

BPT BOX HT COMPACT 15-15 - 2,20kW - 1000

Centrifugal in-line belt driven fan for high temperature applications. NOVOVENT brand, BPT BOX HT series, model BPT BOX HT COMPACT 15-15 - 2,20kW - 1000 Three phase or single phase motor IP55. Electrical isolation class F. Fan certified under EN 12101-3 outside risk area. Galvanized steel cabinet with insulation panel resist class M1. Forward curved wheel of galvanized metal sheet. Double inlet belt driven. Working temperature S1: -30°C up to 70°C S2: 400°C/300°C/200°C 2h.



Installation type

RECTANGULAR DUCT FAN

Specifications

FIRE EXHAUST

Fan Data

Diameter [mm]	15-15	Hub [mm]	0	Hub ratio	0.000
Blande number	0	Pitch angle [°]	0	Impeller material	Galvanized Steel
Balancing	Q6.3 DYNAMICALLY			Casing material	Galvanized Steel
Max. Air flow [m3/h]	7468.98	Max. St. Pres. [Pa]	547.86	SPL [dba]	0
Air flow [m3/h]	6671.38	St. Pressure [Pa]	538.25	Thrust [N]	#Error
Working Temp. [°C]	-30/70	Weigth [kg]	146		

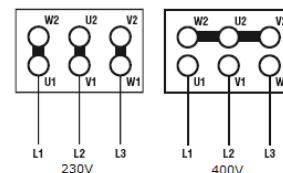
Motor Data

Motor type	standard	Frame	MS 100 L1 4	Isulation class	F
Enclosure	IP55	Service factor	1	Design	N
Frequency [Hz]	50	Poles	4	Speed [rpm]	1420
Voltage [V]	400/690	Rated Voltage [V]	400V/50Hz/3Ph	Nominal Power [kW]	2.2
Current [A]	4.84	II/In	7.000	Torque [Nm]	0
Power factor	0.81	Efficiency [%]	81	Slip	5.333

Front bearing

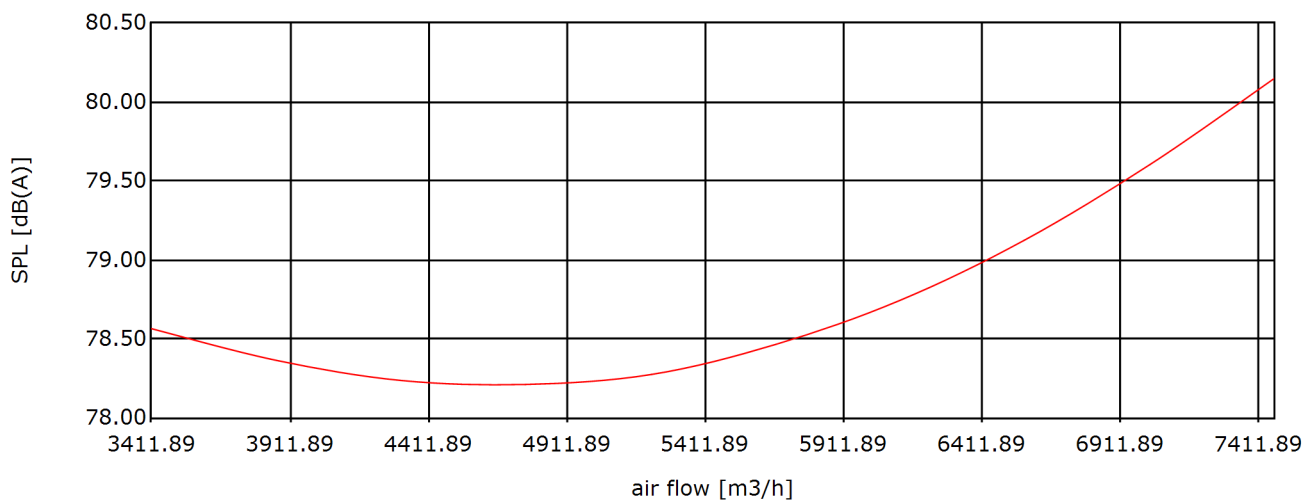
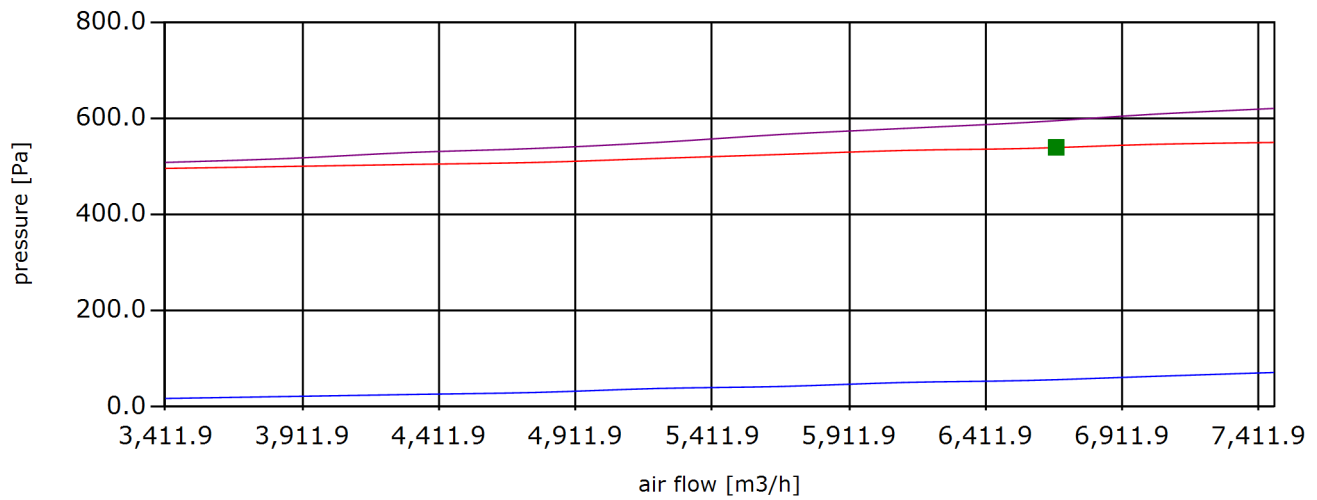
Rear bearing

