

BVCR



DOUBLE INLET, FREE SHAFT WITH NO MOTOR

MANUFACTURING FEATURES:

- Galvanised steel sheet housing.
- Double inlet forward curved impeller in all models.
- Transmission shaft with anticorrosion treatment.
- Supplied with free shaft.
- Transmission shaft standing out on both sides of the fan to allow motor, pulleys and belts assembly.
- Fan with reinforced structure and bridge bearings supported on the rigid structure.

APPLICATIONS:

Designed for assembly in equipment:

- Ventilation boxes and air handling units.
- Centrifugal heaters.
- Industrial and professional kitchen hoods.
- Maximum working temperature: 100°C.

Accessories



BS

INT

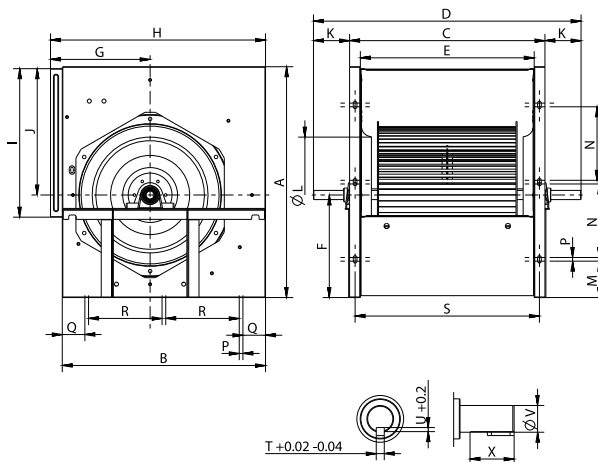
JE 45

RI

Technical data

Code	Model	Max. Airflow m³/h	Weight kg
252370190	BVCR 15/15	15.150	34
252450190	BVCR 18/18	24.400	46
252550190	BVCR 20/20	25.070	84
252650190	BVCR 22/22	30.300	94
252750190	BVCR 25/25	46.800	113
252950190	BVCR 30/28	62.670	145

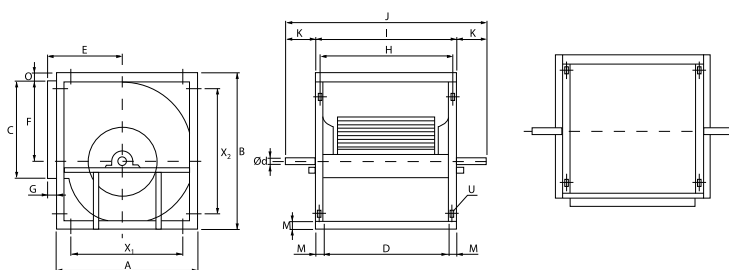
Dimensions



Model	A	B	C	D	E	F	G	H	I
BVCR 15/15	628	553	532	728	473	285	271	585	404
BVCR 18/18	748	653	615	760	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



