

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/140°F**. Optionally, the inlet air temperature of the fan can be raised by a single temperature lock onto a **maximum of 180°C/356°F** and with a double temperature lock onto a **maximum of 230°C/446°F**.
- Ambient temperature:** -20°C to +60 C / -4°F to +140°F.
- Voltage:** Optional 1 x 230VAC/50Hz, Capacitor 12/450µF/V (Item no.: 5103523)

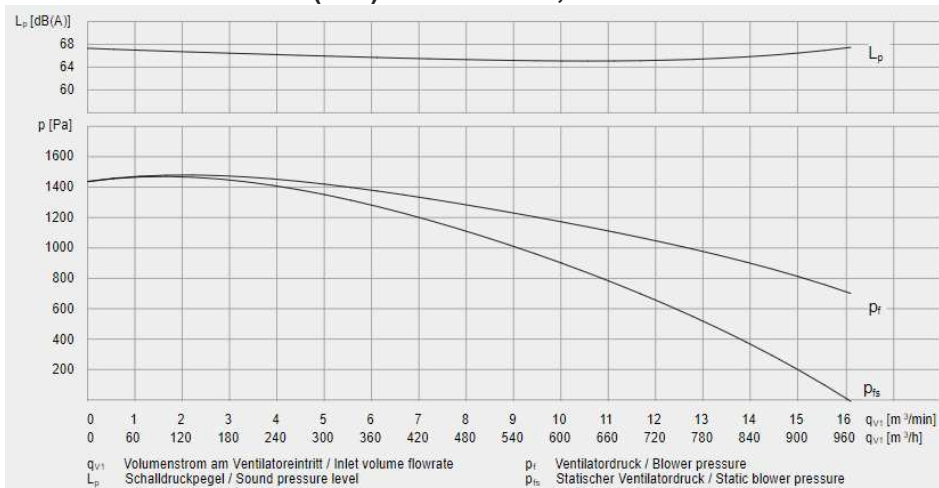
Technical data

Type:	Centrifugal fan			
Item no.:		5103527	5103531	on request
Voltage	VAC	(Y/Δ) 230 - 400	(Y/Δ) 277/ - 480	230
Frequency	Hz	50	60	50
Motor power	KW	0,37	0,44	0,37
Current	A	1,73/1,00		2,50
Volume flow	m ³ / min	16,1	16,3	16,1
Total pressure difference	Pa	1'470	1'590	1'400
Speed	rpm	2'845	3'440	2825
Sound pressure level	LpA (db)	76	77	76
Weight	kg	17,0		17,5
Air intake	mm	Ø 125		
Air outlet	mm	Ø 90 (aussen)		
Dimensions	mm (LxWxH)	485 x 350 x 485,5		
Protection type		IP 54		
Conformity		CE		
Protection class I		⚡		

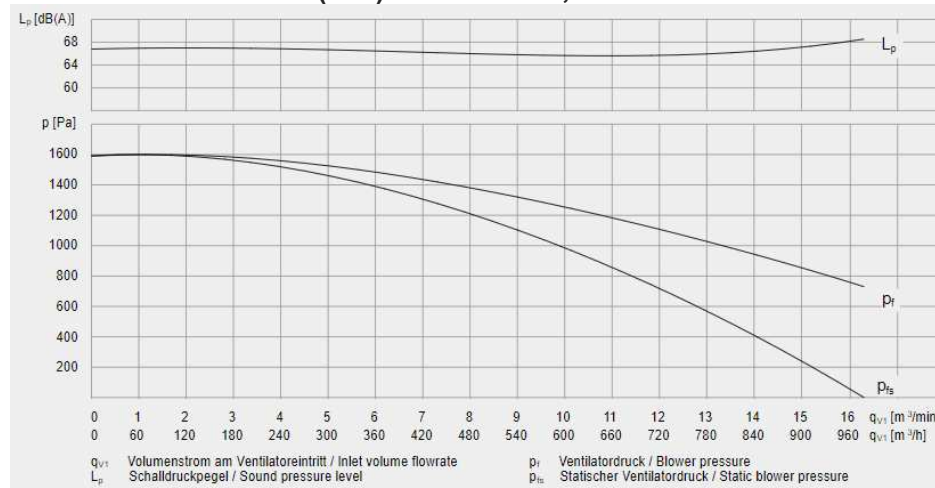
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Fan characteristics

