

## BPT BOX HT COMPACT 10-10 - 1,10kW - 1400



Centrifugal in-line belt driven fan for high temperature applications. NOVOVENT brand, BPT BOX HT series, model BPT BOX HT COMPACT 10-10 - 1,10kW - 1400 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]	10-10	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]	3635.06	Max. St. Pres. [Pa]	548.33	SPL [dba]	0
Air flow [m3/h]	2746.39	St. Pressure [Pa]	525.09	Thrust [N]	#Error
Working Temp. [°C]	-30/70	Weigth [kg]	92.3		

### Motor Data

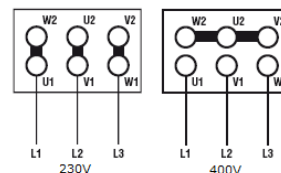
Motor type	standard	Frame	MS 80 3 4	Isulation class	F
Enclosure	IP55	Service factor	1	Design	N
Frequency [Hz]	50	Poles	4	Speed [rpm]	1390
Voltage [V]	400/690	Rated Voltage [V]	400V/50Hz/3Ph	Nominal Power [kW]	1.1
Current [A]	2.67	II/In	6.000	Torque [Nm]	0
Power factor	0.78	Efficiency [%]	76.2	Slip	7.333

#### Front bearing

Type	6204 2RS C3
Regreasing [h]	0
Grease amount [g]	0

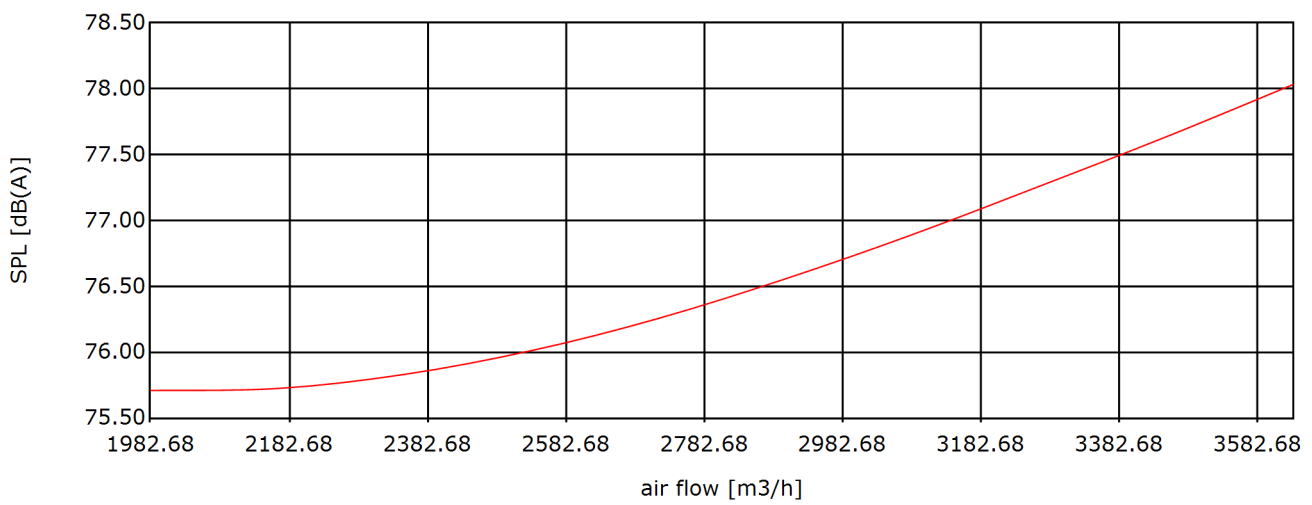
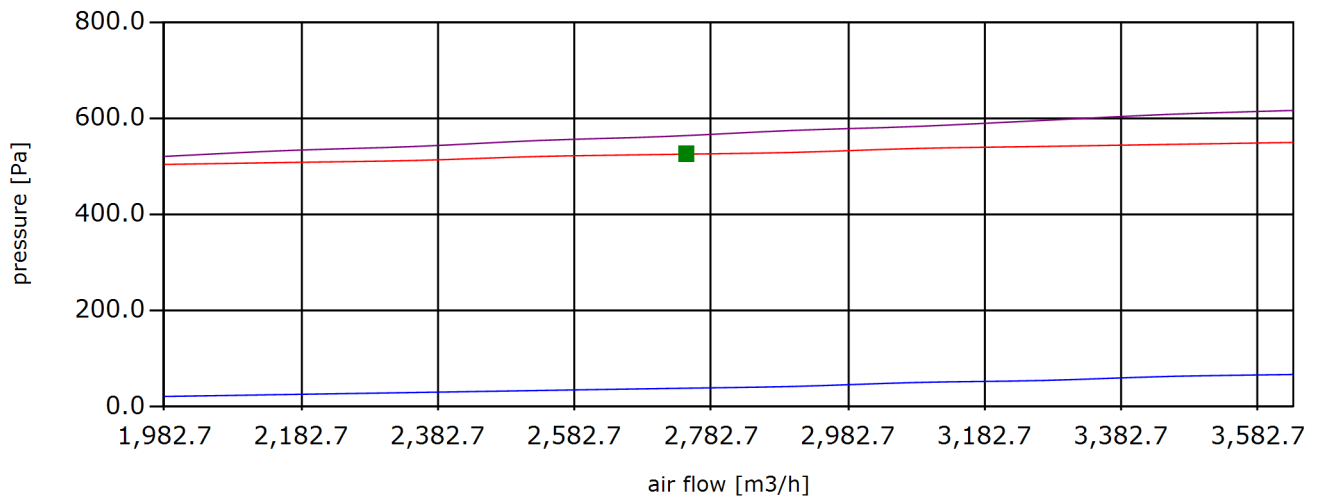
#### Rear bearing

