

Medium pressure blower type MD10



CE

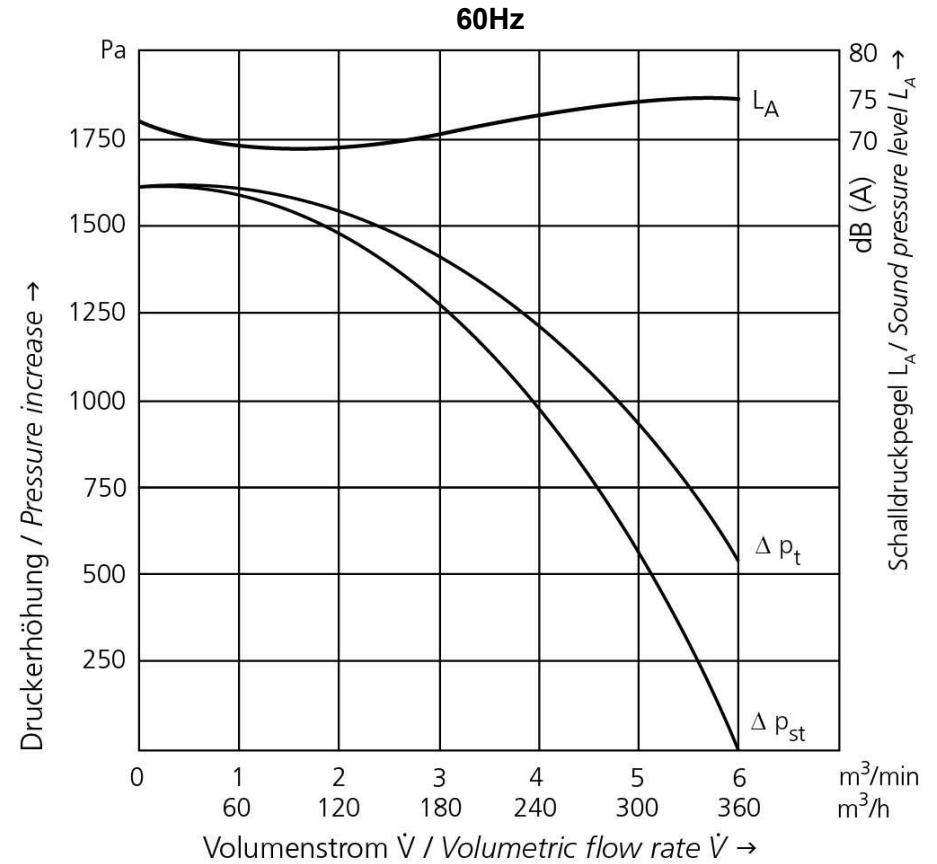
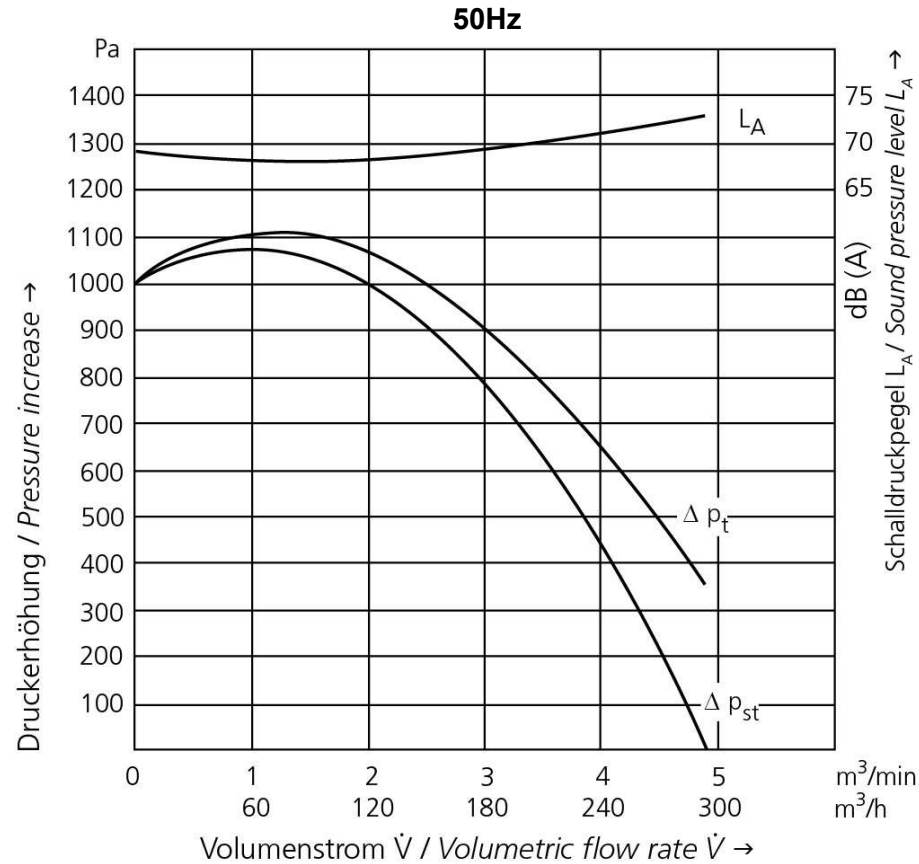
Type:	Radial fan
Configuration:	In the standard version, the fan on the intake side has a stainless steel filter that can be used after cleaning with compressed air. When using a fine filter, the stainless steel filter be removed.
Features:	The device is suitable for operation with frequency inverters 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 360°C .
Ambient temperature:	-20 °C to + 60 C.
Voltage:	Optional 1 x 230 V: Capacitor 230 VAC, 8 uF / V

