

BV



DOUBLE INLET, FREE SHAFT WITH NO MOTOR

MANUFACTURING FEATURES

- Galvanised steel sheet housing.
- Double inlet forward curved impeller in all models.
- Fan supplied with supports (included in price) except for sizes 15/15 (39/39) and 18/18 (47/47).
- 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.
- Impellers made of polyamide reinforced with fibreglass for sizes 7/7, 9/9, 10/10 and 12/12; rest of models made of galvanised steel sheet. Ball bearings permanently greased on rubber rings.

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:

- Metallic impeller.
- Frame mounted MBI.

Accessories



INT



JE 45



MBI



RI



S

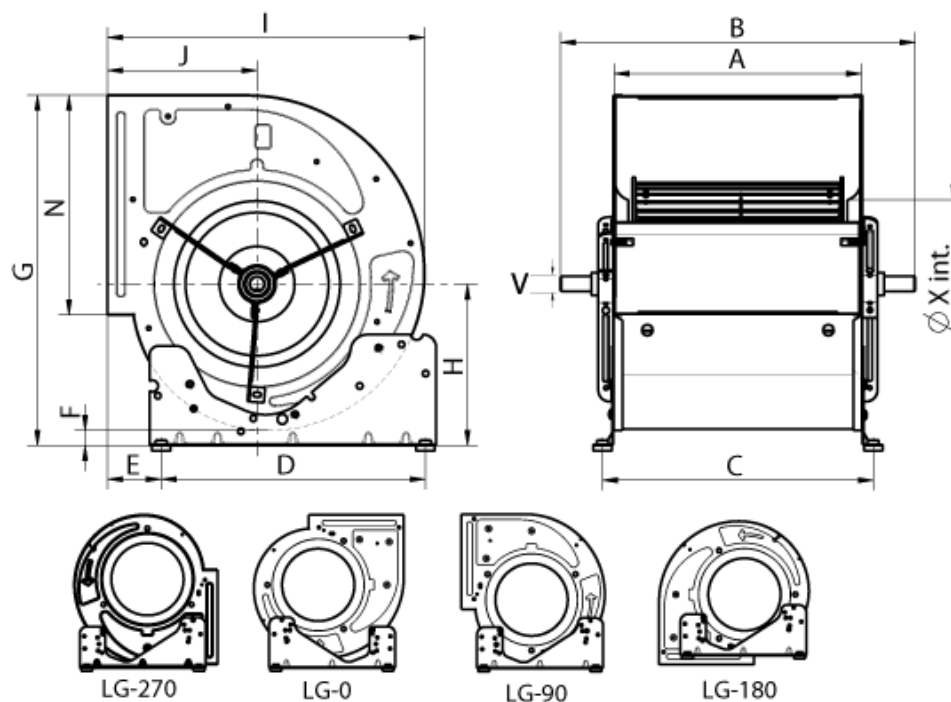


TM

Technical data

Code	Model	Max. Airflow m³/h	Weight kg
252090165	BV 7/7	3.600	6
252190165	BV 9/7	4.840	8
252180165	BV 9/9	5.820	9
252220165	BV 10/8	6.010	11
252210165	BV 10/10	7.460	12
252310160	BV 12/9	9.160	17
252300160	BV 12/12	10.450	20
252370160	BV 15/15	15.150	31
252450160	BV 18/18	24.400	42

