



TCBBX2/TCBTX2

5605385300 - TCBBX2/4-500/L (230V50HZ) V5 - CYLINDRICAL CASED AXIAL FLOW FANS



Cased axial fan . Casing manufactured from galvanised sheet steel. Fitted with 2 contrarotating fan assemblies with aluminium blades. Single phase - IP65 - F motor with thermal protector and terminal box with capacitor out of the air stream. Brand S&P model TCBBX2/4-500/L (230V50HZ) V5 for an airflow 1,48 m³/s and static pressure 341 Pa.

Theoretical Working Point

Airflow	1,50 m ³ /s
Static Pressure	350 Pa
Temperature	20 °C
Altitude	0 m
Density	1,2 kg/m ³
Frequency	50 Hz

Working Point

Airflow	1,48 m ³ /s
Static Pressure	341 Pa
Dynamic pressure	34,2 Pa
Total Pressure	375 Pa
Input power	1,25 kW
Outlet speed	7,5 m/s
Fan speed	1204 rpm
Specific Fan Power	0,85 W/l/s

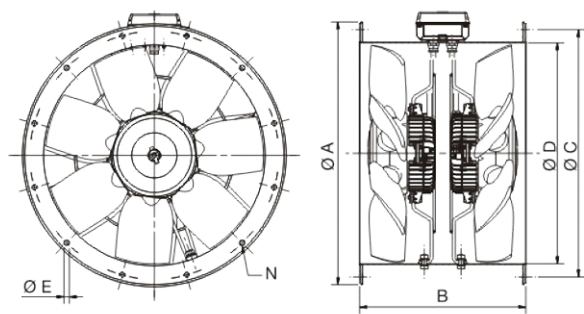
Construction

Discharge diameter	500 mm
Fan size	500
Blades	7
Weight	50,00 kg

Motor Characteristics

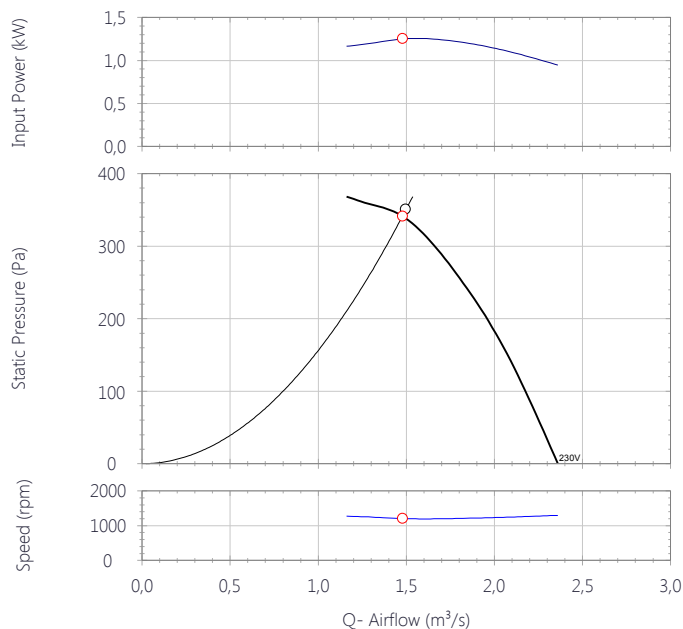
Number of poles	4
Voltage	1-230V-50Hz
Maximum absorbed current	6,5 A
IP Rating	IP65
Motor insulation class	F

Drawing



A	B	C	D	E	N
595	375	560	500	12	12

Performance Chart



Sound Performance

	63	125	250	500	1k	2k	4k	8k	Overall
Inlet (LwA)	60	73	83	82	85	80	73	66	89
Inlet LpA @ 1,5m	45	58	68	67	70	65	58	51	75
Outlet (LwA)	59	72	86	85	88	83	76	69	92
Outlet LpA @ 1,5m	44	57	71	70	73	68	61	54	78





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ErP Data

Maximum efficiency %	40,4
Installation type	C
Category efficiency	Static
N	N46,1
Variable speed drive	+
Year of manufacture	Product Rating Plate
Manufacturer's Info	S&P ES-08150 CIF-B64911928
Product code	5605385300
Input power at optimum efficiency point (kW)	1,255
Airflow at optimum efficiency point [m3/h]	5,466
Pressure at optimum efficiency point [Pa]	334
Speed at optimum efficiency point	1198
Specific Ratio	1
Recycling/disposal	Instruction Manual
Maintenance	Instruction Manual
Additional components	Catalogue and according to ISO 5801

Warnings

This dimensional drawing may not match with the selected product, especially in the discharge orientation