

Specification of: TEM 01-0160-4W-05

High performance Centrifugal fan Nicotra Gebhardt silentovent with external HIGH EFFICIENCY motor in efficiency class IE 2 (IEC 60034-30)

Single inlet with direct drive. Lap-jointed scroll housing made from galvanised steel sheet, without pedestal for vertical or horizontal mounting. Galvanised impeller with forward curved blades Motor B5, mounted outside the airstream. Impeller and shaft statically and dynamically balanced in accordance with DIN ISO 21940-11, completely maintenance free. The motor is equipped with PTC Thermistors as a standard. Three phase 400 V, 50 Hz, single speed.

Technical data of the fan: TEM 01-0160-4W-05

EU regulation 327/2011 not applicable

Description	Value	Dimension
Specified duty point		
Actual duty point		
Installation acc. DIN 24163 Part 1		B
Reference density (Rho1)	1.20	kg/m ³
Medium temperature (t)	20	C
Fan weight	8	kg
<small>SOUND PRESSURE levels at 1/2/3 m distance can be calculated with free sound propagation approximately by reducing the SOUND POWER level by 11/17/20 dB !</small>		
Rated data		
Phases-Voltage-Frequency	3~230/400-50	V-Hz
Frame size-poles:	63 M / IE2-4	
Motor rating (P _N)	0.18	kW
Rated motor speed (n _N)	1385	min ⁻¹
Rated motor current (I _N)	1,08/0,62	A
operational limits		
Temperature range of conveying medium (t _{min} ... t _{max})	-20...60	C

Fan curve to TEM 01-0160-4W-05