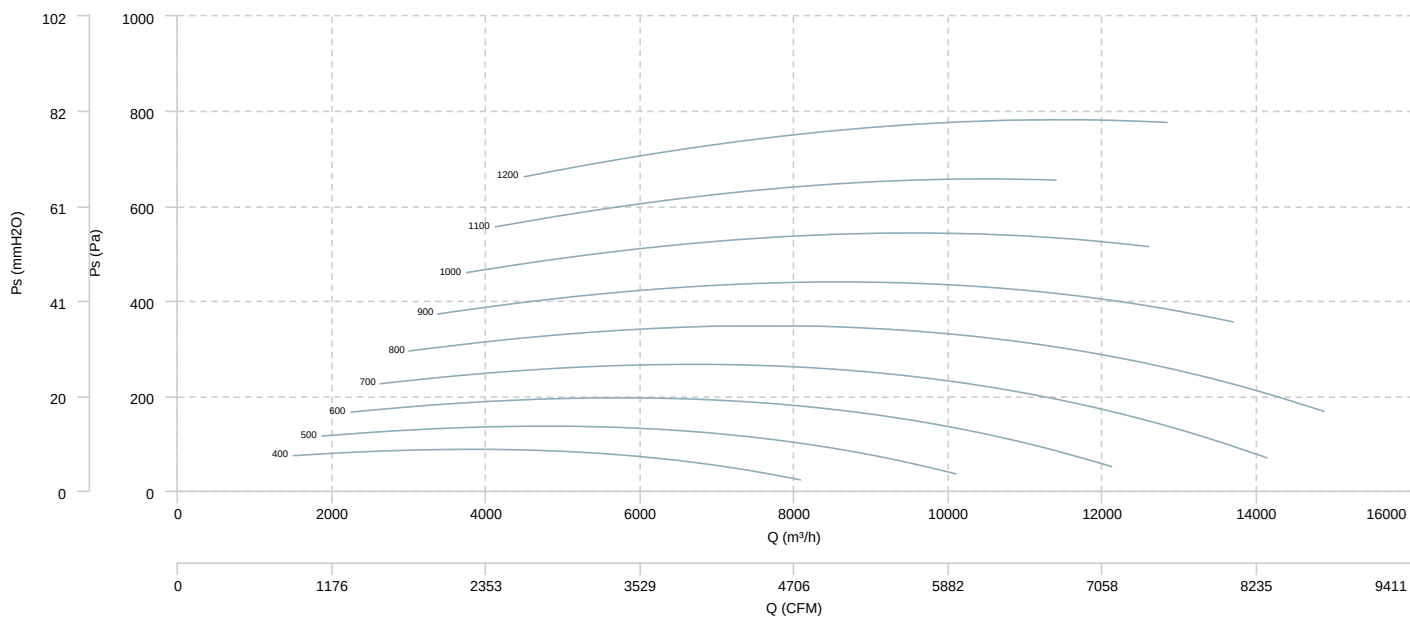
Model	A	B	C	D	E	F	G	H	I
BVCR 20/20	795	935	604	602	372	523	44	642	682
BVCR 22/22	863	1019	692	655	399	571	44	695	735
BVCR 25/25	953	1142	793	765	426	640	44	805	845
BVCR 30/28	1159	1374	933	890	516	778	44	930	970