Dimensions



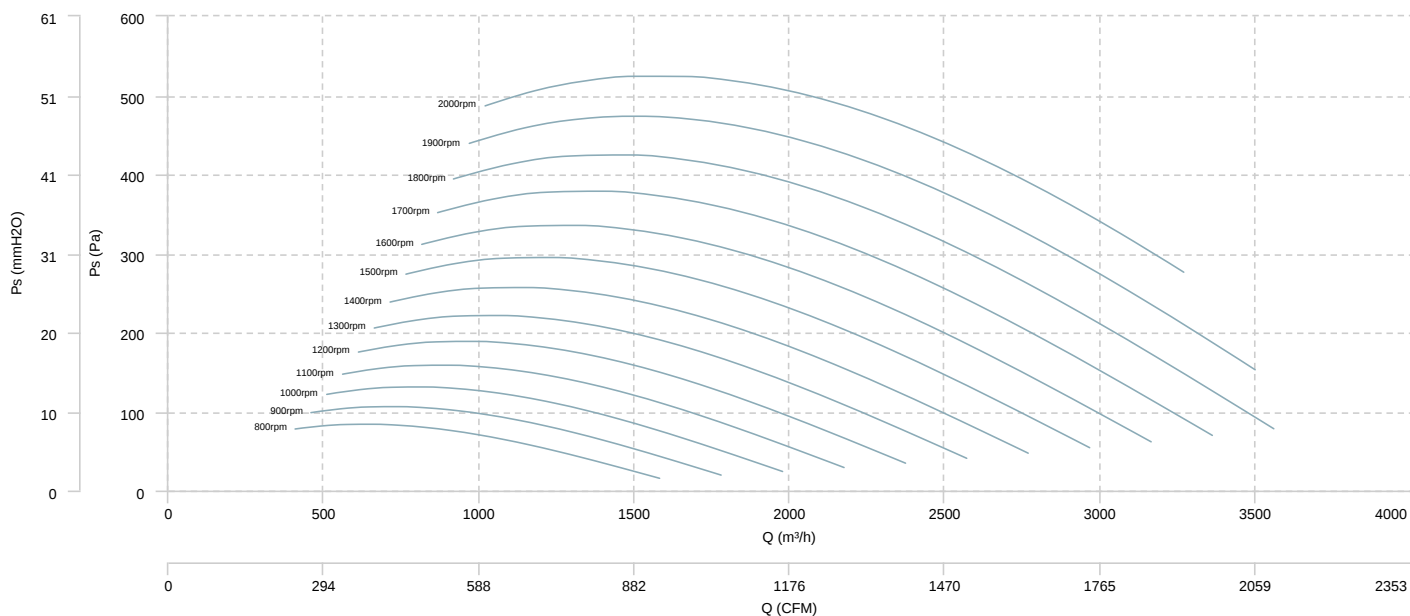
Model	A	B	C	D	E	F	G	H	I
BV 7/7	230	370	259	245	48,5	9,5	337	150	313
BV 9/7	233	370	262	245	70	19	407	191	376
BV 9/9	301	440	330	245	70	19	407	191	376
BV 10/8	265	440	294	350	70,5	20	464	214	420
BV 10/10	329	470	359	350	70,5	20	464	214	420
BV 12/9	310	460	339	350	77	17	536	244	490
BV 12/12	396	546	425	350	77	17	536	244	490
BV 15/15	473	630	499	485	69	8	625	281	580
BV 18/18	556	728	582	485	92	12	749	336	680

Model	J	N	ØV	ØX
BV 7/7	153	208	20	158
BV 9/7	184	260	20	202
BV 9/9	184	260	20	202
BV 10/8	198	291	20	220
BV 10/10	198	291	20	220
BV 12/9	230	343,5	25	260
BV 12/12	230	343,5	25	260
BV 15/15	271	404	25	315
BV 18/18	311	483	25	396

