Medium pressure blower type MD10



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 with Capacitor 8/450µF/V (Item no.: 5110887)

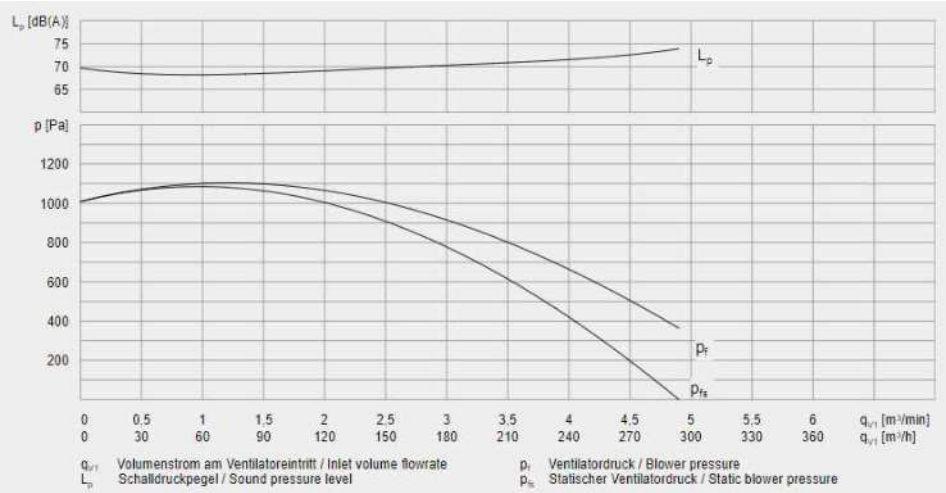
Technical data

Type:		Centrifugal fan			
Item no.:		5103507	5103509	on request	on request
Voltage	VAC	(Δ/Y) 230/400	(Δ/Y) 277/480	230	(Δ) 500
Frequency	Hz	50	60	50	60
Motor power	KW	0,08	0,12	0,08	0,11 (0,15HP)
Efficiency	cos φ	0,67	0,87	0,67	0,75
Current	A (Δ/Y)	0,55 / 0,32	0,61 / 0,35	0,65	Δ 0,34
Volume flow	m³ / min	4,9	5,9	4,8	5,2
Total pressure difference	Pa	1‘000	1‘300	1‘000	1‘200
Speed	rpm	2‘750	3‘380	2‘700	3‘210
Sound pressure level	LpA (db)	73	76	73	76
Weight	kg	8,5		8,6	8,5
Air intake	mm	Ø 70			
Air outlet	mm	Ø 60 (outside)			
Dimensions	mm (LxBxH)	356,5 x 238 x 344,5			
Protection type		IP 54			
Conformity		CE			UL
Protection class I		⏚			

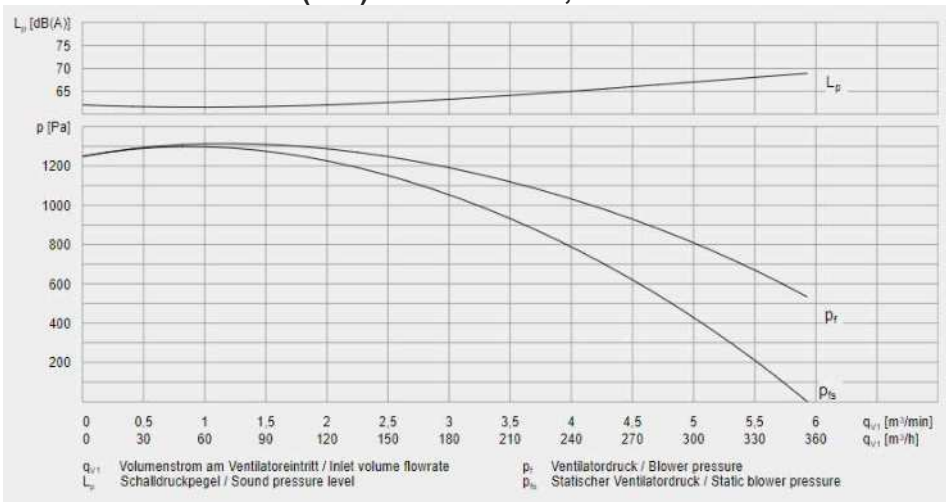
Medium pressure blower type MD10

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/s²]		Flexibly mounted [mm/s²]	
	Peak	r.m.s.	Peak	r.m.s.
BV-3	**3,8**	**2,8**	**5,1**	**3,5**

Medium pressure blower type MD10

Accessories:

