

BVCR



DOUBLE INLET, FREE SHAFT WITH NO MOTOR

MANUFACTURING FEATURES:

- Casing made of galvanized steel.
- Turbine blade multi-blade forward curved double ear galvanized sheet
- transmission shaft with anti-rust treatment.
- The fan is supplied free shaft.
- Shaft protruding on both sides to allow mounting of pulleys and belts
- Cubic assembly with side panels that reinforce the whole fan.
- Fan with reinforced structure and bearings supported on rigid bridge structure

APPLICATIONS:

Designed for assembly in equipment:

- Ventilation boxes and air handling units.
- Centrifugal heaters.
- Industrial and professional kitchen hoods.
- Maximum working temperature: 60°C.

UNDER REQUEST:

- Installation of complete fan with motor, pulleys and belts.

Accessories



BS

INT

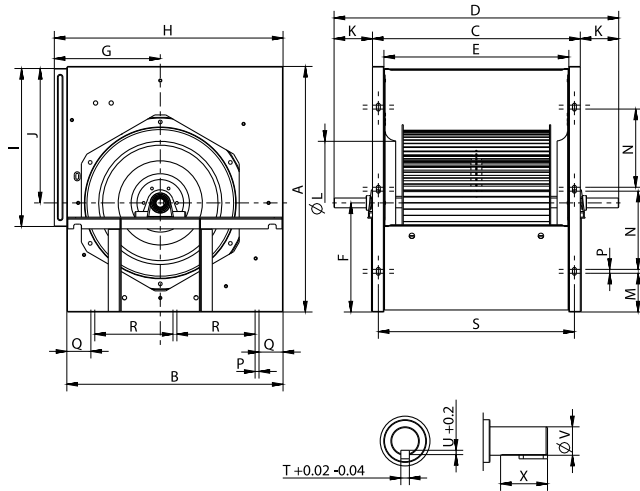
JE-45

RI

Technical data

Code	Model	Max. Airflow m3/h	Weight
252370190	BVCR 15/15	15.130	34
252450190	BVCR 18/18	24.410	46
252550190	BVCR 20/20	25.000	84
252650190	BVCR 22/22	30.300	94
252750190	BVCR 25/25	46.600	113
252950190	BVCR 30/28	62.670	145