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

CHARACTERISCTIC CURVE

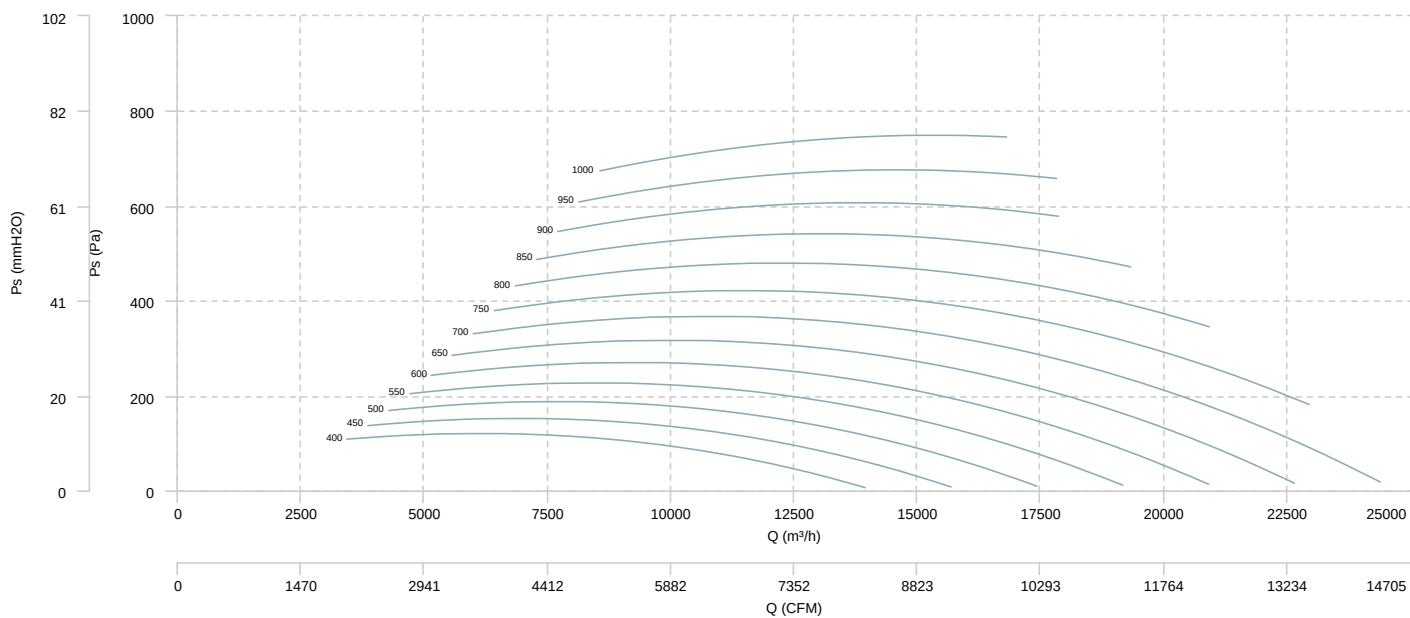
BVCR 15/15

AIR FLOW - PRESSURE



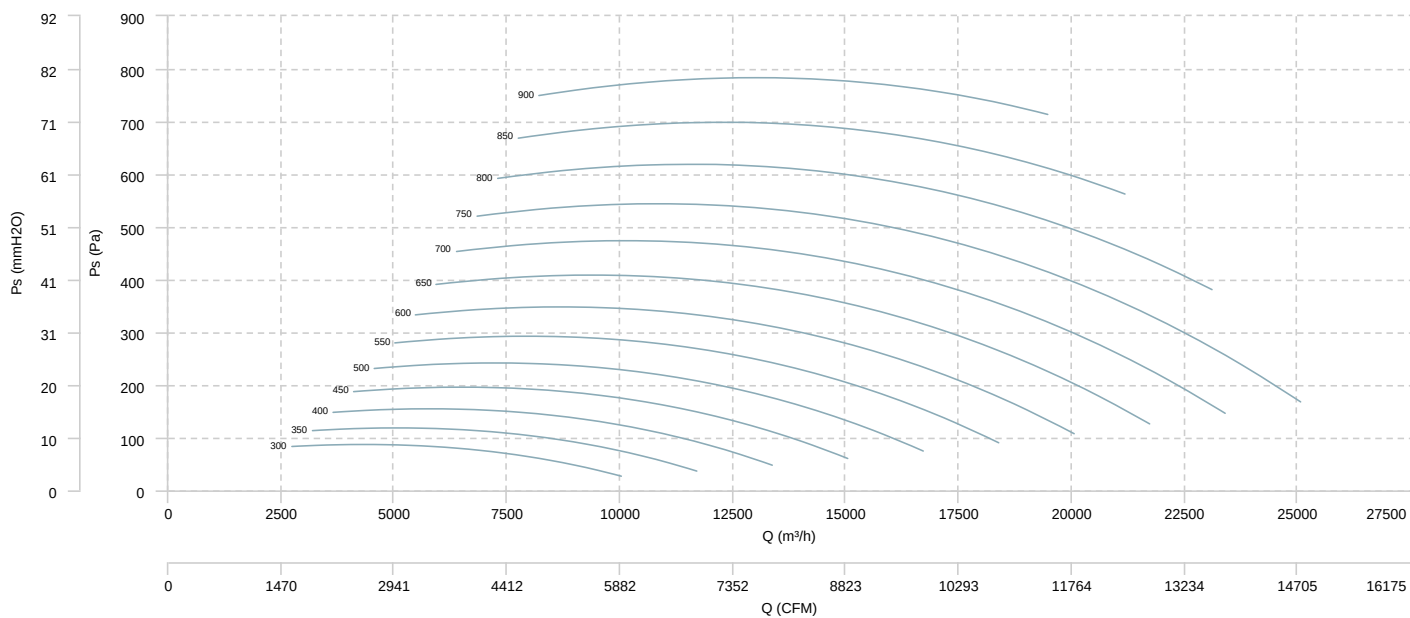
BVCR 18/18

AIR FLOW - PRESSURE



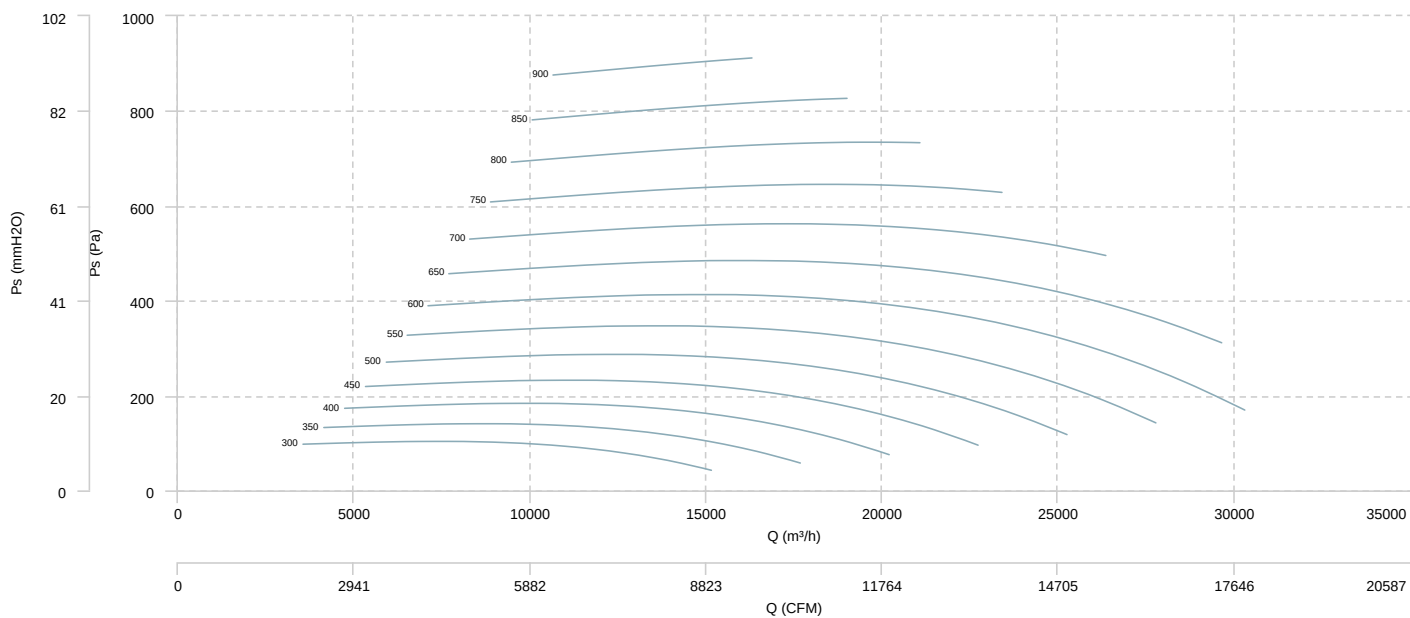
BVCR 20/20

AIR FLOW - PRESSURE