Technical data

Item no.:	5103507		on request
Voltage	VAC(Y/Δ)	200 – 277 / 345 - 480	500
Frequency	Hz	50	60
Motor power	KW	0,075	0,14
Efficiency	cos φ	0,67	0,87
Current	A(Y/Δ)	0,45 – 0,48 / 0,26 – 0,28	0,55 – 0,59 / 0,32 – 0,34
Volume flow	m ³ / min	4,9	5,9
Total pressure difference	Pa	1000	1600
Speed	rpm	2750	3120
Sound pressure level	LpA (db)	73	76
Weight	kg	8,5	
Air intake	mm	Ø 70	
Air outlet	mm	Ø 60 (outside)	
Dimensions	mm (LxWxH)	231 x 356,5 x 344,5	
Protection type		IP 54	
Certificate		CE	UL

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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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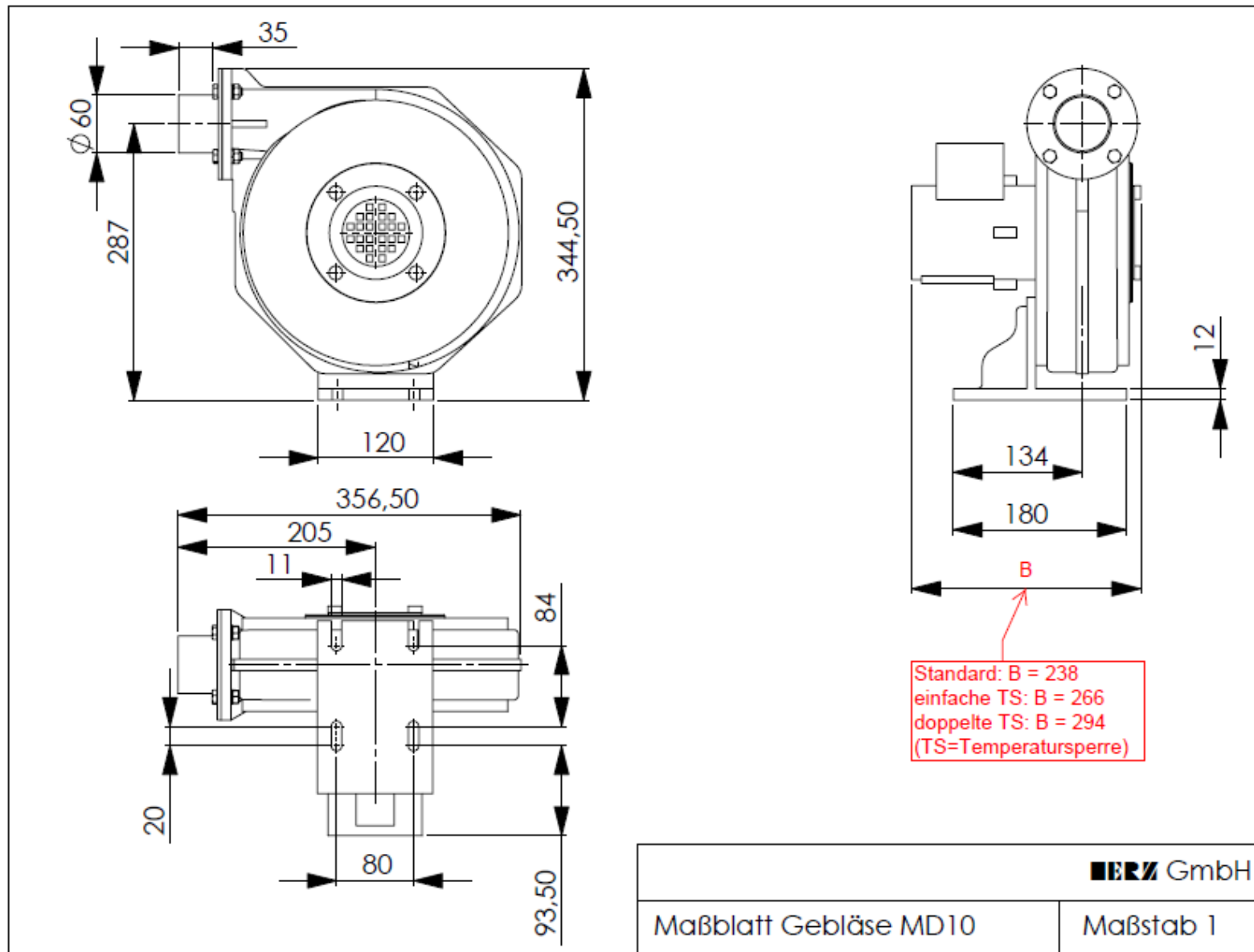
Accessories:

Item no.	Description
5110887	 Motor capacitor 230 V~ with clamp and cable
5107278	 Hose connection adaptor 1 x 60mm inside / 2 x 60mm outside
5107291	 Hose connection adaptor 1 x 60mm inside / 1 x 38mm 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 inside
5107286	 PVC air hose – Ø 38mm inside
5107285	 Hose clamp for hose Ø 60mm
5107287	 Hose clamp for hose Ø 38mm
5107240	 Cap for hose connection adaptor Ø 60mm
5107241	 Cap for hose connection adaptor Ø 38mm

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Item no.	Description
5107350	 PVC air hose – Ø 19mm inside
5107290	 Hose clamp for hose Ø 19mm
5107242	 Cap for hose connection adaptor Ø 19mm
5107356	 Stainless steel filter for MD10
5013402	Intake for MD10
5100620	Paper filter for MD10

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