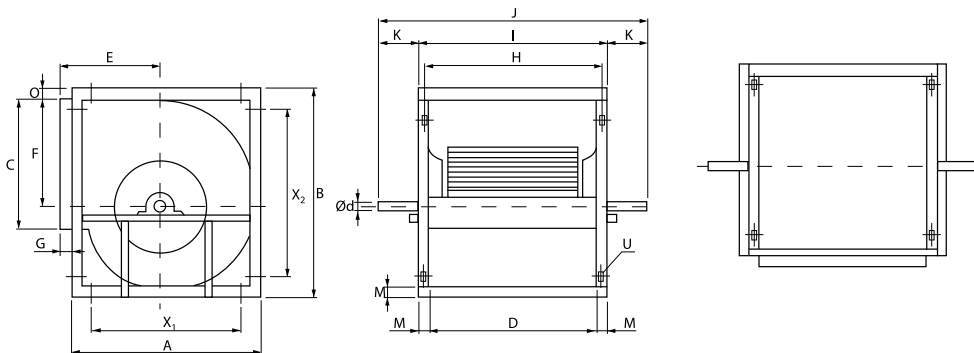
Dimensions



Model	A	B	C	D	E	F	G	H	I
BVCR 15/15	628	553	533	630	473	285	271	585	404
BVCR 18/18	748	653	616	728	556	335	311	685	483

Model	J	K	L	M	N	P	Q	R	S
BVCR 15/15	343	98	321	99	200	10	60	200	503
BVCR 18/18	413	73	397	109	250	10	60	250	586

Model	T	U	V	X
BVCR 15/15	8	4	25	52
BVCR 18/18	8	4	25	52



Model	A	B	C	D	E	F	G	H	I
BVCR 20/20	795	935	604	602	372	523	44	642	682

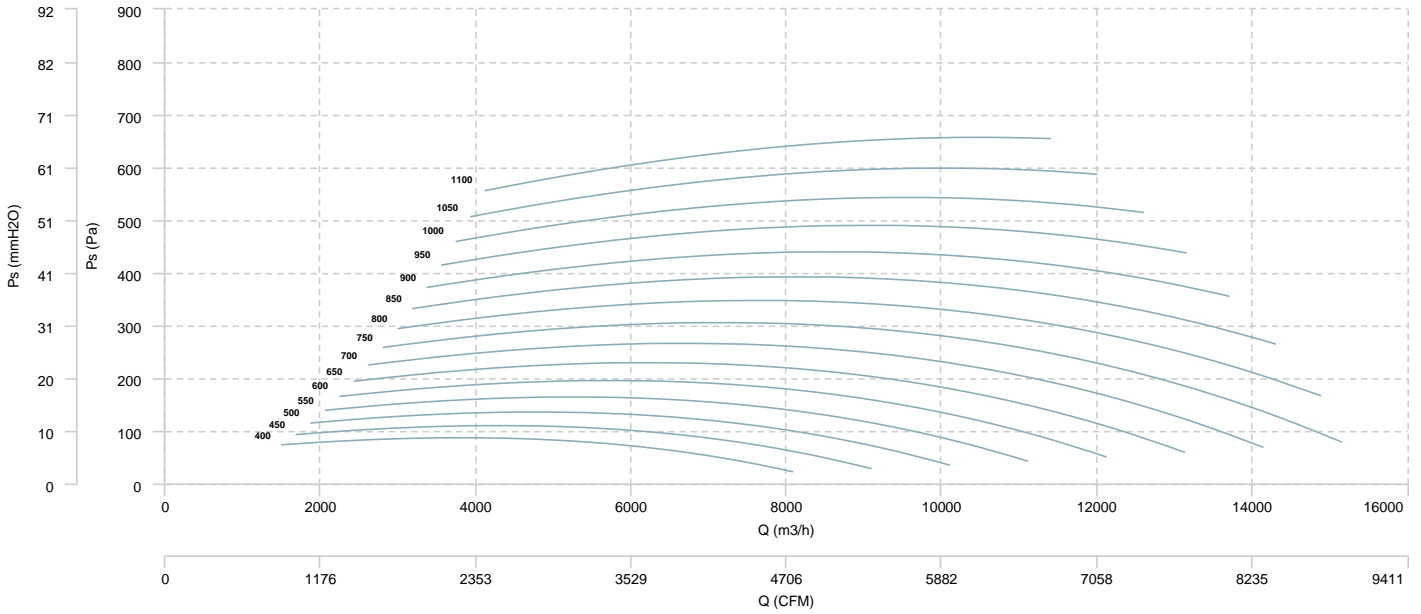
Model	A	B	C	D	E	F	G	H	I
BVCR 22/22	863	1019	692	655	399	571	44	695	735
BVCR 25/25	953	1142	793	765	426	640	44	805	845
BVCR 30/28	1159	1374	933	890	516	778	44	930	970

Model	J	K	M	O	U	X1	X2	Ød
BVCR 20/20	872	95	40	6	Ø12	595	735	35
BVCR 22/22	925	95	40	6	Ø12	663	819	35
BVCR 25/25	1035	95	40	6	Ø12	753	942	35
BVCR 30/28	1230	130	40	6	Ø12	959	1174	40

