	65
HBFX 56 T4/T8 (A5:6) F400 (750 RPM - 40°)	Inlet	40	53	63	69	68	62	60	51	73
HBFX 56 T4/T8 (A5:6) F400 (750 RPM - 45°)	Inlet	45	57	72	78	75	64	60	51	81
HBFX 56 T4/T8 (A5:6) F400 (1500 RPM - 20°)	Inlet	66	73	78	79	80	78	76	68	86
HBFX 56 T4/T8 (A5:6) F400 (1500 RPM - 25°)	Inlet	53	62	67	73	75	75	76	67	82
HBFX 56 T4/T8 (A5:6) F400 (1500 RPM - 30°)	Inlet	62	72	79	81	81	79	77	69	87
HBFX 56 T4/T8 (A5:6) F400 (1500 RPM - 35°)	Inlet	50	62	67	73	74	75	76	68	81
HBFX 56 T4/T8 (A5:6) F400 (1500 RPM - 40°)	Inlet	56	69	79	85	84	78	76	67	89
HBFX 56 T4/T8 (A5:6) F400 (1500 RPM - 45°)	Inlet	60	73	88	94	91	80	76	67	96
HBFX 63 T4/T8 (A5:6) F400 (750 RPM - 20°)	Inlet	53	60	65	66	67	64	63	56	73
HBFX 63 T4/T8 (A5:6) F400 (750 RPM - 25°)	Inlet	39	48	53	58	62	61	61	54	67
HBFX 63 T4/T8 (A5:6) F400 (750 RPM - 30°)	Inlet	41	49	59	66	64	63	63	56	71
HBFX 63 T4/T8 (A5:6) F400 (750 RPM - 35°)	Inlet	37	49	54	58	62	61	63	56	68
HBFX 63 T4/T8 (A5:6) F400 (750 RPM - 40°)	Inlet	38	50	62	73	70	65	63	55	76
HBFX 63 T4/T8 (A5:6) F400 (750 RPM - 45°)	Inlet	39	50	67	84	76	68	63	55	85
HBFX 63 T4/T8 (A5:6) F400 (1500 RPM - 20°)	Inlet	69	76	81	82	83	80	79	72	89
HBFX 63 T4/T8 (A5:6) F400 (1500 RPM - 25°)	Inlet	54	63	68	73	77	76	76	70	83
HBFX 63 T4/T8 (A5:6) F400 (1500 RPM - 30°)	Inlet	57	65	75	82	80	79	79	72	87
HBFX 63 T4/T8 (A5:6) F400 (1500 RPM - 35°)	Inlet	53	65	70	74	78	77	79	72	84
HBFX 63 T4/T8 (A5:6) F400 (1500 RPM - 40°)	Inlet	54	66	77	89	86	81	79	71	92

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HBFX 63 T4/T8 (A5:6) F400 (1500 RPM - 45°)	Inlet	55	66	82	100	92	84	79	71	100
HBFX 71 T4/T8 (A5:6) F400 (750 RPM - 20°)	Inlet	56	63	68	70	70	68	67	60	76
HBFX 71 T4/T8 (A5:6) F400 (750 RPM - 25°)	Inlet	43	52	58	62	65	66	66	57	72
HBFX 71 T4/T8 (A5:6) F400 (750 RPM - 30°)	Inlet	44	53	59	65	66	66	65	56	72
HBFX 71 T4/T8 (A5:6) F400 (750 RPM - 35°)	Inlet	37	49	54	59	62	63	64	55	69
HBFX 71 T4/T8 (A5:6) F400 (750 RPM - 40°)	Inlet	41	52	67	76	72	68	66	56	79
HBFX 71 T4/T8 (A5:6) F400 (750 RPM - 45°)	Inlet	45	54	76	89	80	71	67	56	90
HBFX 71 T4/T8 (A5:6) F400 (1500 RPM - 20°)	Inlet	71	78	83	85	85	83	82	75	92
HBFX 71 T4/T8 (A5:6) F400 (1500 RPM - 25°)	Inlet	58	68	74	78	81	82	82	73	88
HBFX 71 T4/T8 (A5:6) F400 (1500 RPM - 30°)	Inlet	60	68	75	81	82	81	81	72	87
HBFX 71 T4/T8 (A5:6) F400 (1500 RPM - 35°)	Inlet	53	65	70	75	78	79	80	71	84