CHARACTERISCTIC CURVE

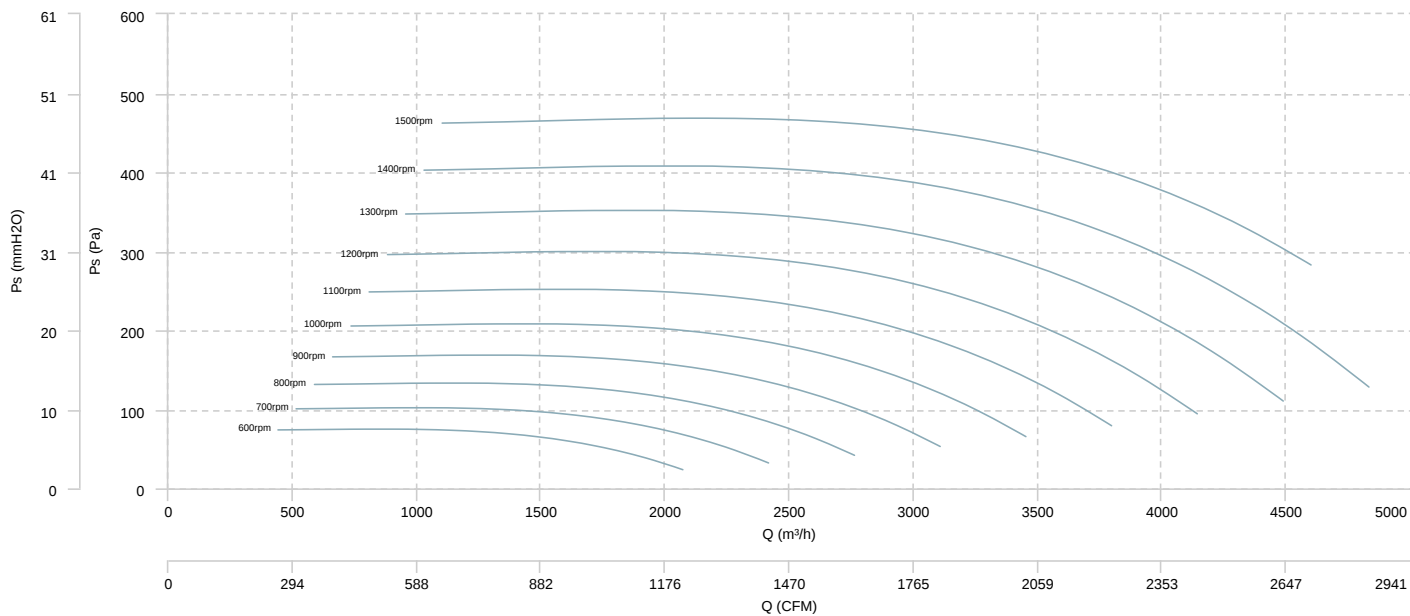
BV 7/7

AIR FLOW - PRESSURE



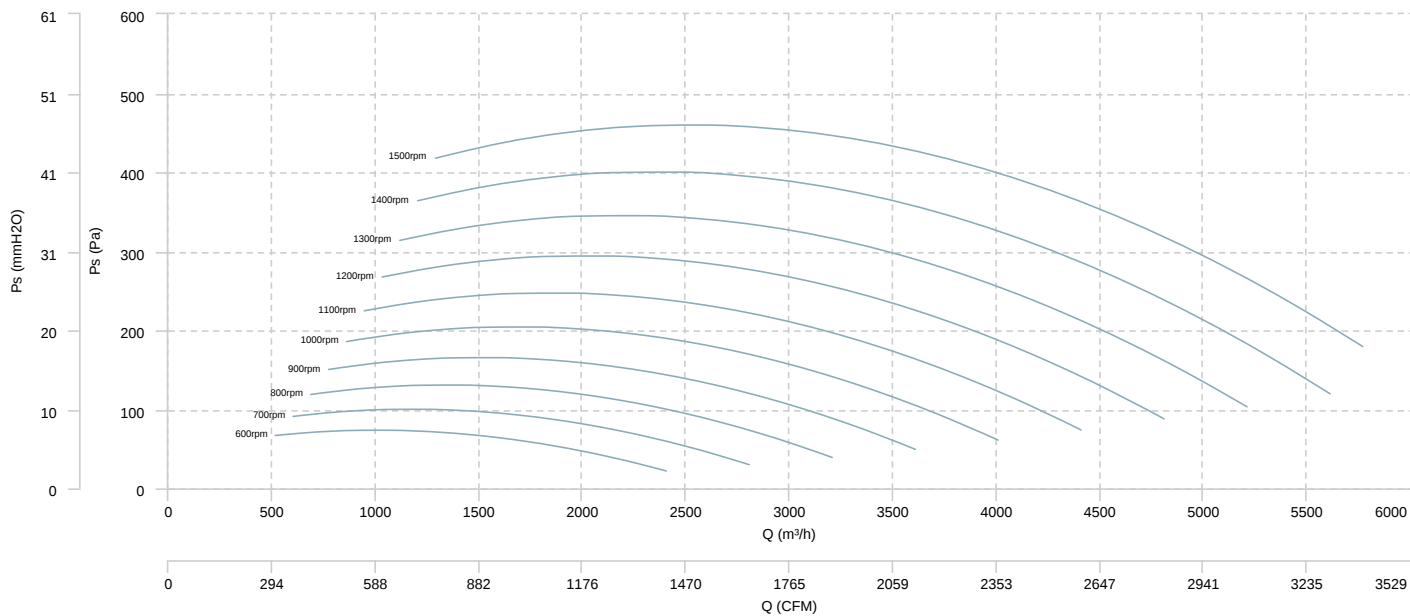
BV 9/7

AIR FLOW - PRESSURE



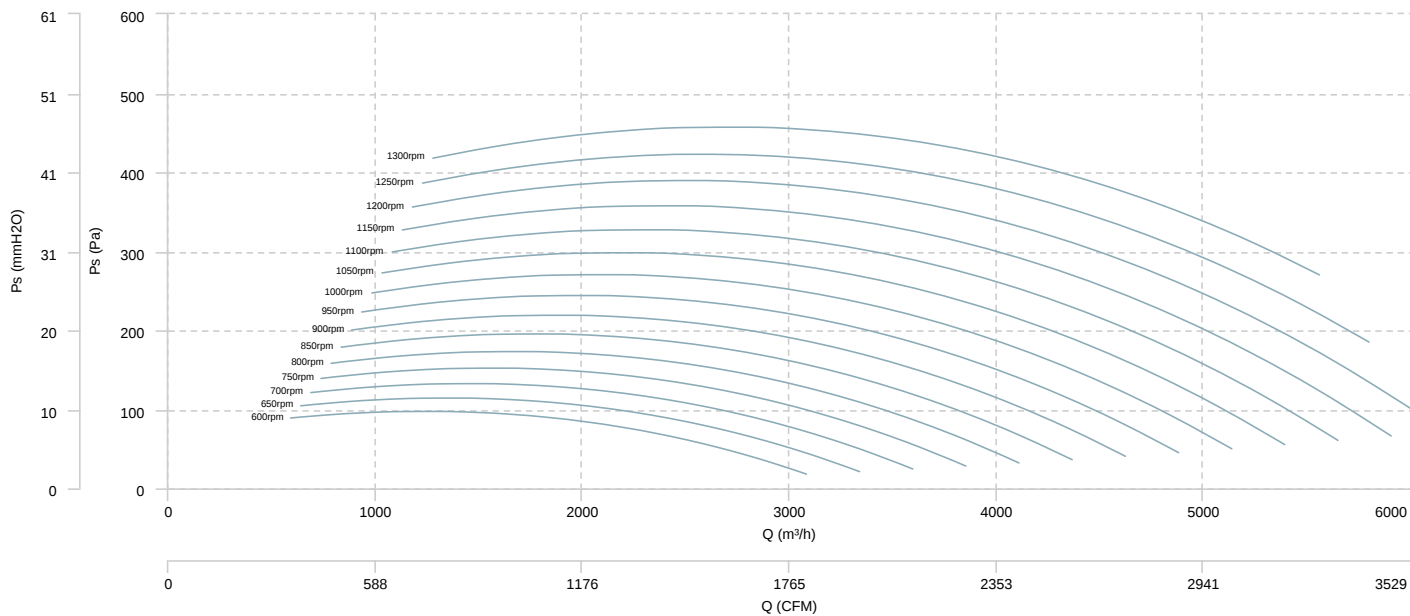