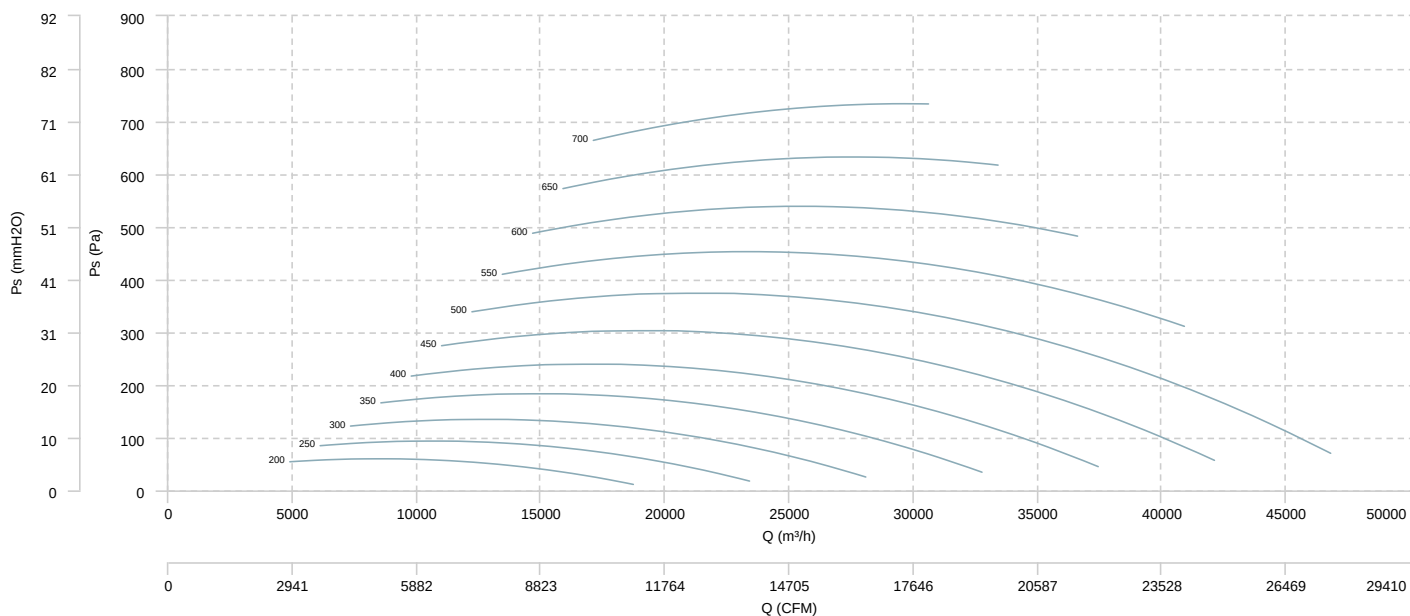
BVCR 22/22

AIR FLOW - PRESSURE



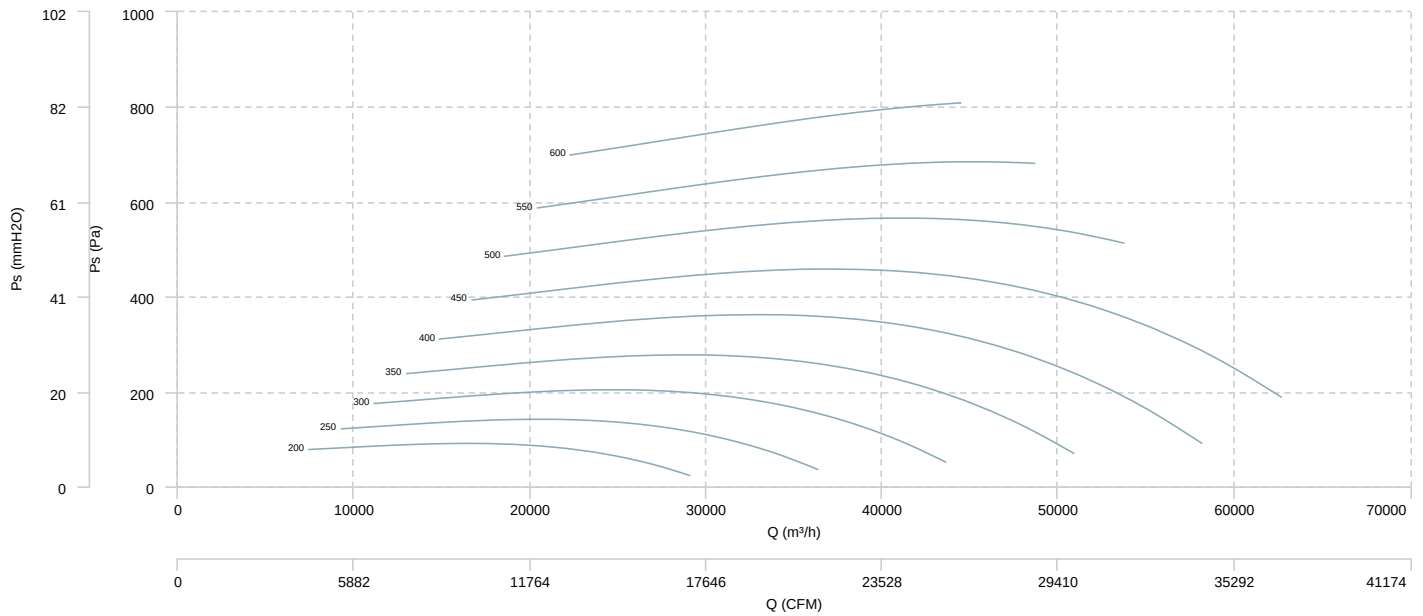
BVCR 25/25

AIR FLOW - PRESSURE



BVCR 30/28

AIR FLOW - PRESSURE



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)	Inlet	50	60	60	66	70	69	65	59	74
BVCR 18/18 (400)	Inlet	53	60	63	71	72	70	67	58	77
BVCR 20/20 (300)	Inlet	49	56	59	67	68	66	63	54	73
BVCR 22/22 (300)	Inlet	53	60	63	71	71	70	66	57	76
BVCR 25/25 (200)	Inlet	46	52	56	64	64	63	59	50	69
BVCR 30/28 (200)	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:

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