HBFX 71 T4/T8 (A5:6) F400 (1500 RPM - 40°)	Inlet	57	68	83	92	88	83	81	72	95
HBFX 71 T4/T8 (A5:6) F400 (1500 RPM - 45°)	Inlet	61	70	92	105	96	87	83	72	105
HBFX 80 T4/T8 (A5:6) F400 (750 RPM - 20°)	Inlet	58	65	70	72	72	70	69	62	79
HBFX 80 T4/T8 (A5:6) F400 (750 RPM - 25°)	Inlet	45	52	58	63	65	65	66	58	72
HBFX 80 T4/T8 (A5:6) F400 (750 RPM - 30°)	Inlet	45	57	64	73	71	69	69	61	78
HBFX 80 T4/T8 (A5:6) F400 (750 RPM - 35°)	Inlet	42	54	60	68	73	71	71	62	78
HBFX 80 T4/T8 (A5:6) F400 (750 RPM - 40°)	Inlet	43	56	72	77	74	70	68	60	81
HBFX 80 T4/T8 (A5:6) F400 (750 RPM - 45°)	Inlet	44	58	81	84	75	70	66	59	86
HBFX 80 T4/T8 (A5:6) F400 (1500 RPM - 20°)	Inlet	74	81	86	88	88	86	85	78	94
HBFX 80 T4/T8 (A5:6) F400 (1500 RPM - 25°)	Inlet	61	68	74	79	81	81	82	74	88
HBFX 80 T4/T8 (A5:6) F400 (1500 RPM - 30°)	Inlet	61	72	79	89	87	85	85	77	93

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HBFX 80 T4/T8 (A5:6) F400 (1500 RPM - 35°)	Inlet	58	70	76	84	89	87	87	78	94
HBFX 80 T4/T8 (A5:6) F400 (1500 RPM - 40°)	Inlet	59	72	88	93	90	86	84	76	97
HBFX 80 T4/T8 (A5:6) F400 (1500 RPM - 45°)	Inlet	60	74	97	100	91	86	82	75	102
HBFX 90 T4/T8 (A3:4) F400 (750 RPM - 20°)	Inlet	67	68	66	71	72	71	69	63	78
HBFX 90 T4/T8 (A3:4) F400 (750 RPM - 22°)	Inlet	71	69	67	70	71	70	69	63	78
HBFX 90 T4/T8 (A3:4) F400 (750 RPM - 24°)	Inlet	73	70	68	70	70	69	68	62	79
HBFX 90 T4/T8 (A3:4) F400 (750 RPM - 26°)	Inlet	74	71	69	70	69	68	67	61	79
HBFX 90 T4/T8 (A3:4) F400 (750 RPM - 28°)	Inlet	75	72	70	70	68	67	67	61	80
HBFX 90 T4/T8 (A3:4) F400 (750 RPM - 30°)	Inlet	77	74	72	70	67	66	66	60	80
HBFX 90 T4/T8 (A3:4) F400 (750 RPM - 32°)	Inlet	76	73	71	69	67	66	66	60	80
HBFX 90 T4/T8 (A3:4) F400 (750 RPM - 34°)	Inlet	76	73	71	69	67	67	65	59	79
HBFX 90 T4/T8 (A3:4) F400 (750 RPM - 36°)	Inlet	76	73	71	69	68	67	66	59	80
HBFX 90 T4/T8 (A3:4) F400 (750 RPM - 38°)	Inlet	77	74	72	69	69	68	66	61	81
HBFX 90 T4/T8 (A3:4) F400 (750 RPM - 40°)	Inlet	78	75	73	70	71	68	67	62	82
HBFX 90 T4/T8 (A3:4) F400 (750 RPM - 42°)	Inlet	79	76	74	71	72	69	68	63	83
HBFX 90 T4/T8 (A3:4) F400 (1500 RPM - 20°)	Inlet	83	84	82	87	88	87	85	79	94
HBFX 90 T4/T8 (A3:4) F400 (1500 RPM - 22°)	Inlet	87	85	83	86	87	86	85	78	94
HBFX 90 T4/T8 (A3:4) F400 (1500 RPM - 24°)	Inlet	89	86	84	86	86	85	84	78	95
HBFX 90 T4/T8 (A3:4) F400 (1500 RPM - 26°)	Inlet	90	87	85	86	85	84	83	77	95