(Y/Δ) 230/400VAC, 50Hz



(Y/Δ) 277/480VAC, 60Hz
















Permissible vibration values according to ISO 14694

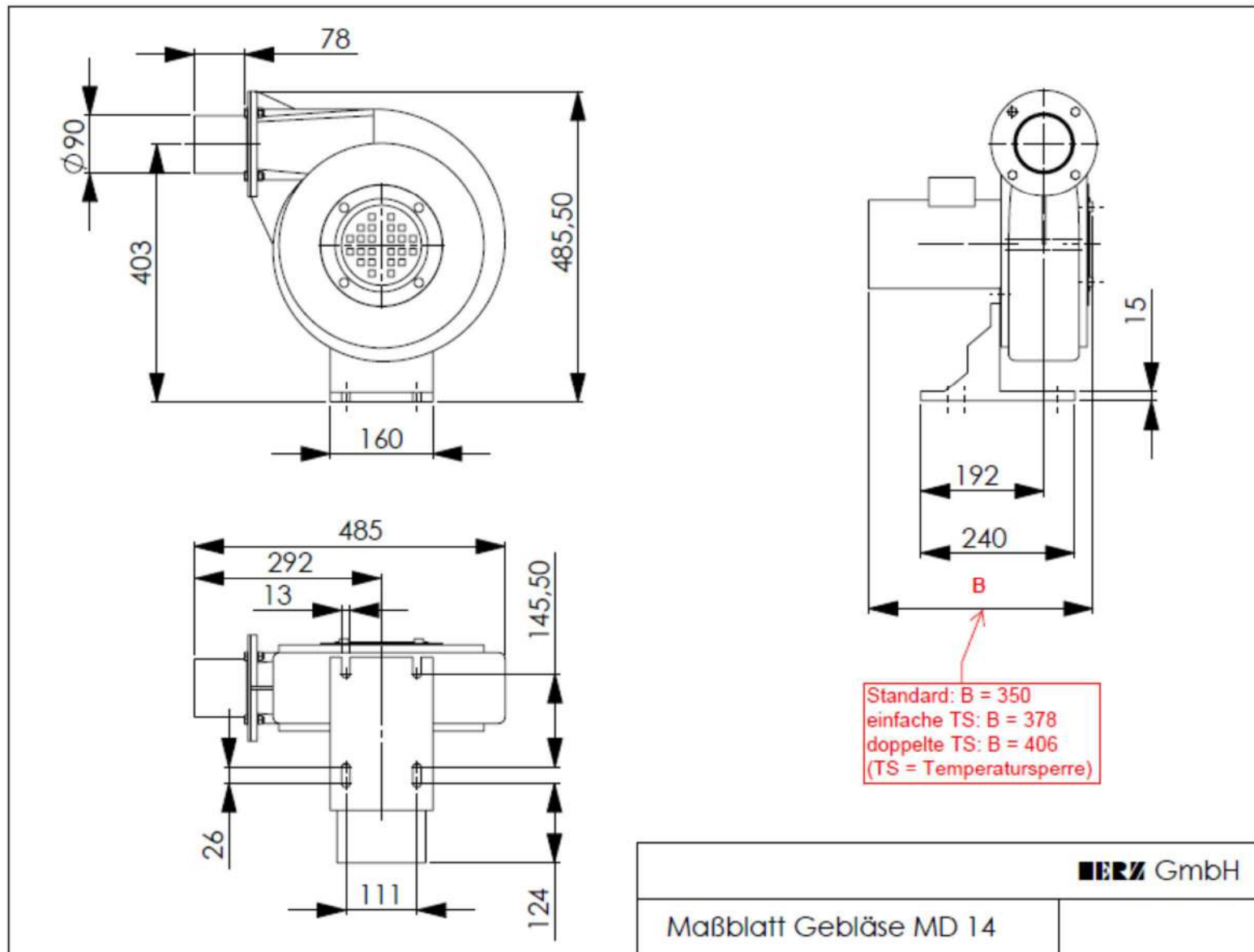
Fan application category [a _h]	Rigidly mounted [mm/s ²]		Flexibly mounted [mm/s ²]	
	Peak	r.m.s.	Peak	r.m.s.
BV-3	3,8	2,8	5,1	3,5

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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 MD14

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HERZ GmbH

Kunststoff- & Wärmetechnologie
Biberweg 1
DE – 56566 Neuwied
Tel.: +49 (0)2622-8855-0
Fax: +49 (0)2622-8855-135
Fax: +49 (0)2622-8855-136
www.herz-gmbh.com
info@herz-gmbh.com

HERZ Austria GmbH

Kunststoff- & Wärmetechnologie
Gleinser Weg 27
AT – 6141 Schönberg / Tirol
Tel.: +43 (0)5225-63113
Fax: +43 (0)5225-6311385
www.herz-austria.at
herz.schoenberg@herz-gmbh.com

HERZ Hungária Kft.

Műanyag- és hőlégtéchnika
Pesti út 284
HU – 2225 Üllő
Tel.: +36 (06)29-522400
Fax: +36 (06)29-522410
www.herz-hungaria.hu
herz@herz-hungaria.hu

HERZ Bulgaria OOD

Boul. Assen Yordanov 10
BG – 1592 Sofia
Tel.: +359 (0)2-9790351
www.herz-bulgaria.com
office@herz-bulgaria.com

HERZ GmbH

Kunststoff- & Wärmetechnologie
Am Arenberg 26A
DE – 86456 Gablingen
Tel.: +49 (0)8230-85085
Fax: +49 (0)8230-85087
www.herz-gmbh.com
robert.einberger@herz-gmbh.com

HERZ Austria GmbH

Kunststoff- & Wärmetechnologie
Johann-Galler-Str. 20 IZ – NÖ – Nord
AT – 2120 Wolkersdorf i. Weinviertel
Tel.: +43 (0)2245-82494-0
Fax: +43 (0)2245-82494-9
www.herz-austria.at
herz.wolkersdorf@herz-gmbh.com

HERZ Polska Sp.z o.o.

Technologie obróbki tworzyw sztucznych
Ul. Kostrzyńska 30
PL – 02-979 Warszawa
Tel.: +48 (0)22-8428583
Fax: +48 (0)22-8429700
www.herz-polska.pl
herz@herz-polska.pl

