MBC 160

REF

In-line low profile centrifugal fan for insertion between ducts. NOVOVENT brand, MBC series, model MBC 160 External motor-rotor. IP 44 or IP54. Speed controllable.Casing of galvanised metal sheet. Backward curved wheel of galvanised metal sheet

Installation type	CIRCULAR DUCT FAN
Specifications	STANDARD APPLICATION

Fan Data

Diameter [mm]	160	Hub [mm]	0	Hub ratio	0.000
Blade number	0	Pitch angle [º]	0	Impeller material	.
Balancing	Q6.3 DYNAMICALLY			Casing material	Galvanized Steel
Max. Air flow [m3/h]	598.49	Max. St. Pres. [Pa]	169.65	SPL [dbA]	48
Air flow [m3/h]	450.00	St. Pressure [Pa]	100.00	Thrust [N]	0.94
Working Temp. [ºC]	0/40	Weigth [kg]	0		

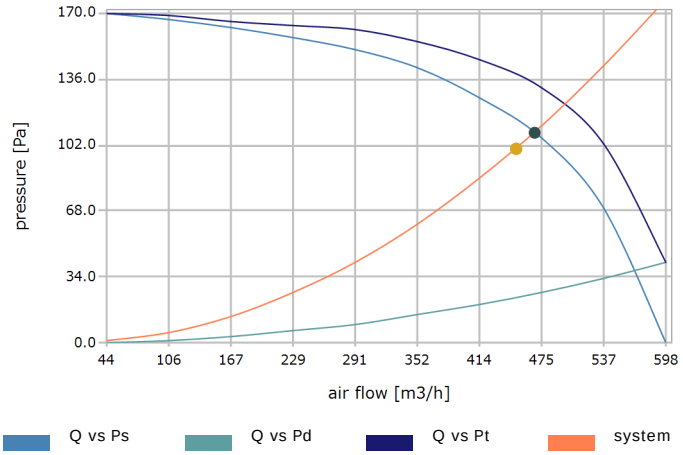
Motor Data

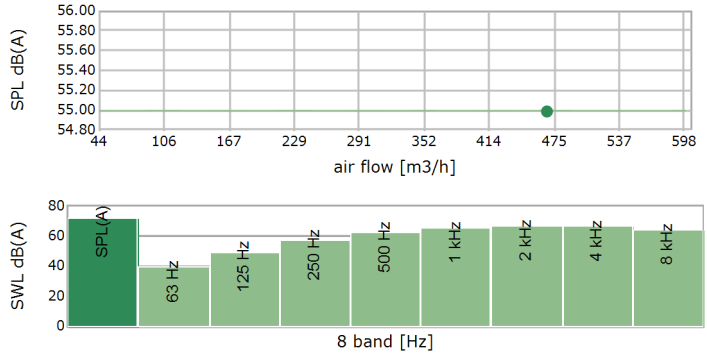
Motor type	EBM	Frame	30.91067.36	Isulation class	F
Enclosure	-	Service factor	1	Design	-
Frequency [Hz]	50	Poles	2	Speed [rpm]	2500
Rated Voltage [V]	230V/~1/50Hz			Nominal Power [kW]	0.100
Current [A]	0.450	Il/In	0.000	Torque [Nm]	0.000
Power factor	0	Efficiency [%]	29	Slip	16.667

Front bearing		Rear bearing	
Type	-	Type	-
Regreasing [h]	0	Regreasing [h]	0
Grease amount [g]	0	Grease amount [g]	0

Start currents (sc) are DOL other than for motors of 3kW and above which are Star Delta (T).

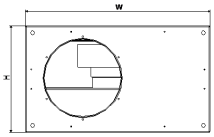
speed	Q [m3/h]	Pe [Pa]	Pd [Pa]	Pt [Pa]	Wm [kW]		dB(A)	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz
1	468.276	108.285	25.209	133.494	0.100	SPL(A)	55.0	21.8	31.9	39.4	44.8	48.0	49.2	49.0	46.9
						SWL(A)	72.5	39.3	49.4	56.9	62.3	65.5	66.7	66.5	64.4

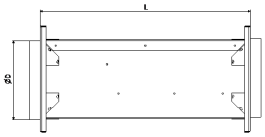




Q vs Ps | Q vs Pd | Q vs Pt | system | RP | WP | Q vs SPL | SPL

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





A	B	C	D	E
240	400	0	160	0
F	G	H	I	J
0	0	240	0	0
K	L	M	N	
0	400	0	0	

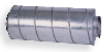
Accessories

VA00160 - VA 160

FLC000160 - FLC 160

TUBE160 - BE 160

SLTU160 - SLT 160



TUAF160 - TUAF 160

Electrical Accessories

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