HBFX 90 T4/T8 (A3:4) F400 (1500 RPM - 28°)	Inlet	91	88	86	86	84	83	83	77	95
HBFX 90 T4/T8 (A3:4) F400 (1500 RPM - 30°)	Inlet	92	89	87	86	83	82	82	76	96
HBFX 90 T4/T8 (A3:4) F400 (1500 RPM - 32°)	Inlet	92	89	87	85	83	82	82	76	96

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HBFX 90 T4/T8 (A3:4) F400 (1500 RPM - 34º)	Inlet	91	88	86	84	83	83	81	75	95
HBFX 90 T4/T8 (A3:4) F400 (1500 RPM - 36º)	Inlet	92	89	87	84	84	83	81	75	96
HBFX 90 T4/T8 (A3:4) F400 (1500 RPM - 38º)	Inlet	93	90	88	85	85	83	82	77	97
HBFX 90 T4/T8 (A3:4) F400 (1500 RPM - 40º)	Inlet	94	91	89	86	87	84	83	78	98
HBFX 90 T4/T8 (A3:4) F400 (1500 RPM - 42º)	Inlet	95	92	90	87	88	85	84	79	99
HBFX 90 T4/T8 (A3:8) F400 (750 RPM - 20º)	Inlet	79	81	83	78	77	70	71	63	88
HBFX 90 T4/T8 (A3:8) F400 (750 RPM - 22º)	Inlet	79	80	81	77	76	71	71	63	87
HBFX 90 T4/T8 (A3:8) F400 (750 RPM - 24º)	Inlet	80	79	79	76	75	71	71	64	86
HBFX 90 T4/T8 (A3:8) F400 (750 RPM - 26º)	Inlet	80	78	77	75	74	71	71	64	85
HBFX 90 T4/T8 (A3:8) F400 (750 RPM - 28º)	Inlet	80	76	75	74	73	71	70	64	84
HBFX 90 T4/T8 (A3:8) F400 (750 RPM - 30º)	Inlet	78	75	73	73	72	71	70	64	83
HBFX 90 T4/T8 (A3:8) F400 (750 RPM - 32º)	Inlet	78	75	73	72	71	71	69	63	82
HBFX 90 T4/T8 (A3:8) F400 (750 RPM - 34º)	Inlet	77	74	72	71	71	70	68	62	81
HBFX 90 T4/T8 (A3:8) F400 (750 RPM - 36º)	Inlet	77	74	72	70	71	70	68	62	81
HBFX 90 T4/T8 (A3:8) F400 (750 RPM - 38º)	Inlet	79	76	74	71	71	70	68	62	83
HBFX 90 T4/T8 (A3:8) F400 (750 RPM - 40º)	Inlet	81	78	76	71	72	70	67	63	84
HBFX 90 T4/T8 (A3:8) F400 (750 RPM - 42º)	Inlet	81	78	76	72	73	71	68	63	85
HBFX 90 T4/T8 (A3:8) F400 (1500 RPM - 20º)	Inlet	95	97	99	94	93	86	87	79	104
HBFX 90 T4/T8 (A3:8) F400 (1500 RPM - 22º)	Inlet	95	96	97	93	92	86	87	79	103
HBFX 90 T4/T8 (A3:8) F400 (1500 RPM - 24º)	Inlet	95	95	95	92	91	87	87	79	102
HBFX 90 T4/T8 (A3:8) F400 (1500 RPM - 26º)	Inlet	96	94	93	91	90	87	87	80	101
HBFX 90 T4/T8 (A3:8) F400 (1500 RPM - 28º)	Inlet	96	92	91	90	89	87	86	80	100

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HBFX 90 T4/T8 (A3:8) F400 (1500 RPM - 30°)	Inlet	94	91	89	89	88	87	86	80	99
HBFX 90 T4/T8 (A3:8) F400 (1500 RPM - 32°)	Inlet	93	90	88	88	87	86	85	79	98
HBFX 90 T4/T8 (A3:8) F400 (1500 RPM - 34°)	Inlet	93	90	88	87	87	86	84	78	97
HBFX 90 T4/T8 (A3:8) F400 (1500 RPM - 36°)	Inlet	93	90	88	86	87	86	84	78	97
