



TCBBX2/TCBTX2

5605766600 - TCBTX2/4-500 3PH 230/400V 50HZ CONTRA-ROTATING AXIAL - CYLINDRICAL CASED AXIAL FLOW FANS



Cased axial fan . Casing manufactured from galvanised sheet steel. Fitted with 2 contrarotating fan assemblies with aluminium blades. Three phase - IP65 - F. All models are supplied with pre-wired wiring junction box located on the outside of the fan casing for easy wiring access . Brand S&P model TCBTX2/4-500 3PH 230/400V 50Hz CONTRA-ROTATINGAXIAL .

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Theoretical Working Point

Airflow	-
Static Pressure	0,000 Pa
Temperature	20 °C
Altitude	0 m
Density	1,2 kg/m ³
Frequency	50 Hz

Construction

Discharge diameter	500 mm
Fan size	500
Blades	7
Weight	38,70 kg

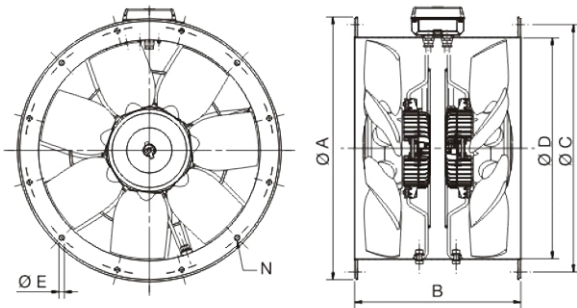
Motor Characteristics

Number of poles	4
Voltage	3-230/400V-50Hz
Maximum absorbed current	5,9 A / 3,4 A
IP Rating	IP65
Motor insulation class	F

Working Point

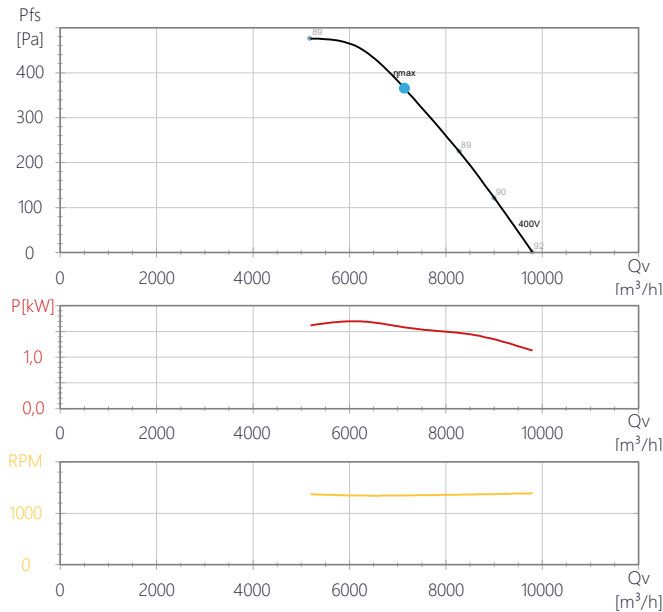
Fan speed	1340
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Drawing (mm)



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

Performance Chart





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Sound Performance

	63	125	250	500	1k	2k	4k	8k	Overall
Inlet (LwA)	48	78	87	85	87	81	74	67	92
Inlet LpA @ 1m	37	67	76	74	76	70	63	56	81
Outlet (LwA)	65	76	87	88	90	84	77	70	94
Outlet LpA @ 1m	54	65	76	77	79	73	66	59	83





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ErP Data

Fan type	G2.- AXIAL FAN TOTAL (B,D)
Maximum efficiency η [%]	53,5
Installation type	D
Category efficiency	Total
N	N58,6
Variable speed drive	+
Year of manufacture	Product Rating Plate
Input power at optimum efficiency point (kW)	1,581
Airflow at optimum efficiency point [m3/h]	7,145
Pressure at optimum efficiency point [Pa]	427
Correction factor	No
Element supplied with the fan	Instruction manual
Speed at optimum efficiency point	1348
Specific Ratio	1
Manufacturer's Info	S&P
Product code	5605766600
Recycling/disposal	Instruction Manual
Maintenance	Instruction Manual
Additional components	Catalogue and according to ISO 5801