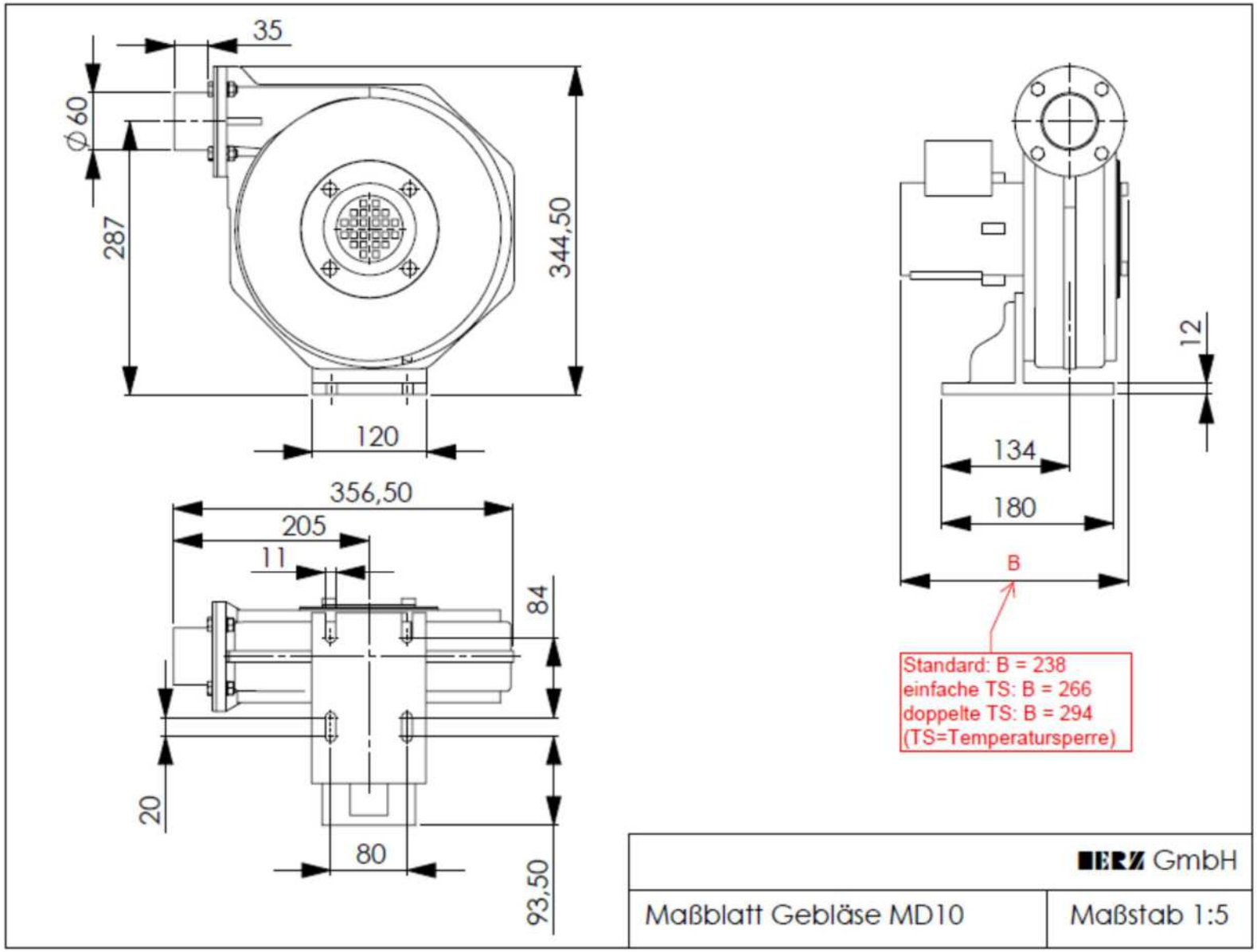
Item no.	Description	
5110887		Motor capacitor 230 V~ with clamp and cable
5107278		Hose connection adaptor 1 x 60mm inside / 2 x 60mm outside
5107291		Hose connection adaptor 1 x 60mm inside / 1 x 38mm outside
5107293		Hose connection adaptor 1 x 38mm inside / 2 x 38mm outside
5207293		Hose connection 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

Medium pressure blower type MD10

Accessories:

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

Medium pressure blower type MD10



Medium pressure blower type MD10

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- es hőlégtechnika
Pesti út 284
HU – 2225 Üllö
Tel.: +36 (06)29-522400
Fax: +36 (06)29-522 410
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 Warzawa
Tel.: +48 (0)22-8428583
Fax: +48 (0)22-8429700
www.herz-polska.pl
herz@herz-polska.pl

© by HERZ GmbH