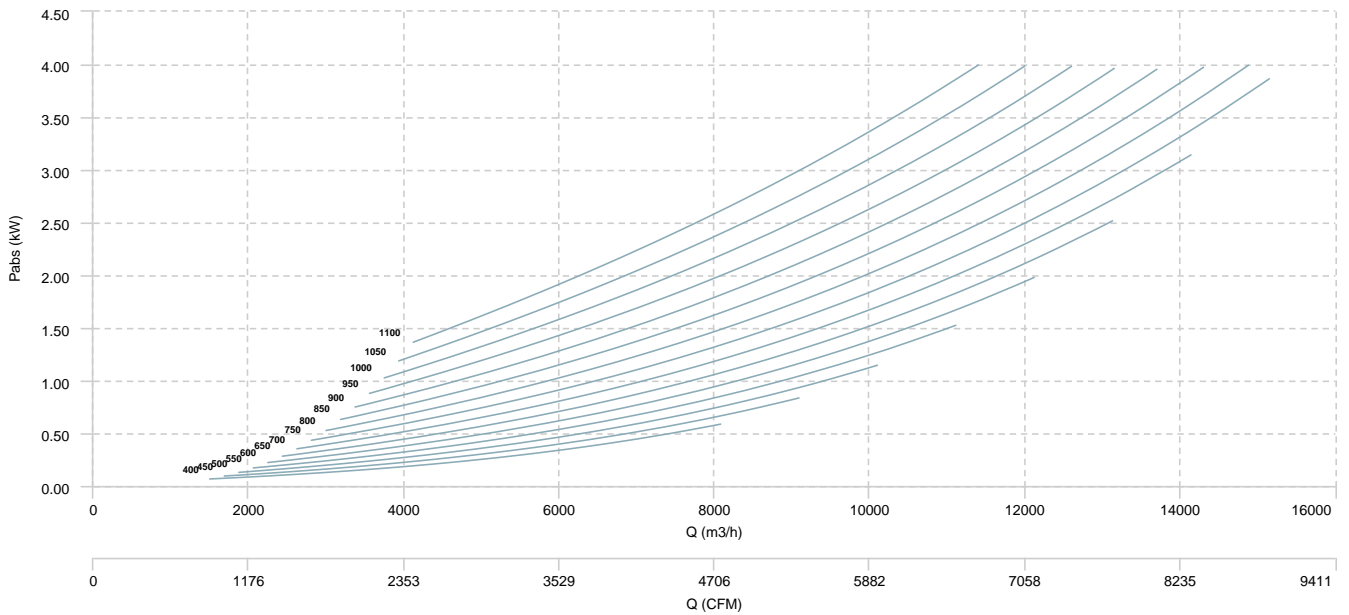
CHARACTERISTIC CURVE

BVCR 15/15

AIR FLOW - PRESSURE

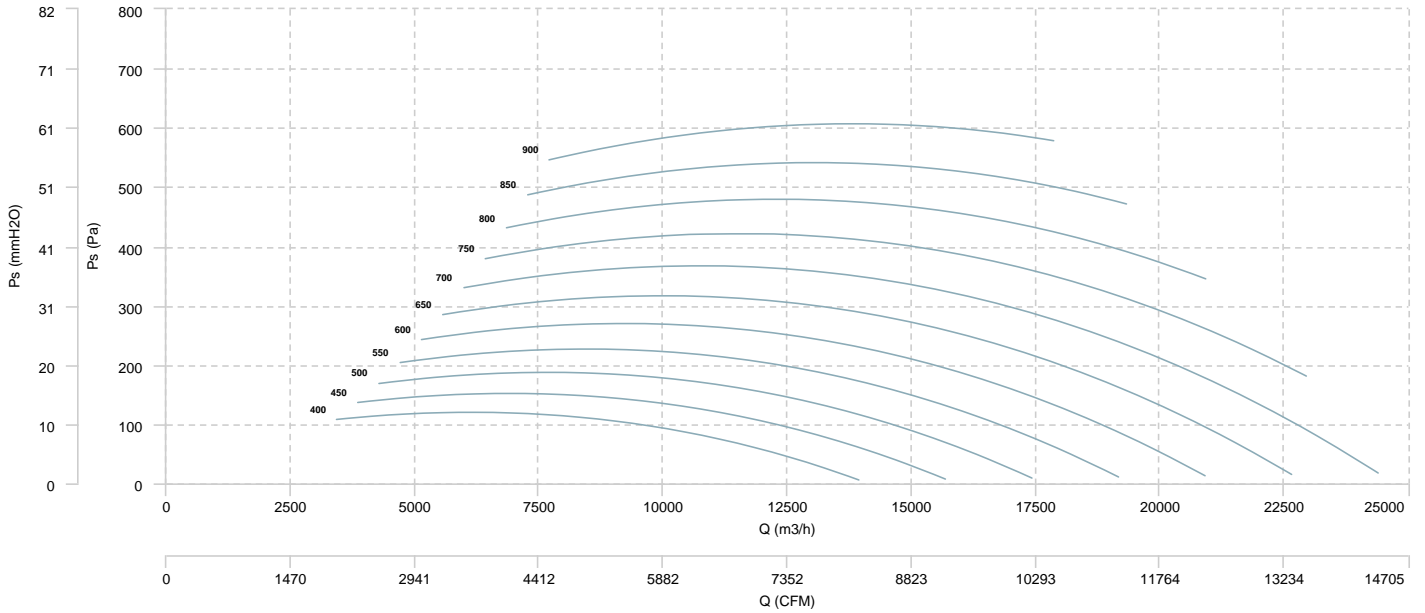


AIR FLOW - MECHANICAL POWER

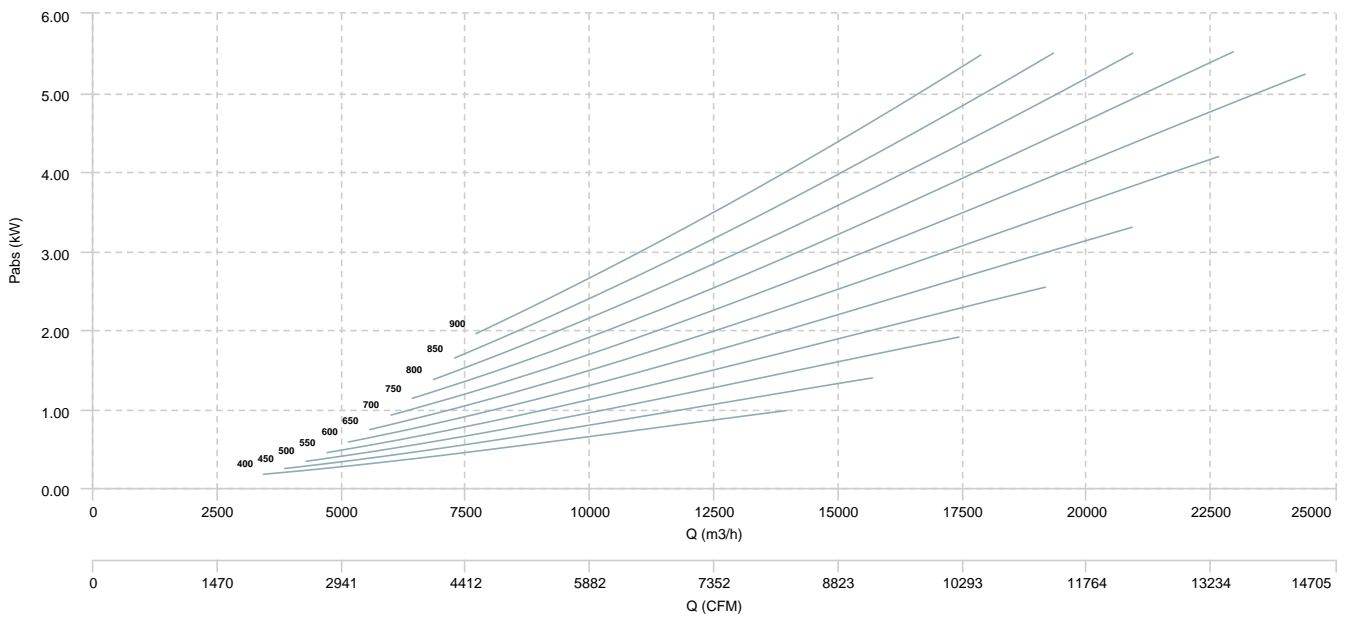


BVCR 18/18

AIR FLOW - PRESSURE