HBFX 90 T4/T8 (A3:8) F400 (1500 RPM - 38°)	Inlet	95	92	90	87	87	86	83	78	99
HBFX 90 T4/T8 (A3:8) F400 (1500 RPM - 40°)	Inlet	97	94	92	87	88	86	83	79	100
HBFX 90 T4/T8 (A3:8) F400 (1500 RPM - 42°)	Inlet	97	94	92	88	88	87	84	79	101
HBFX 100 T4/T8 (A3:4) F400 (750 RPM - 20°)	Inlet	50	60	66	72	76	76	77	74	82
HBFX 100 T4/T8 (A3:4) F400 (750 RPM - 22°)	Inlet	50	60	66	72	76	76	77	74	82
HBFX 100 T4/T8 (A3:4) F400 (750 RPM - 24°)	Inlet	51	60	66	72	75	76	77	73	82
HBFX 100 T4/T8 (A3:4) F400 (750 RPM - 26°)	Inlet	51	59	65	71	74	75	77	72	82
HBFX 100 T4/T8 (A3:4) F400 (750 RPM - 28°)	Inlet	51	59	65	71	74	75	77	71	81
HBFX 100 T4/T8 (A3:4) F400 (750 RPM - 30°)	Inlet	52	59	65	70	74	75	77	70	81
HBFX 100 T4/T8 (A3:4) F400 (750 RPM - 32°)	Inlet	52	58	65	70	73	74	76	70	80
HBFX 100 T4/T8 (A3:4) F400 (750 RPM - 34°)	Inlet	53	57	65	69	72	74	76	69	80
HBFX 100 T4/T8 (A3:4) F400 (750 RPM - 36°)	Inlet	53	57	65	70	72	74	75	69	80
HBFX 100 T4/T8 (A3:4) F400 (750 RPM - 38°)	Inlet	52	58	65	70	73	74	76	69	80
HBFX 100 T4/T8 (A3:4) F400 (750 RPM - 40°)	Inlet	52	59	66	71	75	75	76	70	81
HBFX 100 T4/T8 (A3:4) F400 (750 RPM - 42°)	Inlet	53	61	67	72	76	76	77	71	82
HBFX 100 T4/T8 (A3:4) F400 (1500 RPM - 20°)	Inlet	66	76	81	88	91	92	93	90	98
HBFX 100 T4/T8 (A3:4) F400 (1500 RPM - 22°)	Inlet	66	76	82	88	91	92	93	90	98
HBFX 100 T4/T8 (A3:4) F400 (1500 RPM - 24°)	Inlet	67	76	81	87	91	92	93	89	98

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HBFX 100 T4/T8 (A3:4) F400 (1500 RPM - 26°)	Inlet	67	75	81	87	90	91	93	88	97
HBFX 100 T4/T8 (A3:4) F400 (1500 RPM - 28°)	Inlet	67	75	81	86	90	91	93	87	97
HBFX 100 T4/T8 (A3:4) F400 (1500 RPM - 30°)	Inlet	68	74	81	86	90	91	93	86	97
HBFX 100 T4/T8 (A3:4) F400 (1500 RPM - 32°)	Inlet	68	74	81	86	89	90	92	86	96
HBFX 100 T4/T8 (A3:4) F400 (1500 RPM - 34°)	Inlet	69	73	81	85	88	90	91	85	96
HBFX 100 T4/T8 (A3:4) F400 (1500 RPM - 36°)	Inlet	69	73	81	86	88	90	91	85	96
HBFX 100 T4/T8 (A3:4) F400 (1500 RPM - 38°)	Inlet	68	74	81	86	89	90	92	85	96
HBFX 100 T4/T8 (A3:4) F400 (1500 RPM - 40°)	Inlet	68	75	81	87	90	91	92	86	97
HBFX 100 T4/T8 (A3:4) F400 (1500 RPM - 42°)	Inlet	69	77	83	88	92	92	93	87	98
HBFX 100 T4/T8 (A3:8) F400 (750 RPM - 20°)	Inlet	56	65	76	86	84	83	84	79	91
HBFX 100 T4/T8 (A3:8) F400 (750 RPM - 22°)	Inlet	56	64	75	84	83	82	83	78	90
HBFX 100 T4/T8 (A3:8) F400 (750 RPM - 24°)	Inlet	56	64	73	81	82	81	82	77	88
