

Medium pressure blower type MD14



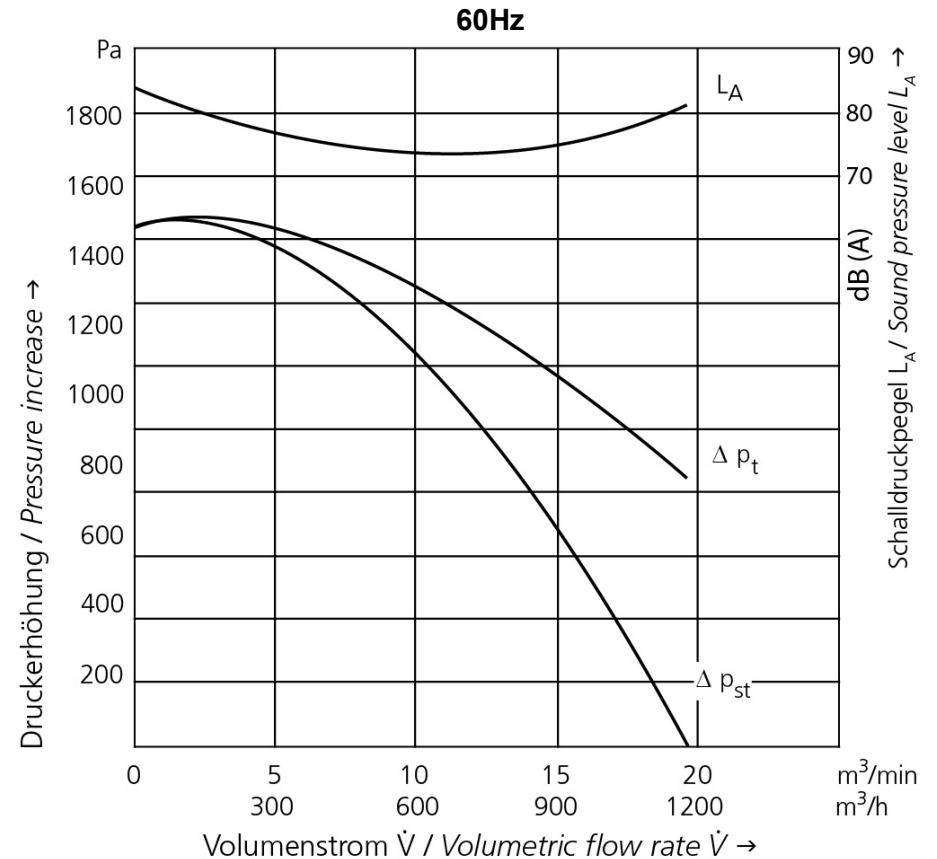
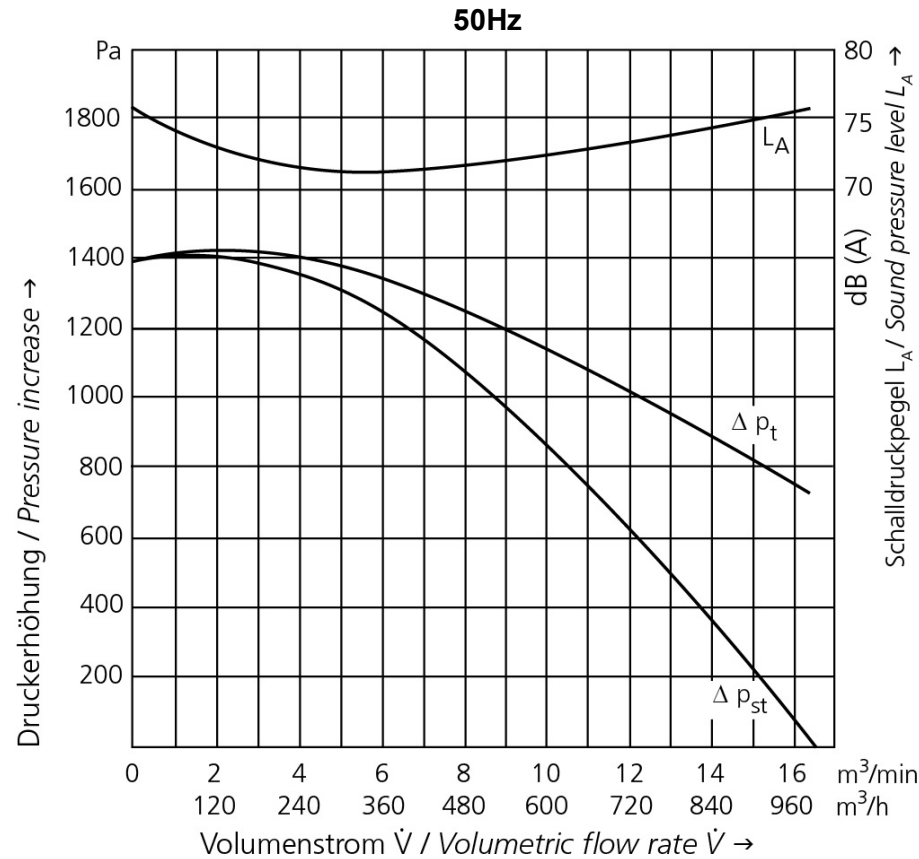
Type:	Radial fan
Configuration:	In the standard version, the fan on the intake side has a stainless steel filter that can be used after cleaning with compressed air. When using a fine filter, the stainless steel filter be removed.
Features:	The device is suitable for operation with frequency inverters for speed control. If desired, the device can be equipped with a thermistor (PTC), the signal can be evaluated with an optional trip device. The tech. Data remains unchanged.
Operating temperature:	The operating temperature of the radial pressure may NOT exceed 60°C . Optionally, the inlet air temperature of the fan can be raised by a single temperature lock onto a maximum of 180°C and with a double temperature lock onto a maximum of 230°C .
Ambient temperature:	-20 °C to +60 C.
Voltage:	Optional 1 x 230 V: Capacitor 230 VAC; 30 µF / V