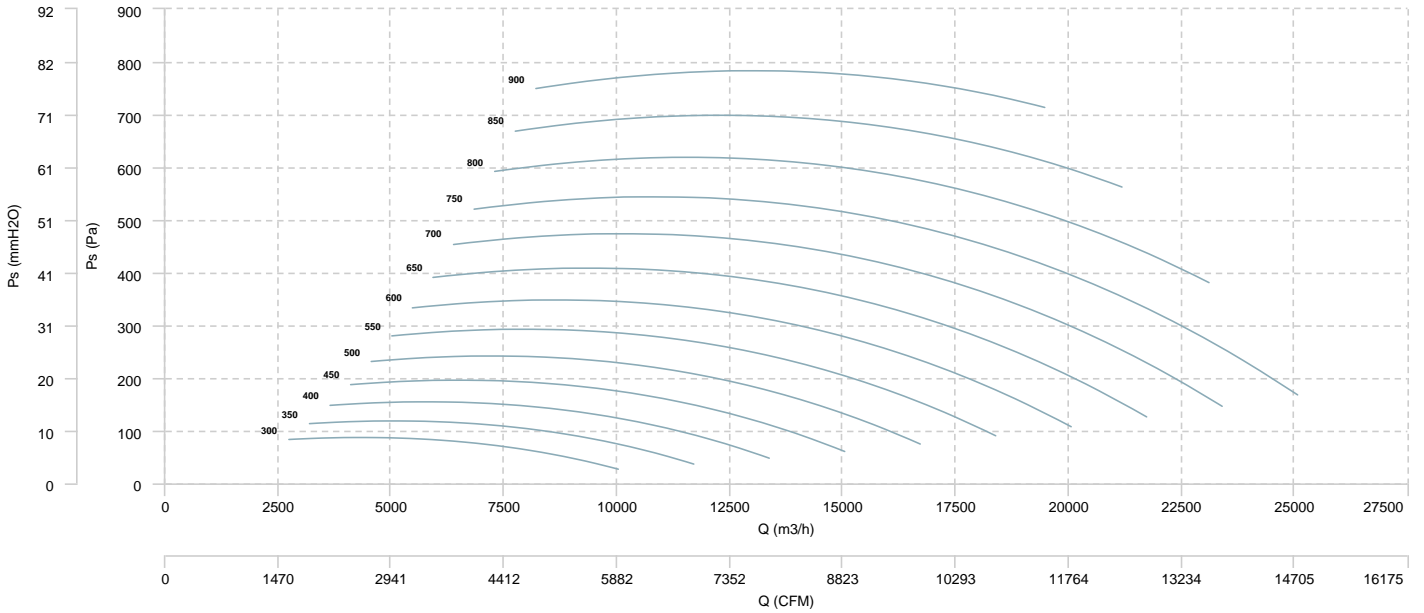


AIR FLOW - MECHANICAL POWER

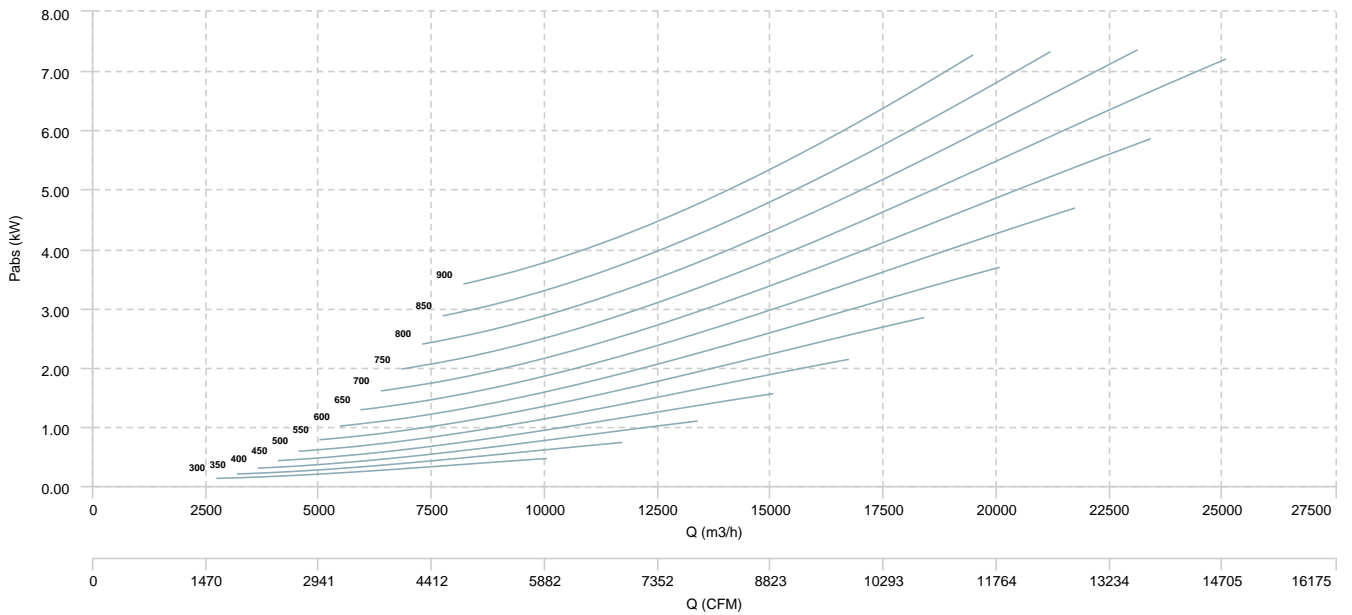


BVCR 20/20

AIR FLOW - PRESSURE

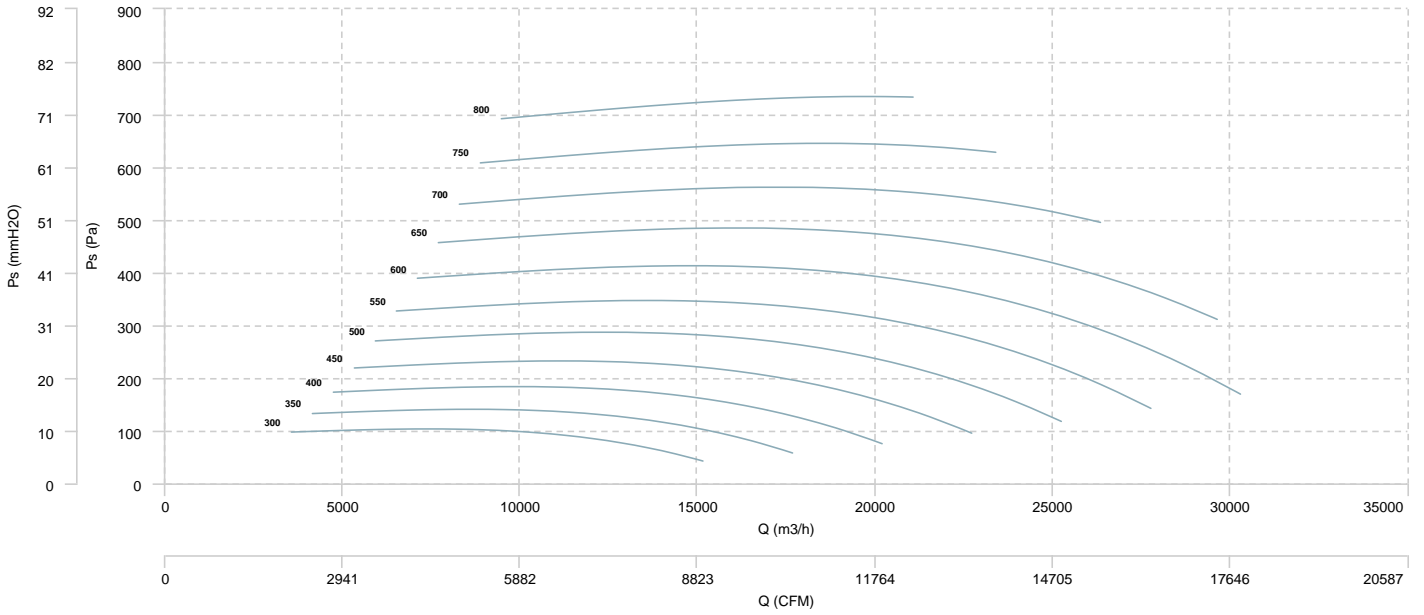


AIR FLOW - MECHANICAL POWER

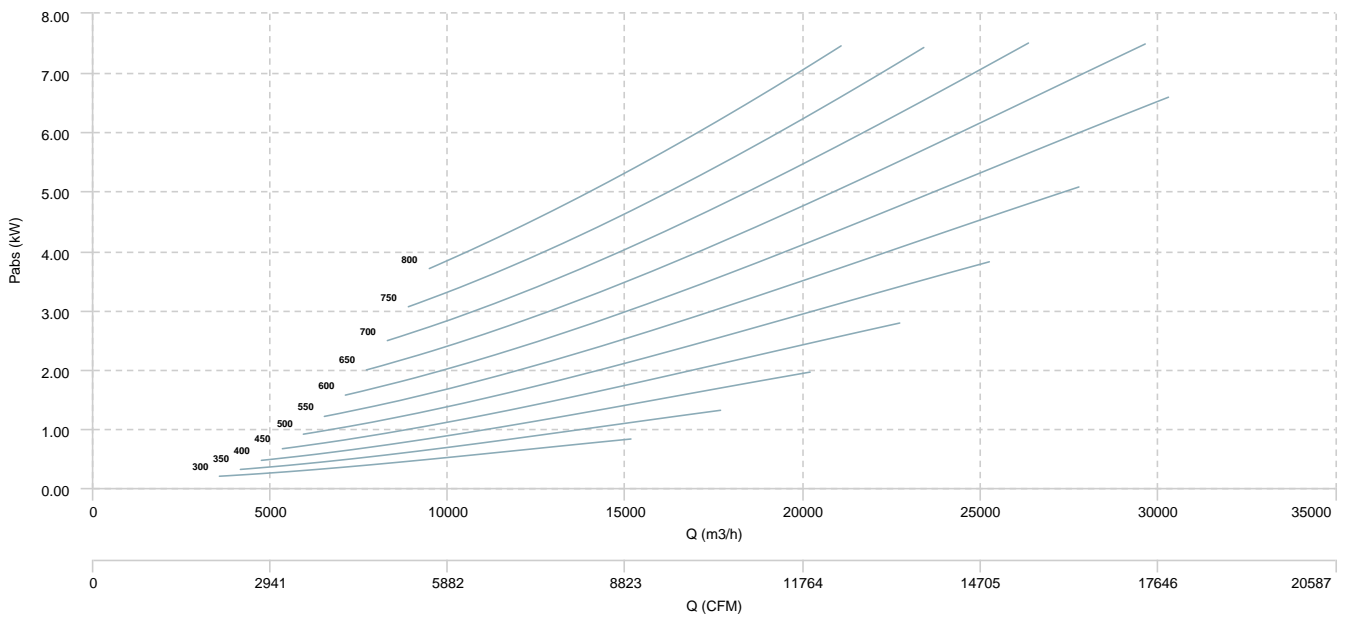