HBFX 100 T4/T8 (A3:8) F400 (750 RPM - 26°)	Inlet	56	63	72	79	80	80	81	76	87
HBFX 100 T4/T8 (A3:8) F400 (750 RPM - 28°)	Inlet	56	63	71	77	80	80	80	75	86
HBFX 100 T4/T8 (A3:8) F400 (750 RPM - 30°)	Inlet	56	63	70	75	79	79	80	74	85
HBFX 100 T4/T8 (A3:8) F400 (750 RPM - 32°)	Inlet	55	63	68	74	77	78	79	73	84
HBFX 100 T4/T8 (A3:8) F400 (750 RPM - 34°)	Inlet	55	62	67	72	76	77	78	72	83
HBFX 100 T4/T8 (A3:8) F400 (750 RPM - 36°)	Inlet	54	61	66	71	75	77	78	72	83
HBFX 100 T4/T8 (A3:8) F400 (750 RPM - 38°)	Inlet	55	62	67	72	76	78	78	72	83
HBFX 100 T4/T8 (A3:8) F400 (750 RPM - 40°)	Inlet	56	63	68	73	76	78	79	73	84
HBFX 100 T4/T8 (A3:8) F400 (750 RPM - 42°)	Inlet	56	63	68	73	77	78	79	73	84
HBFX 100 T4/T8 (A3:8) F400 (1500 RPM - 20°)	Inlet	72	81	92	102	100	99	100	95	107

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HBFX 100 T4/T8 (A3:8) F400 (1500 RPM - 22º)	Inlet	72	80	91	100	99	98	99	94	106
HBFX 100 T4/T8 (A3:8) F400 (1500 RPM - 24º)	Inlet	72	79	89	97	97	97	98	93	104
HBFX 100 T4/T8 (A3:8) F400 (1500 RPM - 26º)	Inlet	72	79	88	95	96	96	97	92	103
HBFX 100 T4/T8 (A3:8) F400 (1500 RPM - 28º)	Inlet	72	79	87	93	96	95	96	91	102
HBFX 100 T4/T8 (A3:8) F400 (1500 RPM - 30º)	Inlet	72	79	86	91	95	95	96	90	101
HBFX 100 T4/T8 (A3:8) F400 (1500 RPM - 32º)	Inlet	71	79	84	90	93	94	95	89	100
HBFX 100 T4/T8 (A3:8) F400 (1500 RPM - 34º)	Inlet	71	78	83	88	92	93	94	88	99
HBFX 100 T4/T8 (A3:8) F400 (1500 RPM - 36º)	Inlet	70	77	82	87	91	93	94	87	99
HBFX 100 T4/T8 (A3:8) F400 (1500 RPM - 38º)	Inlet	71	78	83	88	92	94	94	88	99
HBFX 100 T4/T8 (A3:8) F400 (1500 RPM - 40º)	Inlet	71	79	84	89	92	94	95	89	100
HBFX 100 T4/T8 (A3:8) F400 (1500 RPM - 42º)	Inlet	72	79	84	89	93	94	95	89	100
HBFX 112 T4/T8 (A3:4) F400 (750 RPM - 20º)	Inlet	50	62	67	74	78	78	80	76	85
HBFX 112 T4/T8 (A3:4) F400 (750 RPM - 22º)	Inlet	52	63	68	74	78	79	81	76	86
HBFX 112 T4/T8 (A3:4) F400 (750 RPM - 24º)	Inlet	53	62	67	74	77	78	80	75	85
HBFX 112 T4/T8 (A3:4) F400 (750 RPM - 26º)	Inlet	54	62	67	73	77	78	79	74	84
HBFX 112 T4/T8 (A3:4) F400 (750 RPM - 28º)	Inlet	55	62	67	73	76	77	79	73	83
HBFX 112 T4/T8 (A3:4) F400 (750 RPM - 30º)	Inlet	55	62	67	72	76	77	78	72	83
HBFX 112 T4/T8 (A3:4) F400 (750 RPM - 32º)	Inlet	55	61	67	72	75	76	78	71	82
HBFX 112 T4/T8 (A3:4) F400 (750 RPM - 34º)	Inlet	54	60	66	71	74	76	77	70	82
HBFX 112 T4/T8 (A3:4) F400 (750 RPM - 36º)	Inlet	55	60	67	71	74	76	77	70	82
