



Represented by:
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WENTYLATOR ODDYMIAJĄCY

Technical Data - Fan Model SEF(V)GV140F4-A9/24

Location:

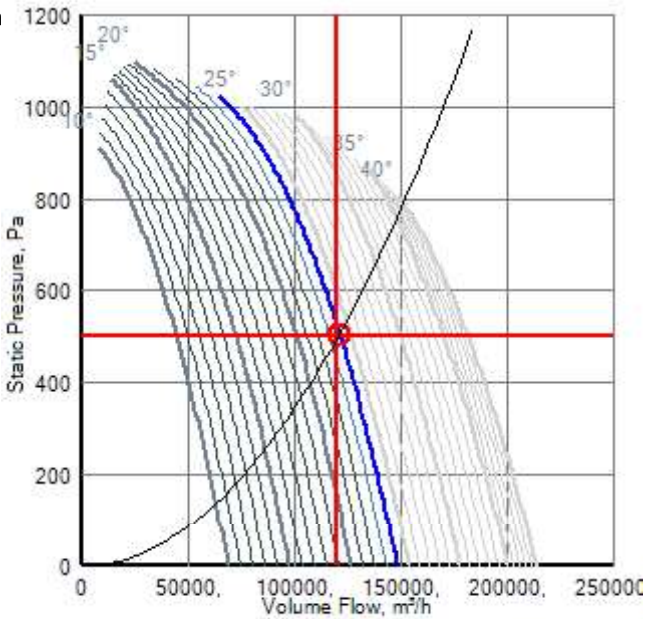
Designation:

Performance - Required

Air Flow : 120000 m³/h
Static Pressure : 500 Pa
Selection Pressure: 500 Pa
Installation Type: TYPE D
Air Density: 1,204 kg/m³
- Atmos. Temp: 20 °C
- Altitude: 0 m
- Humidity: 0,0 %

Actual

Air Flow: 120925 m³/h
Static Pressure: 508 Pa
Total Pressure: 794 Pa

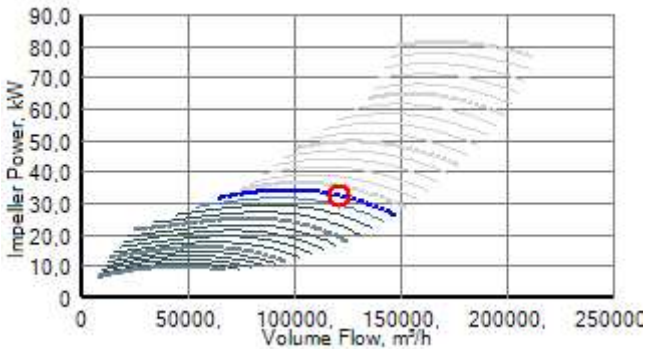


Fan Data

Catalogue Code: SEF(V)GV140F4-A9/24
Description: Long-Cased DSG Smoke
Diameter: 1400 mm Hub: 352 mm
Impeller Type: Axial Pitch: 24°
Blade Material: Aluminium Blades: 9
Speed: 1460 r/min @50 Hz
Power, Abs: 32,53 kW Form: A
Input Power: 34,57 kW Peak: 34,14 kW
Efficiency Total: 82,0%
SFP: 1,04 Static: 52,4%
Fan Weight: 677,6 kg

Motor Data (at STP)

Motor Type: F400 BC IE3
Electrical Supply: 400V 3ph 50Hz
Motor Frame: 200L
Motor Power: 36,00kW (AOM) (30,00kW IEC)
FLC/Start (SD): 65,16A (AOM) / 397,48A (54,30A FL IEC)
Motor Speed: 4 pole
Motor Efficiency: 94,1%



Sound Data

Spectrum (Hz):	63	125	250	500	1K	2K	4K	8K	dBW	dB(A) @ 3m
Inlet (dB):	114	110	109	108	106	105	104	99	118	92
Outlet (dB):	113	109	108	107	106	104	102	97	117	91

Sound levels are quoted as in-duct values. dB(A) values are average spherical free-field for comparative use only.



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Energy Related Product Data

Overall Efficiency:	60,1%	At Maximum Efficiency Point	
Measurement Category:	C	Input Power:	36,17 kW
Efficiency Category:	Static	Air Flow:	90909 m ³ /h
FMEG:	59	Pressure:	860 Pa
Specific Ratio:	1	Speed:	1460 r/min