BVCR 22/22

AIR FLOW - PRESSURE

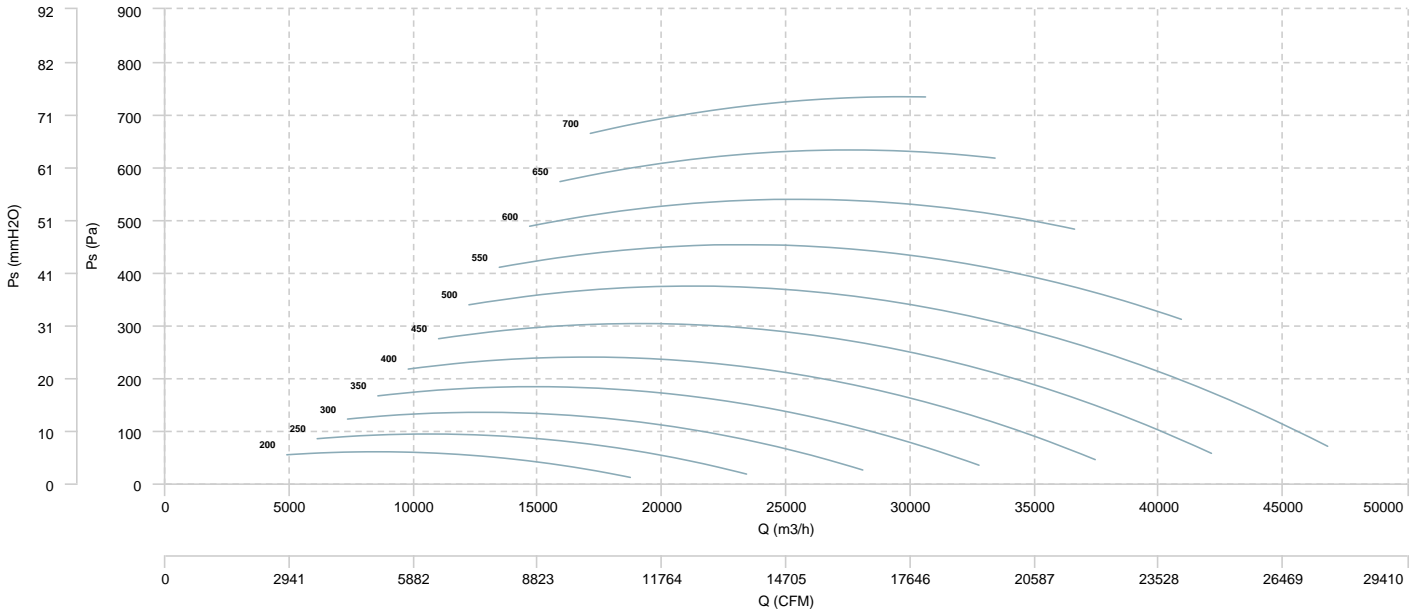


AIR FLOW - MECHANICAL POWER

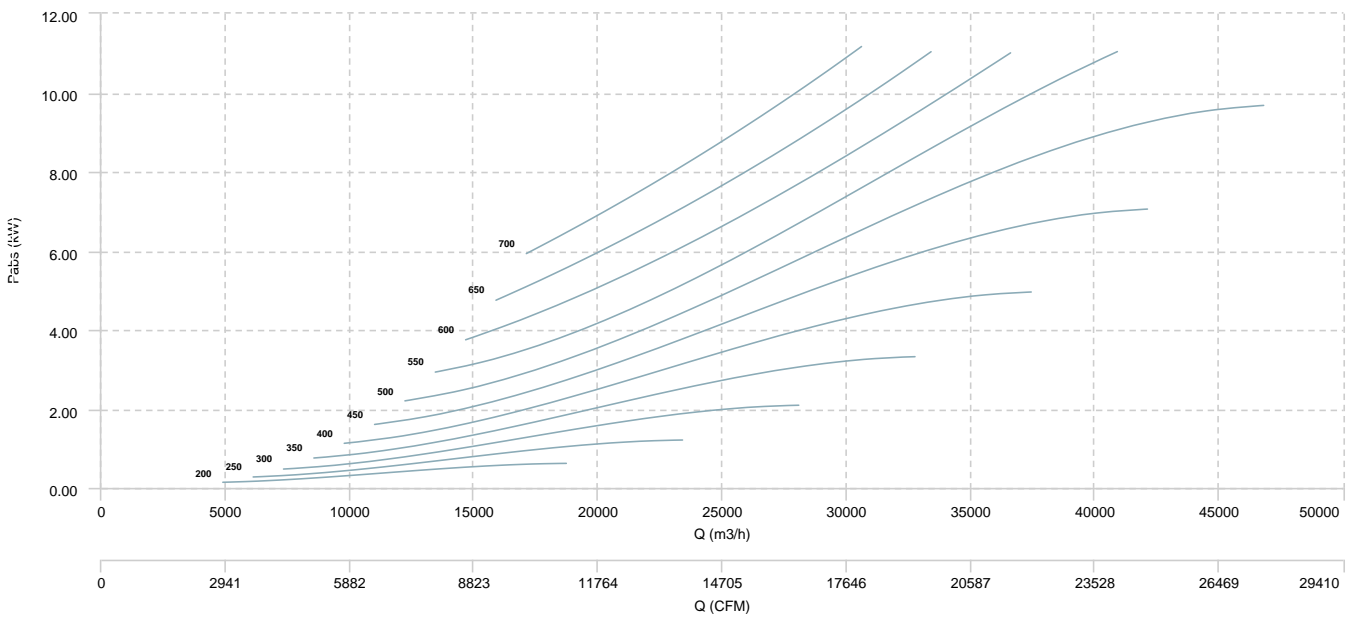


BVCR 25/25

AIR FLOW - PRESSURE

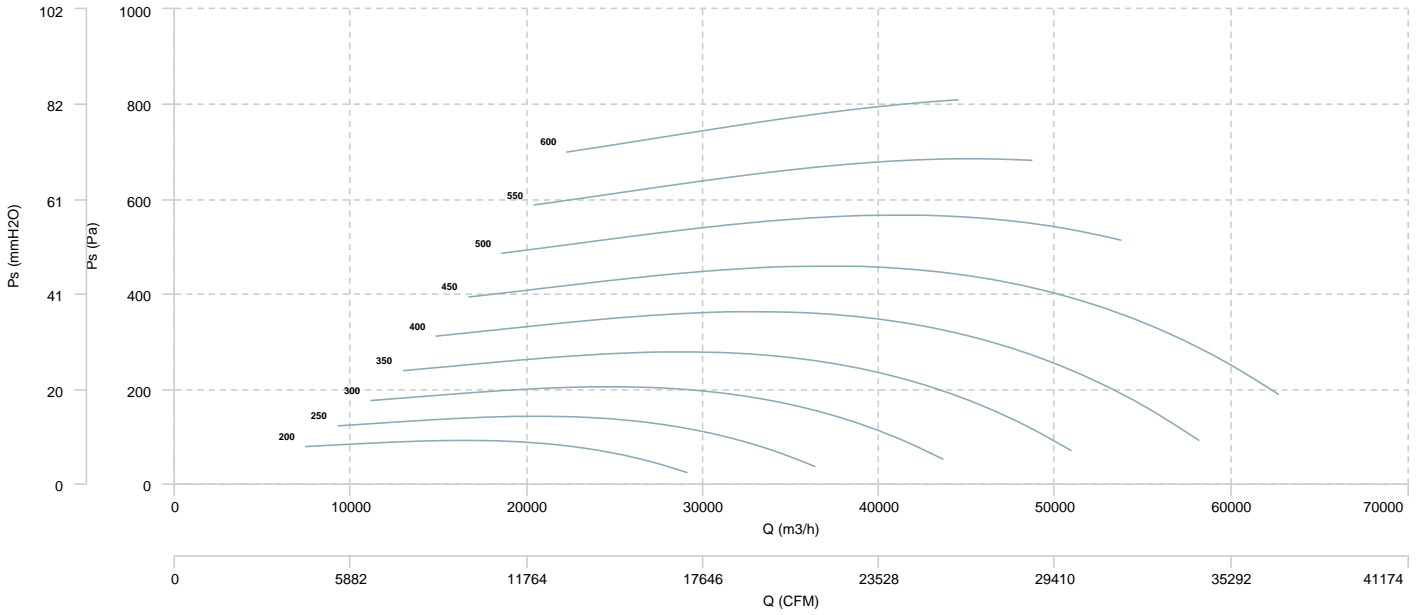