HBFX 112 T4/T8 (A3:4) F400 (750 RPM - 38º)	Inlet	55	61	67	72	75	76	78	71	82
HBFX 112 T4/T8 (A3:4) F400 (750 RPM - 40º)	Inlet	56	63	68	73	76	77	78	71	83

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HBFX 112 T4/T8 (A3:4) F400 (750 RPM - 42º)	Inlet	57	63	69	73	76	78	78	72	83
HBFX 112 T4/T8 (A3:4) F400 (1500 RPM - 20º)	Inlet	66	78	83	90	94	94	96	92	101
HBFX 112 T4/T8 (A3:4) F400 (1500 RPM - 22º)	Inlet	68	79	84	90	94	95	96	92	102
HBFX 112 T4/T8 (A3:4) F400 (1500 RPM - 24º)	Inlet	69	78	83	90	93	94	96	91	101
HBFX 112 T4/T8 (A3:4) F400 (1500 RPM - 26º)	Inlet	70	78	83	89	93	94	95	90	100
HBFX 112 T4/T8 (A3:4) F400 (1500 RPM - 28º)	Inlet	71	78	83	89	92	93	95	89	99
HBFX 112 T4/T8 (A3:4) F400 (1500 RPM - 30º)	Inlet	71	78	83	88	92	93	94	88	99
HBFX 112 T4/T8 (A3:4) F400 (1500 RPM - 32º)	Inlet	70	77	82	88	91	92	94	87	98
HBFX 112 T4/T8 (A3:4) F400 (1500 RPM - 34º)	Inlet	70	76	82	87	90	92	93	86	98
HBFX 112 T4/T8 (A3:4) F400 (1500 RPM - 36º)	Inlet	71	76	83	87	90	92	93	86	98
HBFX 112 T4/T8 (A3:4) F400 (1500 RPM - 38º)	Inlet	71	77	83	88	91	92	93	87	98
HBFX 112 T4/T8 (A3:4) F400 (1500 RPM - 40º)	Inlet	72	79	84	89	91	93	94	87	99
HBFX 112 T4/T8 (A3:4) F400 (1500 RPM - 42º)	Inlet	72	79	84	89	92	94	94	88	99
HBFX 112 T4/T8 (A3:8) F400 (750 RPM - 20º)	Inlet	57	66	76	85	85	87	87	81	93
HBFX 112 T4/T8 (A3:8) F400 (750 RPM - 22º)	Inlet	57	65	75	83	84	86	86	80	91
HBFX 112 T4/T8 (A3:8) F400 (750 RPM - 24º)	Inlet	57	65	74	81	83	85	85	79	90
HBFX 112 T4/T8 (A3:8) F400 (750 RPM - 26º)	Inlet	58	65	73	80	83	84	84	78	90
HBFX 112 T4/T8 (A3:8) F400 (750 RPM - 28º)	Inlet	58	65	72	78	82	83	83	78	89
HBFX 112 T4/T8 (A3:8) F400 (750 RPM - 30º)	Inlet	58	65	72	77	81	83	83	77	88
HBFX 112 T4/T8 (A3:8) F400 (750 RPM - 32º)	Inlet	58	65	70	76	80	81	81	75	87
HBFX 112 T4/T8 (A3:8) F400 (750 RPM - 34º)	Inlet	57	64	69	74	78	80	80	73	85
HBFX 112 T4/T8 (A3:8) F400 (750 RPM - 36º)	Inlet	57	64	69	74	77	79	80	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
HBFX 112 T4/T8 (A3:8) F400 (750 RPM - 38°)	Inlet	57	64	69	74	78	80	80	73	85
HBFX 112 T4/T8 (A3:8) F400 (750 RPM - 40°)	Inlet	58	65	70	74	78	80	80	74	86
HBFX 112 T4/T8 (A3:8) F400 (750 RPM - 42°)	Inlet	58	65	70	75	78	80	79	73	85
HBFX 112 T4/T8 (A3:8) F400 (1500 RPM - 20°)	Inlet	73	82	92	101	101	103	103	97	109
HBFX 112 T4/T8 (A3:8) F400 (1500 RPM - 22°)	Inlet	73	81	91	99	100	102	102	96	107