BV 9/9

AIR FLOW - PRESSURE



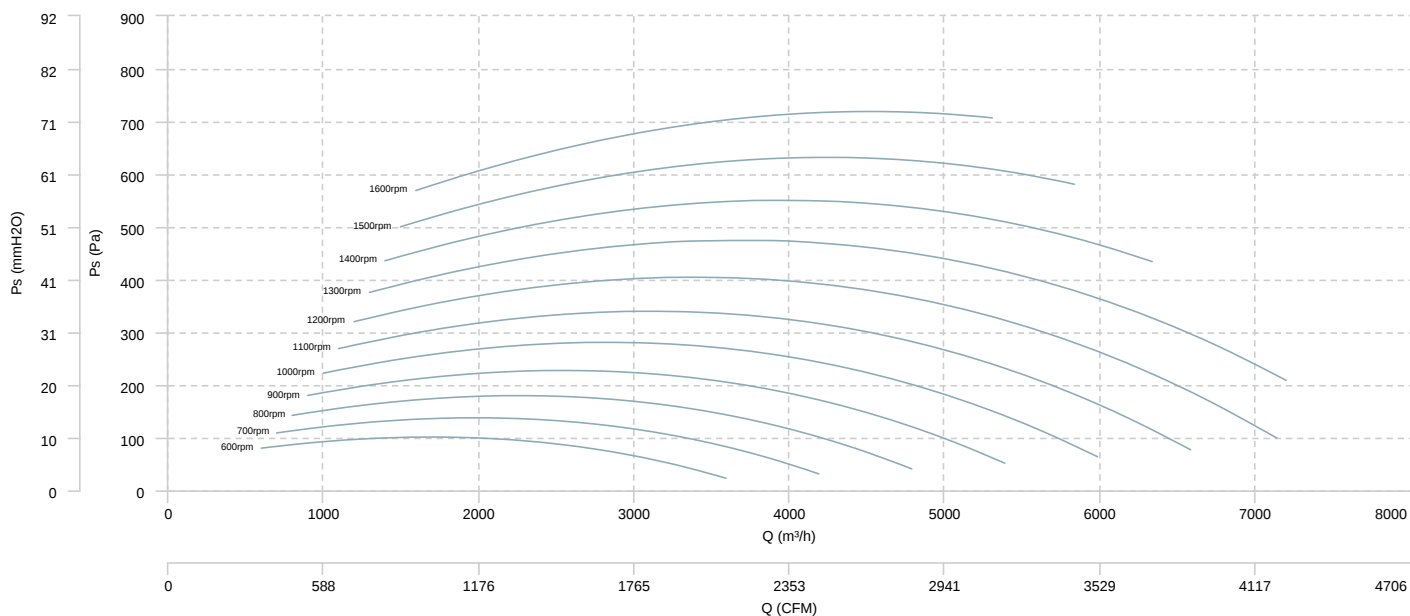
BV 10/8

AIR FLOW - PRESSURE



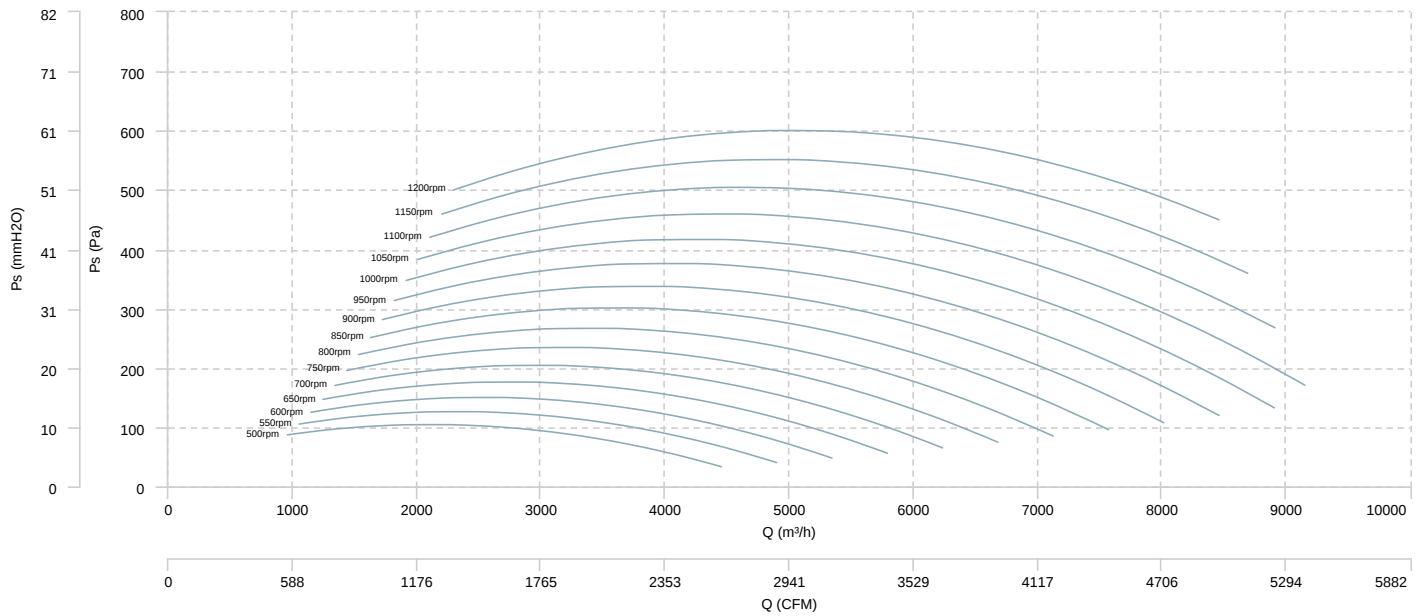
BV 10/10

AIR FLOW - PRESSURE



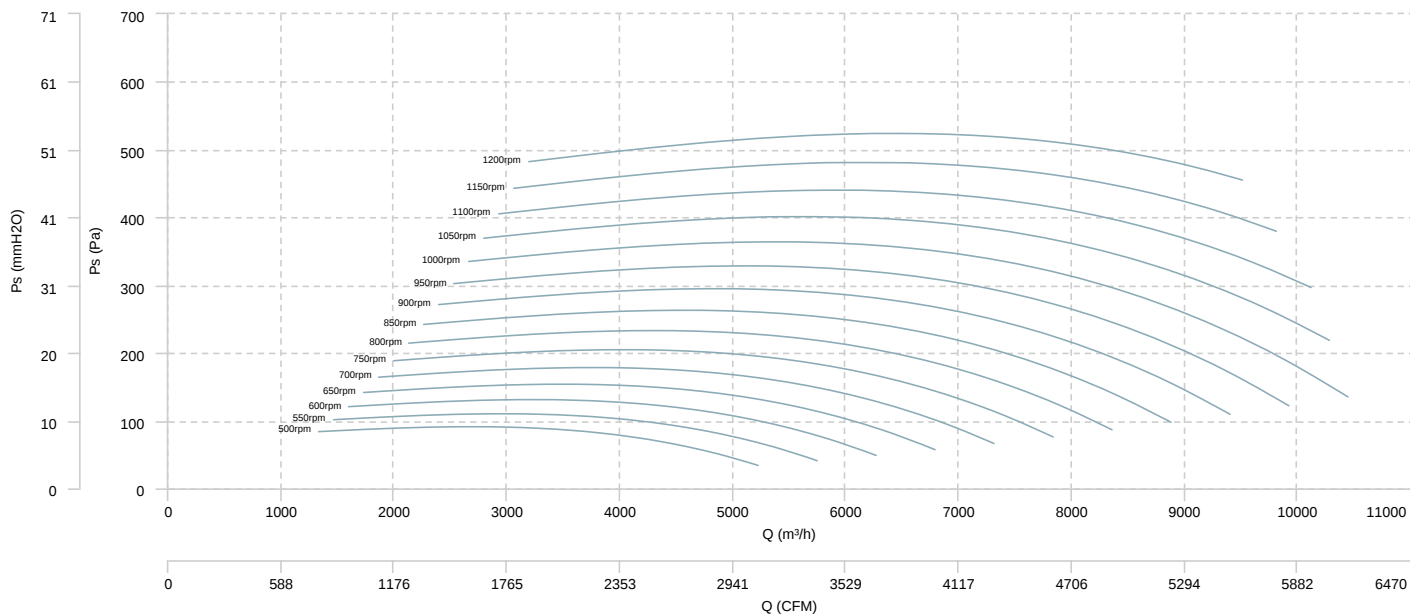
