



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 controllable 230V-50Hz motor, of three-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.

Theoretical Working Point

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

Construction

Discharge diameter	150 mm
Fan size	150
Weight	5,40 kg

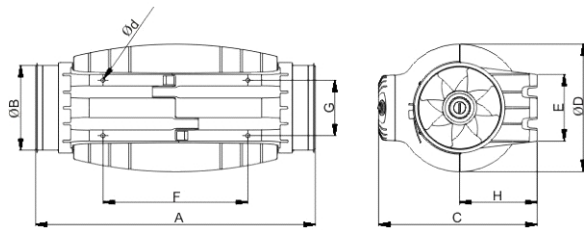
Motor Characteristics

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

Working Point

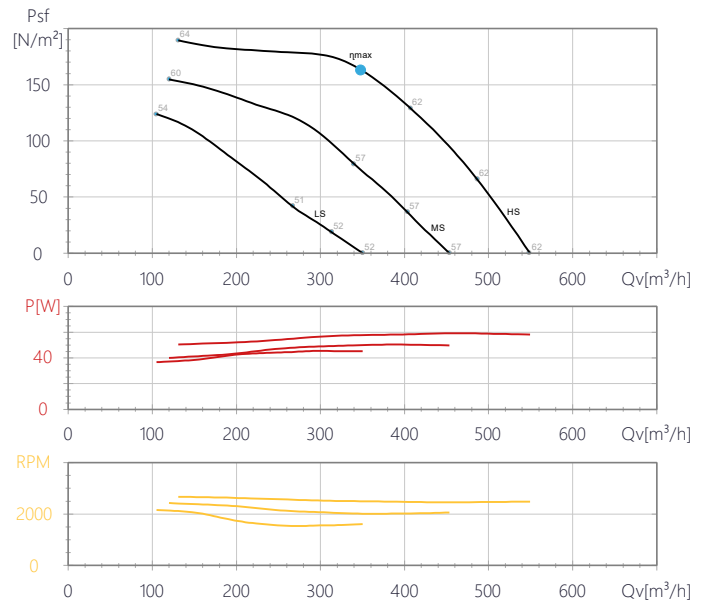
Fan speed	2480
-----------	------

Drawing



A	B	C	D	E	F	G	H	d
484	147	274	221	116	250	96	134	5.4

Performance Chart





TD-SILENT

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

Sound Performance

	63	125	250	500	1k	2k	4k	8k	Overall
Inlet (LwA)	25	35	49	59	56	54	48	41	62
Inlet LpA @ 1m	14	24	38	48	45	43	37	30	51
Outlet (LwA)	38	38	56	59	58	54	49	43	63
Outlet LpA @ 1m	27	27	45	48	47	43	38	32	52
Surrounding (LwA)	18	28	38	40	40	37	29	24	45
Surrounding LpA @ 1m	7	17	27	29	29	26	18	13	34





TD-SILENT

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

ErP Data

Ecodesign	
Commission regulation (EU) N°1253/2014 of July 2014	
Information requirements (Annex V)	
Product description	TD-500/150-160 SILENT 3V (220-240V 50/60) N8
Manufacturer's Info	S&P
Identifier	-
Typology	NRVU unidirectional
Drive	3-speed
Type of HRC	None
Thermal efficiency (%)	NA
Qnom (m3/s)	0,1
Pelec (kW)	0,06
SFPint (W/m3/s)	NA
Face velocity (m/s)	5,79
$\Delta p_{s,ext}$ (Pa)	162,6
$\Delta p_{s,int}$ (Pa)	NA
$\Delta p_{s,add}$ (Pa)	NA
Static efficiency fans (%)	27,3
External leakage rate (%)	3
Internal leakage rate (%)	NA
Filter performance	NA
Filter warning	NA
LWA dB(A)	45
https://www.solerpalau.com/	