HBFX 112 T4/T8 (A3:8) F400 (1500 RPM - 24°)	Inlet	73	81	90	97	99	101	101	95	106
HBFX 112 T4/T8 (A3:8) F400 (1500 RPM - 26°)	Inlet	74	81	89	96	98	100	100	94	106
HBFX 112 T4/T8 (A3:8) F400 (1500 RPM - 28°)	Inlet	74	81	88	94	98	99	99	94	105
HBFX 112 T4/T8 (A3:8) F400 (1500 RPM - 30°)	Inlet	74	80	87	93	97	99	99	93	104
HBFX 112 T4/T8 (A3:8) F400 (1500 RPM - 32°)	Inlet	74	81	86	91	96	97	97	91	103
HBFX 112 T4/T8 (A3:8) F400 (1500 RPM - 34°)	Inlet	73	80	85	90	94	96	96	89	101
HBFX 112 T4/T8 (A3:8) F400 (1500 RPM - 36°)	Inlet	73	80	85	90	93	95	95	89	101
HBFX 112 T4/T8 (A3:8) F400 (1500 RPM - 38°)	Inlet	73	80	85	90	94	96	95	89	101
HBFX 112 T4/T8 (A3:8) F400 (1500 RPM - 40°)	Inlet	74	81	86	90	94	96	95	90	102
HBFX 112 T4/T8 (A3:8) F400 (1500 RPM - 42°)	Inlet	73	80	85	91	94	96	95	89	101
HBFX 125 T4/T8 (A3:4) F400 (750 RPM - 20°)	Inlet	56	69	74	82	86	86	88	85	93
HBFX 125 T4/T8 (A3:4) F400 (750 RPM - 22°)	Inlet	59	70	75	82	86	87	89	85	93
HBFX 125 T4/T8 (A3:4) F400 (750 RPM - 24°)	Inlet	59	69	74	80	84	85	87	82	91
HBFX 125 T4/T8 (A3:4) F400 (750 RPM - 26°)	Inlet	60	68	73	78	82	83	85	80	90
HBFX 125 T4/T8 (A3:4) F400 (750 RPM - 28°)	Inlet	60	67	72	77	80	82	83	77	88
HBFX 125 T4/T8 (A3:4) F400 (750 RPM - 30°)	Inlet	58	65	70	75	79	80	81	75	86
HBFX 125 T4/T8 (A3:4) F400 (750 RPM - 32°)	Inlet	58	65	70	75	78	80	81	74	86

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HBFX 125 T4/T8 (A3:4) F400 (750 RPM - 34°)	Inlet	58	65	70	74	77	79	80	72	85
HBFX 125 T4/T8 (A3:4) F400 (750 RPM - 36°)	Inlet	58	65	70	74	77	79	80	72	85
HBFX 125 T4/T8 (A3:4) F400 (750 RPM - 38°)	Inlet	58	65	70	75	77	79	80	73	85
HBFX 125 T4/T8 (A3:4) F400 (750 RPM - 40°)	Inlet	59	66	71	75	78	80	80	73	86
HBFX 125 T4/T8 (A3:4) F400 (750 RPM - 42°)	Inlet	59	66	71	76	79	81	80	74	86
HBFX 125 T4/T8 (A3:4) F400 (1500 RPM - 20°)	Inlet	72	85	90	98	102	102	104	101	109
HBFX 125 T4/T8 (A3:4) F400 (1500 RPM - 22°)	Inlet	75	86	91	98	102	103	105	101	109
HBFX 125 T4/T8 (A3:4) F400 (1500 RPM - 24°)	Inlet	75	85	90	96	100	101	103	98	107
HBFX 125 T4/T8 (A3:4) F400 (1500 RPM - 26°)	Inlet	76	84	89	94	98	99	101	96	106
HBFX 125 T4/T8 (A3:4) F400 (1500 RPM - 28°)	Inlet	75	82	87	93	96	98	99	93	104
HBFX 125 T4/T8 (A3:4) F400 (1500 RPM - 30°)	Inlet	74	81	86	91	95	96	97	91	102
HBFX 125 T4/T8 (A3:4) F400 (1500 RPM - 32°)	Inlet	74	81	86	90	94	96	96	90	102