Technical Data

Item no.:		5103527	
Voltage	VAC (Y/Δ)	200 – 277 / 345 - 480	
Frequency	Hz	50	60
Motor power	KW	0,37	0,55
Efficiency	cos φ	0,83	0,88
Current	A (Y/Δ)	1,55 – 2,60 / 0,90 – 1,50	2,00 – 2,25 / 1,15 – 1,30
Volume flow	m ³ / min	16,5	19,5
Total pressure difference	Pa	1400	2000
Speed	rpm	2825	3340
Sound pressure level	LpA (db)	76	77
Weight	kg	17,0	
Air intake	mm	Ø 125	
Air outlet	mm	Ø 90 (outside)	
Dimensions	mm (LxWxH)	345 x 485 x 485,5	
Protection type		IP 54	

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Fan characteristics by (Y/Δ) 230/400 VAC














Permissible vibration values according to ISO 14694

Fan application category [ah]	Rigidly mounted [mm/s ²]		Flexibly mounted [mm/s ²]	
	Peak	r.m.s.	Peak	r.m.s.
BV-3	3,8	2,8	5,1	3,5

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Accessories:

Item no.	Description
5103523	 Motor capacitor 230 V~ with clamp and cable
5107238	 Hose connection adaptor 1 x 90mm inside / 2 x 60mm outside
5107278	 Hose connection adaptor 1 x 60mm inside / 2 x 60mm outside
5107293	 Hose connection adaptor 1 x 38mm inside / 2 x 38mm outside
5207293	 Hose connection adaptor 1 x 38mm / 2 x 38mm – with thread outside
5107281	 Hose connection adaptor 1 x 38mm inside / 3 x 14mm outside
5107298	 Hose connection adaptor 1 x 38mm inside / 2 x 19mm outside
5107288	 PVC air hose – Ø 60mm innen
5107285	 Clamp for hose Ø 60mm
5107240	 Cap for hose connection adaptor Ø 60mm
5107286	 PVC air hose – Ø 38mm innen
5107287	Clamp for hose Ø 38mm
5107241	Cap for hose connection adaptor Ø 38mm
5113402	Intake for MD10

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