TDM

5211506000 - TDM-200 (230V 50) RE - IN-LINE DUCT FANS

The TDM series of axial fans have been specifically designed to be installed in low pressure ducted systems. Single phase motor, Class II, IPX4. Protected against overheating. Suitable to operate within temperatures up to 40ºC. Trade S&P model TDM-200 (230V 50) RE

Theoretical Working Point

Airflow	190 m^3/h
Static Pressure	0,000 Pa
Temperature	20 °C
Altitude	0 m
Density	1,2 kg/m^3
Frequency	50 Hz

Construction

Discharge diameter	125 mm
Weight	0,59 kg

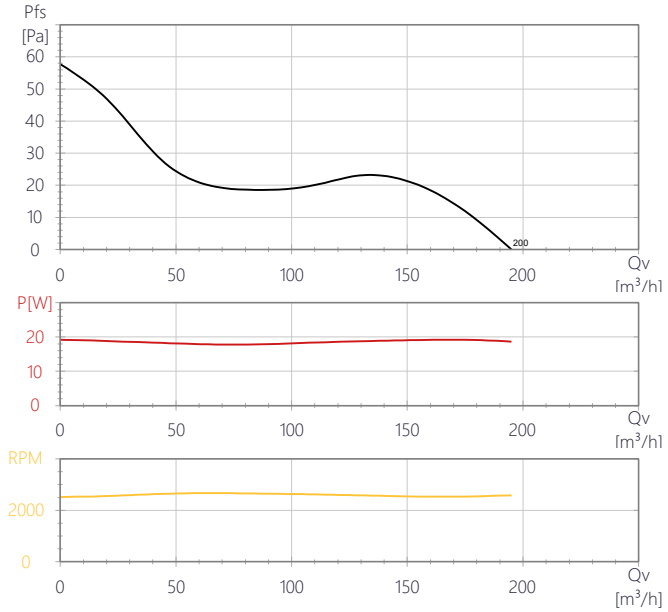
Motor Characteristics

Voltage	1-230V-50Hz
Maximum absorbed current	0,1 A
IP Rating	IPX4
Motor insulation class	

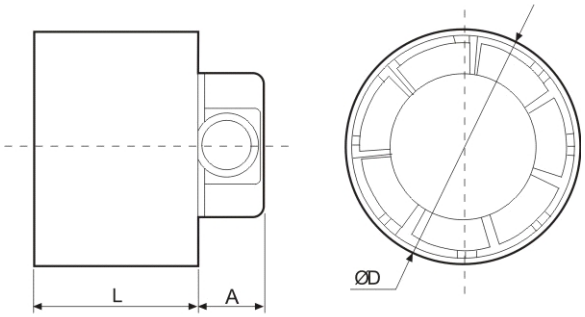
Working Point

Fan speed	2600

Performance Chart(s)



Drawing (mm)



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27	118	78

TDM

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ErP Data

Ecodesign	
Commission regulation (EU) N°1253/2014 of July 2014	
Information requirements (Annex V)	
ProductoComercial	TDM-200 (230V 50) RE
Identifier	5211506000
SEC average climate (kWh/(m2.an))	-11,3
SEC class	NA
SEC cold climate (kWh/(m2.an))	-27,7
SEC warm climate (kWh/(m2.an))	-1,9
Typology	RVU unidirectional
Type of drive	1-speed
Type of HRC	None
Thermal efficiency (%)	0
Maximum flow rate (m3/h)	137
Electrical power input at maximum flow rate (W)	18,1
Sound power level (LWA)	56
Reference flow rate (m3/s)	0,027
Reference pressure difference (Pa)	19
SPI (W/m3/h)	0,187
Control factor	1
Control typology	Manual
Maximum internal leakage for BVU (%)	Not applicable
Maximum external leakage for BVU and UVU (%)	0,1
Mixing rate for BVU without duct connection (%)	Not applicable
Position of visual filter warning	Not applicable
description of visual filter warning	Not applicable
Instructions to install supply grilles	F&W Leaflet
Instructions to install exhaust grilles	F&W Leaflet
https://www.solerpalau.com/	
Airflow sensitivity to pressure variation	Not applicable
Indoor/outdoor air tighness (m3/h)	Not applicable
Annual electricity consumption - Average climate (kWh/a)	235
Annual electricity consumption - Warm climate (kWh/a)	235
Annual electricity consumption - Cold climate (kWh/a)	235
Annual heating saved - Average climate (kWh/a)	1715
Annual heating saved - Warm climate (kWh/a)	776
Annual heating saved - Cold climate (kWh/a)	3355