Type	6204 2RS C3
Regreasing [h]	0
Grease amount [g]	0

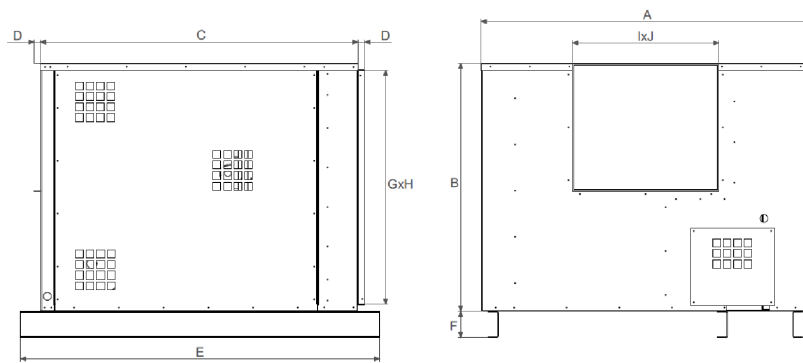


Start currents (sc) are DOL other than for motors of 4kW and above which are Star Delta (T).

Q [m3/h]	Pe [Pa]	Pd [Pa]	Pt [Pa]	SPLA dB(A)	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz
1982.68	501.47	19.96	521.43	75.7	70.0	70.6	64.6	67.0	66.2	65.6	63.1	56.5
2166.28	507.01	23.83	530.84	75.7	70.0	70.6	64.6	67.0	66.2	65.6	63.1	56.5
2349.88	512.72	28.04	540.76	75.8	70.1	70.7	64.7	67.1	66.3	65.7	63.2	56.6
2533.47	518.48	32.60	551.08	76.0	70.3	70.9	64.9	67.3	66.5	65.9	63.4	56.8
2717.07	524.19	37.49	561.68	76.3	70.6	71.2	65.2	67.6	66.8	66.2	63.7	57.1
2900.67	529.73	42.73	572.46	76.6	70.9	71.5	65.5	67.9	67.1	66.5	64.0	57.4
3084.27	535.01	48.31	583.32	76.9	71.2	71.8	65.8	68.2	67.4	66.8	64.3	57.7
3267.86	539.93	54.23	594.16	77.3	71.6	72.2	66.2	68.6	67.8	67.2	64.7	58.1
3451.46	544.39	60.50	604.89	77.6	71.9	72.5	66.5	68.9	68.1	67.5	65.0	58.4
3635.06	548.33	67.10	615.43	78.0	72.3	72.9	66.9	69.3	68.5	67.9	65.4	58.8



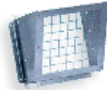
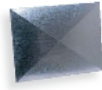
Data obtained under ISO 5801:1997, type D and air density 1.2kg/m3. Sound pressure levels quoted are average dBA at 3m distance over a sphere, under free field conditions and are presented for comparative purposes only.



A	B	C	D	E	F	G	H	I	J
800	653	808	25	964	100	603	696	292	331
K	L	M	N						
0	0	0	0						

## Accessories

Code	Name
BPTE1010	BPTE 10-10
BPTVAC10	VA BPT 10-10
BPTVI09	VI BPT 10-10



## Electrical Accessories

Code	Name
PROTEC40	PROTEC 4.0

