

## High pressure blower type HD140

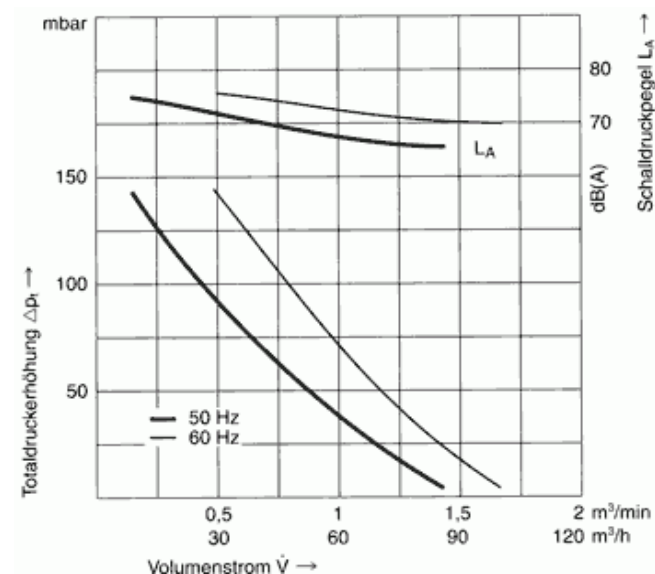


- Type:** Side channel blower
- Configuration:** In the standard version, the fan on the intake side has a stainless steel filter that can be used after cleaning with compressed air. When using a fine filter, the stainless steel filter be removed.
- Features:** The device is suitable for operation with 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**.
- Ambient temperature:** -20 ° C to +60 ° C 400VAC;
- Voltage:** Optional 1 x 230 V: 230 VAC Capacitor, 40 uF / V

## Technical data

Item-No.:	5103429		
Voltage	VAC (Y/Δ)	200 – 277 / 345 - 480	
Frequency	Hz	50	60
Motor power	KW	0,46	0,62
Efficiency	cos φ	0,8	
Current	A (Y/Δ)	2,10 – 2,85 / 1,20 – 1,65	2,40 – 2,70 / 1,35 – 1,55
Volume flow	m <sup>3</sup> / min	1,45	1,70
Total pressure difference	Pa	14000	14500
Speed	rpm	2810	3390
Sound pressure level	LpA (db)	65	70
Weight	kg	11,3	
Air intake	mm	Ø 38 (outside)	
Air outlet	mm	Ø 38 (outside)	
Dimensions	mm (LxWxH)	283 x 244 x 266,5	
Protection type		IP 54	

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














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### Permissible vibration values according to ISO 14694

Fan application category [a <sub>h</sub> ]	Rigidly mounted [mm/s <sup>2</sup> ]		Flexibly mounted [mm/s <sup>2</sup> ]	
	Peak	r.m.s.	Peak	r.m.s.
<b>BV-3</b>	<b>3,8</b>	<b>2,8</b>	<b>5,1</b>	<b>3,5</b>

### Accessories

Item-No.	Description
5108623	 Motor capacitor 230 V ~ with clamp and cable
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
5107286	 PVC air hose – Ø 38mm inside
5107287	 Hose clip for hose Ø 38mm
5107241	 Closure Cap for hose connection adaptor Ø 38mm
5107350	 PVC air hose aus PVC – Ø 19mm inside
5107290	 Hose clip for hose Ø 19mm
5107242	 Closure Cap for hose connection adaptor Ø 19mm
5107354	 Stainless steel filter for HD140

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