BV 12/9

AIR FLOW - PRESSURE



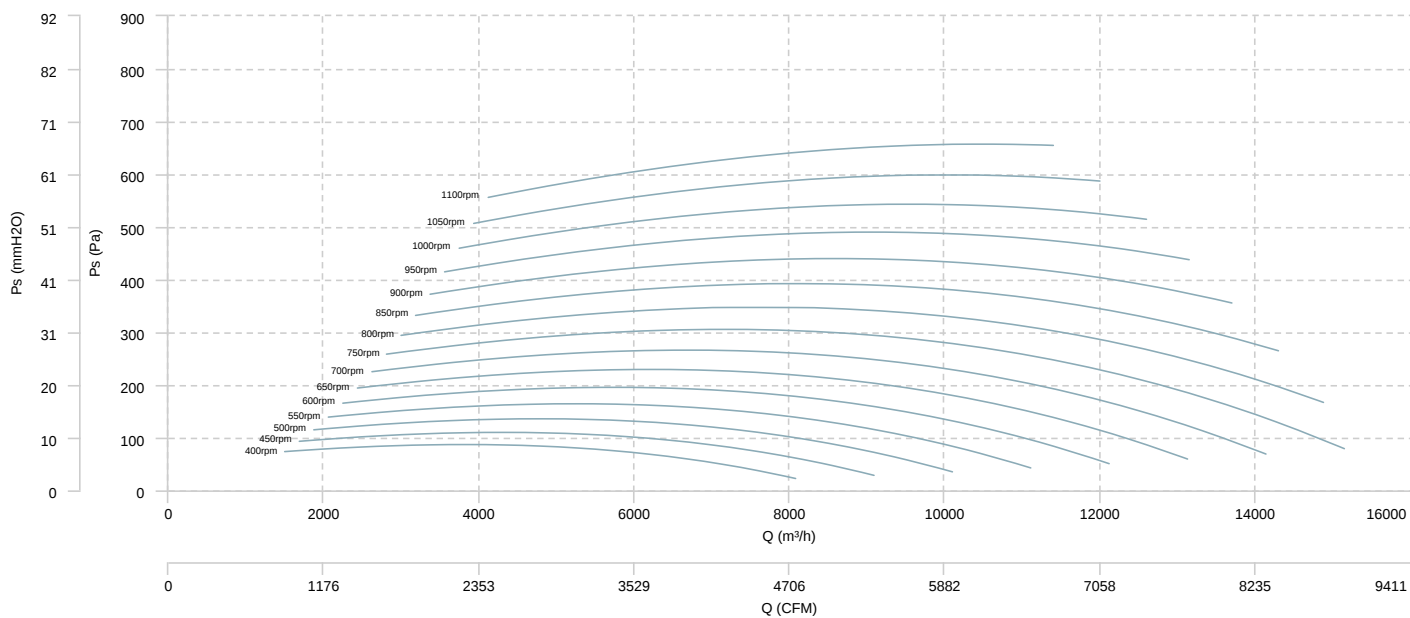
BV 12/12

AIR FLOW - PRESSURE



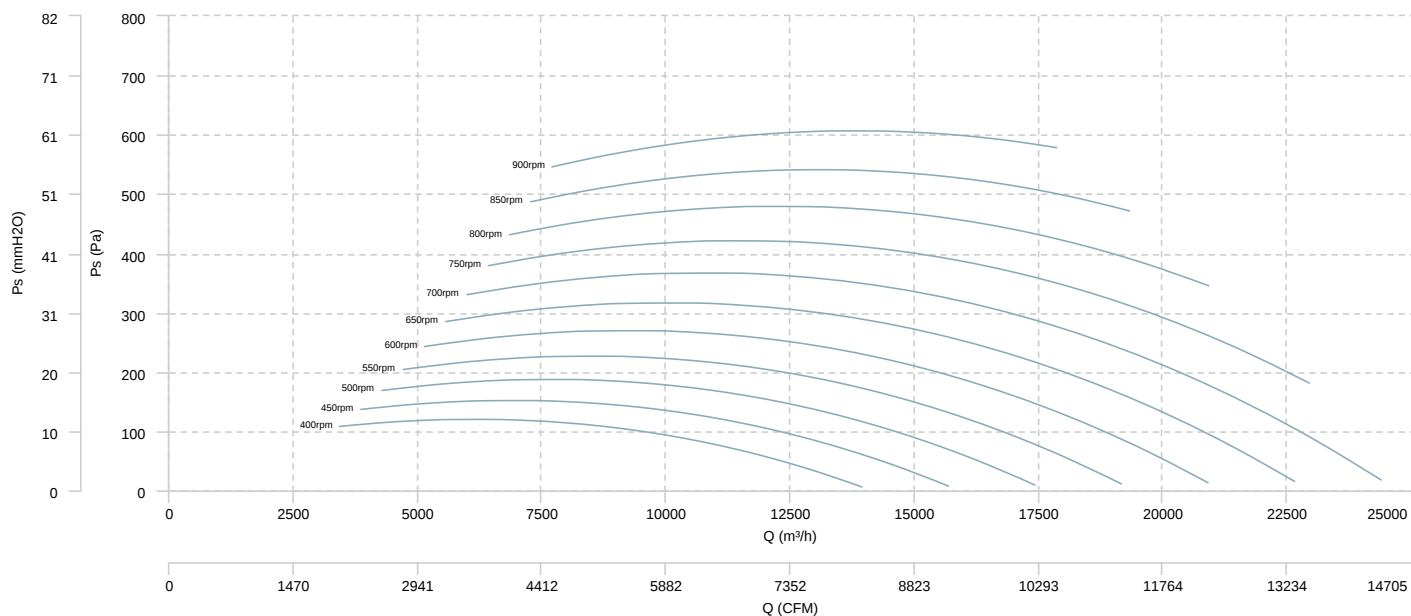
BV 15/15

AIR FLOW - PRESSURE



BV 18/18

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
BV 7/7 (800rpm)	Inlet	47	50	58	60	65	63	60	50	69
BV 9/7 (600rpm)	Inlet	38	46	56	57	62	61	59	53	67
BV 9/9 (600rpm)	Inlet	46	49	57	60	66	64	61	54	70
BV 10/8 (600rpm)	Inlet	42	50	58	62	68	66	64	57	72
BV 10/10 (600rpm)	Inlet	44	54	61	66	71	69	66	58	75
BV 12/9 (500rpm)	Inlet	44	52	59	65	70	68	64	57	74
BV 12/12 (500rpm)	Inlet	46	55	62	68	73	70	67	60	76
BV 15/15 (400rpm)	Inlet	50	60	60	66	70	69	65	59	74
BV 18/18 (400rpm)	Inlet	53	60	63	71	72	70	67	58	77

Notes:

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

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