AIR FLOW - MECHANICAL POWER

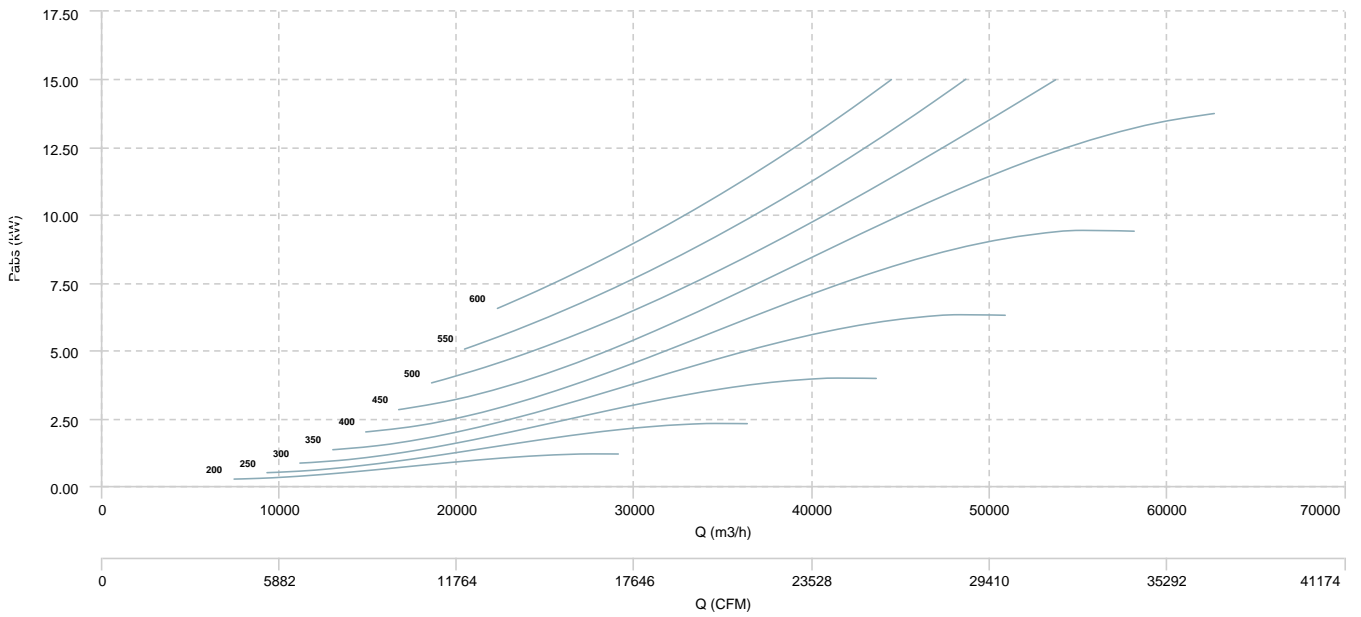


BVCR 30/28

AIR FLOW - PRESSURE



AIR FLOW - MECHANICAL POWER



Sound data

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
BVCR 15/15 (400 RPM)	Inlet	50	60	60	66	70	69	65	59	74
BVCR 18/18 (400 RPM)	Inlet	53	60	63	71	72	70	67	58	77
BVCR 20/20 (300 RPM)	Inlet	49	56	59	67	68	66	63	54	73
BVCR 22/22 (300 RPM)	Inlet	53	60	63	71	71	70	66	57	76
BVCR 25/25 (200 RPM)	Inlet	46	52	56	64	64	63	59	50	69
BVCR 30/28 (200 RPM)	Inlet	49	56	59	67	67	66	62	53	72

Notes:

* To calculate the sound power level at different rpm from those indicated above, use the following formula:

$$Lw\ dB(A)_{rpmA} = Lw\ dB(A)_{rpmB} + 52.5 \cdot \log_{10} \frac{rpmA}{rpmB}$$