



TD-SILENT

5211302100 - TD-500/150-160 SILENT 3V (220-240V 50/60) N8 - IN LINE DUCT FANS



Low profile "Mixed-flow" fans with sound-absorbent insulation. Extremely quiet Certified of Approval Noise Abatement Society. Manufactured in plastic material, with a specifically designed internal skin to direct the sound waves at the right angle for them to be captured by the sound-absorbent material. Fitted with rubber gaskets on the inlet and outlet to absorb vibrations, a body that can be dismantled. Connection box can be rotated 360°, to facilitate easy connection of the power cable.

Motors

Speed controlable 230V-50Hz motor, of two speed motors. IP44. Motors are class B, with ball bearings and safety thermal overload protection.

Additional information

The models offer solutions to ventilation problems, especially in places where people work and low sound level is required.

Brand S&P model TD-500/150-160 SILENT 3V (220-240V 50/60) N8 for an airflow 347 m³/h and static pressure 76 Pa.

Theoretical Working Point

Airflow	346 m ³ /h
Static Pressure	75 Pa
Temperature	20 °C
Altitude	0 m
Density	1,2 kg/m ³
Frequency	50 Hz
Voltage	1-230V-50Hz

Working Point

Airflow	347 m ³ /h
Static Pressure	76 Pa
Dynamic pressure	17,9 Pa
Total Pressure	94 Pa
Input power	0,050 kW
Outlet speed	5,4 m/s
Fan speed	2017 rpm
Specific Fan Power	0,52 W/l/s
Specific Fan Power reg	0,52 W/l/s

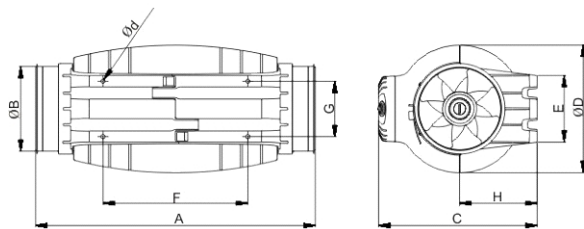
Construction

Discharge diameter	150 mm
Fan size	150
Weight	6,00 kg

Motor Characteristics

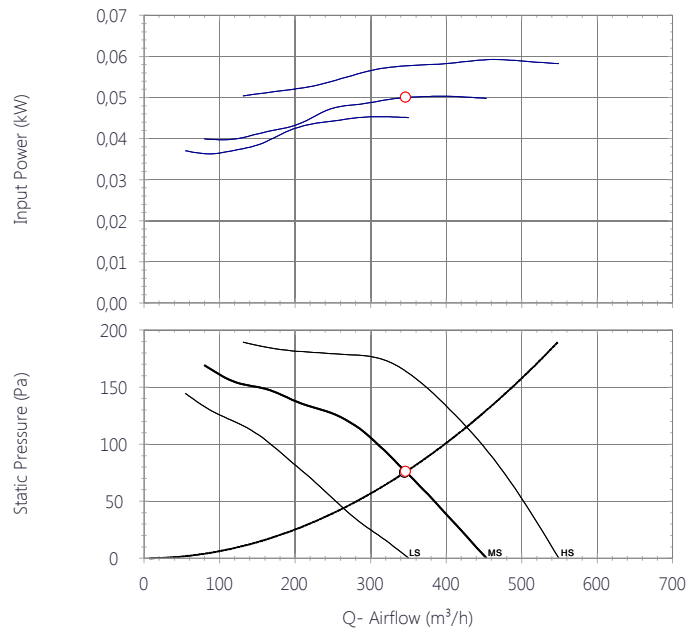
Number of poles	2
Voltage	1-230V-50Hz
Maximum absorbed current	0,3 A
IP Rating	IP44
Motor insulation class	B

Drawing



A	B	C	D	E	F	G	H
484	147	274	221	116	250	96	134

Performance Chart



Sound Performance

	63	125	250	500	1k	2k	4k	8k	Overall
Inlet (LwA)	19	29	46	52	52	51	43	36	57
Inlet LpA @ 1m	8	18	35	41	41	40	32	25	46
Outlet (LwA)	21	32	49	54	52	45	39	24	57
Outlet LpA @ 1m	10	21	38	43	41	34	28	13	46
Breakout (LwA)	13	22	34	34	35	34	24	19	40
Breakout LpA @ 1m	2	11	23	23	24	23	13	8	29