HBFX 125 T4/T8 (A3:4) F400 (1500 RPM - 34°)	Inlet	73	80	85	90	93	95	96	88	101
HBFX 125 T4/T8 (A3:4) F400 (1500 RPM - 36°)	Inlet	74	81	86	90	93	95	96	88	101
HBFX 125 T4/T8 (A3:4) F400 (1500 RPM - 38°)	Inlet	74	81	86	91	93	95	96	89	101
HBFX 125 T4/T8 (A3:4) F400 (1500 RPM - 40°)	Inlet	75	82	87	91	93	96	96	89	102
HBFX 125 T4/T8 (A3:4) F400 (1500 RPM - 42°)	Inlet	75	82	87	92	94	96	96	90	102
HBFX 125 T4/T8 (A3:8) F400 (750 RPM - 20°)	Inlet	62	71	78	87	92	95	94	89	99
HBFX 125 T4/T8 (A3:8) F400 (750 RPM - 22°)	Inlet	63	70	77	86	91	94	93	88	98
HBFX 125 T4/T8 (A3:8) F400 (750 RPM - 24°)	Inlet	62	70	76	84	90	92	92	86	97
HBFX 125 T4/T8 (A3:8) F400 (750 RPM - 26°)	Inlet	62	69	75	82	88	90	90	84	95
HBFX 125 T4/T8 (A3:8) F400 (750 RPM - 28°)	Inlet	62	68	75	81	86	89	89	82	94

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HBFX 125 T4/T8 (A3:8) F400 (750 RPM - 30°)	Inlet	62	67	74	80	85	87	88	81	92
HBFX 125 T4/T8 (A3:8) F400 (750 RPM - 32°)	Inlet	61	67	73	79	83	86	86	79	91
HBFX 125 T4/T8 (A3:8) F400 (750 RPM - 34°)	Inlet	61	68	73	78	81	84	84	76	89
HBFX 125 T4/T8 (A3:8) F400 (750 RPM - 36°)	Inlet	61	68	73	77	81	83	82	75	88
HBFX 125 T4/T8 (A3:8) F400 (750 RPM - 38°)	Inlet	60	67	72	77	80	82	82	75	88
HBFX 125 T4/T8 (A3:8) F400 (750 RPM - 40°)	Inlet	60	67	72	77	80	82	81	74	87
HBFX 125 T4/T8 (A3:8) F400 (750 RPM - 42°)	Inlet	60	67	72	77	80	82	80	74	87
HBFX 125 T4/T8 (A3:8) F400 (1500 RPM - 20°)	Inlet	78	86	93	103	108	111	110	105	115
HBFX 125 T4/T8 (A3:8) F400 (1500 RPM - 22°)	Inlet	79	86	93	102	107	110	109	104	114
HBFX 125 T4/T8 (A3:8) F400 (1500 RPM - 24°)	Inlet	78	85	92	100	106	108	108	102	113
HBFX 125 T4/T8 (A3:8) F400 (1500 RPM - 26°)	Inlet	78	85	91	98	104	106	106	100	111
HBFX 125 T4/T8 (A3:8) F400 (1500 RPM - 28°)	Inlet	78	84	91	97	102	105	105	98	110
HBFX 125 T4/T8 (A3:8) F400 (1500 RPM - 30°)	Inlet	77	83	90	96	101	103	104	97	108
HBFX 125 T4/T8 (A3:8) F400 (1500 RPM - 32°)	Inlet	77	83	89	95	99	102	102	94	107
HBFX 125 T4/T8 (A3:8) F400 (1500 RPM - 34°)	Inlet	77	83	89	94	97	99	100	92	105
HBFX 125 T4/T8 (A3:8) F400 (1500 RPM - 36°)	Inlet	77	83	89	93	96	98	98	91	104
HBFX 125 T4/T8 (A3:8) F400 (1500 RPM - 38°)	Inlet	76	83	88	93	96	98	97	91	104
HBFX 125 T4/T8 (A3:8) F400 (1500 RPM - 40°)	Inlet	76	83	88	93	96	98	97	90	103
HBFX 125 T4/T8 (A3:8) F400 (1500 RPM - 42°)	Inlet	76	83	88	93	96	98	96	90	103