Type	6206 2RS C3	Type	6206 2RS C3
Regreasing [h]	0	Regreasing [h]	0
Grease amount [g]	0	Grease amount [g]	0

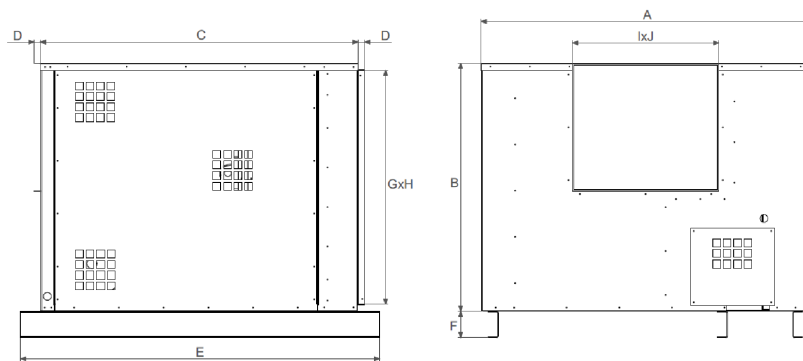


Start currents (sc) are DOL other than for motors of 4kW and above which are Star Delta (T).

Q [m3/h]	Pe [Pa]	Pd [Pa]	Pt [Pa]	SPLA dB(A)	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz
3411.89	493.10	14.85	507.94	78.6	72.9	73.5	67.5	69.9	69.1	68.5	66.0	59.4
3862.68	497.20	19.03	516.23	78.4	72.7	73.3	67.3	69.7	68.9	68.3	65.8	59.2
4313.47	502.63	23.73	526.36	78.2	72.5	73.1	67.1	69.5	68.7	68.1	65.6	59.0
4764.26	509.00	28.95	537.95	78.2	72.5	73.1	67.1	69.5	68.7	68.1	65.6	59.0
5215.04	515.93	34.69	550.61	78.3	72.6	73.2	67.2	69.6	68.8	68.2	65.7	59.1
5665.83	523.08	40.94	564.02	78.5	72.8	73.4	67.4	69.8	69.0	68.4	65.9	59.3
6116.62	530.14	47.72	577.85	78.7	73.0	73.6	67.6	70.0	69.2	68.6	66.1	59.5
6567.41	536.80	55.01	591.80	79.1	73.4	74.0	68.0	70.4	69.6	69.0	66.5	59.9
7018.19	542.79	62.82	605.61	79.6	73.9	74.5	68.5	70.9	70.1	69.5	67.0	60.4
7468.98	547.86	71.15	619.01	80.1	74.4	75.0	69.0	71.4	70.6	70.0	67.5	60.9



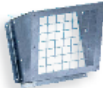


Data obtained under ISO 5801:1997, type D and air density 1.2kg/m3. Sound pressure levels quoted are average dBA at 3m distance over a sphere, under free field conditions and are presented for comparative purposes only.



A	B	C	D	E	F	G	H	I	J
1050	801	1010	25	1164	100	751	948	411	473
K	L	M	N						
0	0	0	0						

Accessories

Code	Name	
BPTE1515	BPTE 15-15	
BPTVAC15	VA BP 15-15	
BPTVI15	VI BPT 15-15	

Electrical Accessories

Code	Name	
PROTEC63	PROTEC 6.3	
VMMT0022	VARMATIC MT 22	
VMR006	VARMATIC 6	