

Motorlüfterrad einflutig drehzahlregelbar

Temperaturklasse T3

Motorized impeller single inlet
speed controllable
temperature class T3

II 2 G Ex e II T1, T2, T3
II 2 G c IIB T1, T2, T3

RH45M



Benennung
Product designation

Motorlüfterrad / Motorized impeller

Typ
type

RH45M-4DK.4Y.1R

Artikel-Nr.
article no.

Anschlusskabel seitlich / with cable side
Anschlusskabel axial / with cable axial

133 168
131 018

Gewicht / weight
Ziehl-Abegg-Einströmdüse nach DIN EN 14986 erforderlich
Ziehl-Abegg inlet rings according to DIN EN 14986 are required

12,5 kg
00405912

RH45M-4DK.4Y.1R

3~ 400 V ± 10% 50 Hz

Ex-Motordaten / Ex motor data

MK106-4DK.14.Y

U* 500Y V

P₁ 0,92 kW

I 1,49 A

n 1370 min⁻¹

PTB 08 ATEX 3061/03

t_A (T3) 50 s

max. Strom bei Teilspannung/ 1,58 A

max. current at partial voltage

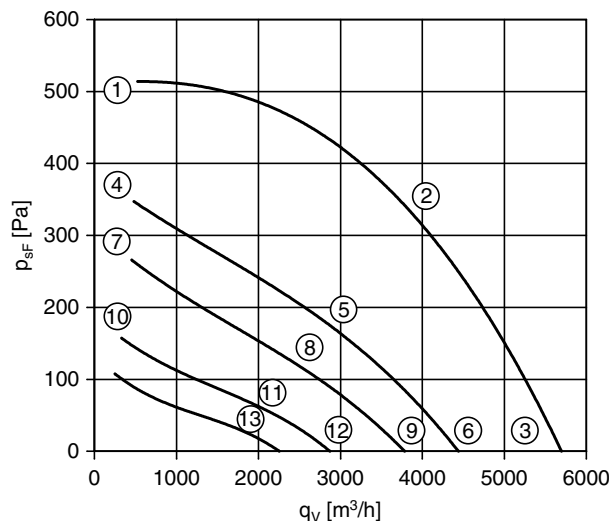
entspricht ΔI / equivalent ΔI 6%

I_A/I_N 4,1

-20°C ≤ T_a ≤ 40°C

Kaltleiter-Auslösegerät/
PTC relay U-EK 230 E**

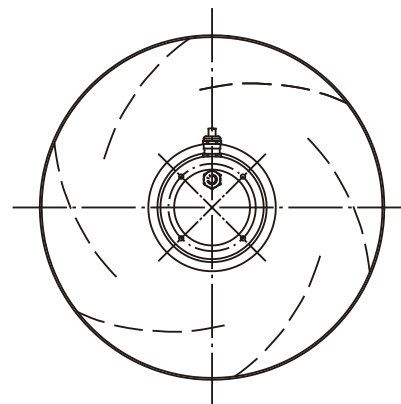
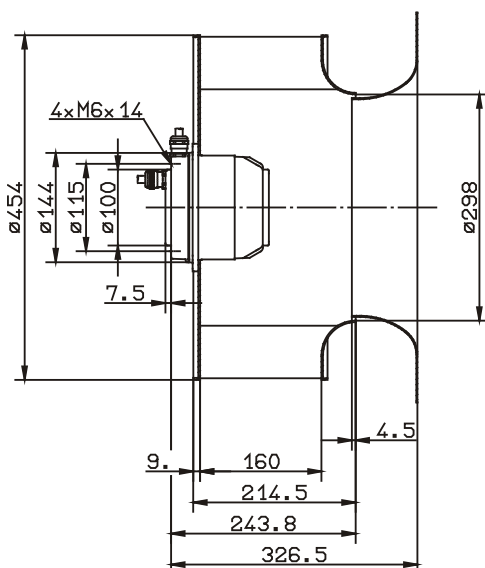
P_{d2} 9 · 10⁻⁷ · q_V²



RH45M400

rh45m4dk4y1rk002

	U	I	P ₁	n	L _{WA}
	V	A	W	min ⁻¹	dB
①	400	1,05	490	1410	
②	400	1,4	770	1350	76
③	400	1,25	650	1380	84
④	230	1,2	400	1170	
⑤	230	1,55	510	980	68
⑥	230	1,45	470	1070	78
⑦	190	1,25	330	1020	
⑧	190	1,45	380	830	66
⑨	190	1,4	370	910	74
⑩	145	1,15	230	790	
⑪	145	1,25	240	630	58
⑫	145	1,2	230	690	70
⑬	115	1,05	155	510	53



L-KL-2511/3

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II 2 G Ex e II T1, T2, T3
II 2 G c IIB T1, T2, T3

RH45M



Benennung
Product designation

Motorlüfterrad / Motorized impeller

Typ
type

RH45M-VDK.4Y.1R

Artikel-Nr.
article no.

133 179

Gewicht / weight

12,5 kg

Ziehl-Abegg-Einströmdüse nach DIN EN 14986 erforderlich

00405912

Ziehl-Abegg inlet rings according to DIN EN 14986 are required

RH45M-VDK.4Y.1R

3~ 400 V ± 10% ΔY 50 Hz

Ex-Motordaten / Ex motor data

MK106-4DK.14.Y

U*	500 Δ	V
P ₁	0,92	kW
I	1,49	A
n	1370	min ⁻¹

PTB 08 ATEX 3061/03

t_A (T3) 50 s

max. Strom bei Teilspannung/ 1,58 A

max. current at partial voltage

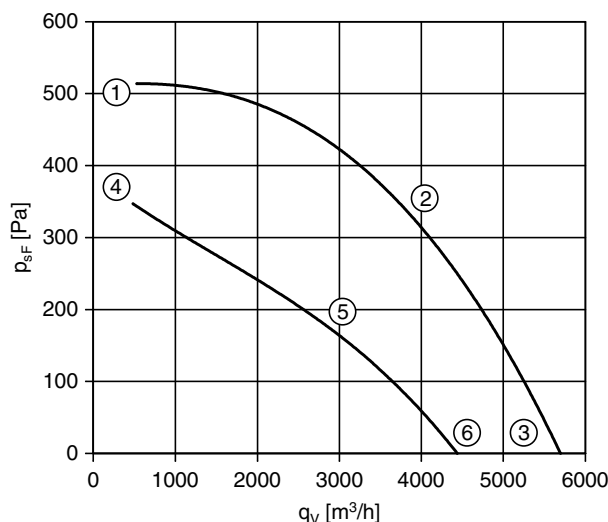
entspricht ΔI / equivalent ΔI 6%

I_A/I_N 4,1

-20°C ≤ Ta ≤ 40°C

Kaltleiter-Auslösegerät/
PTC relay U-EK 230 E**

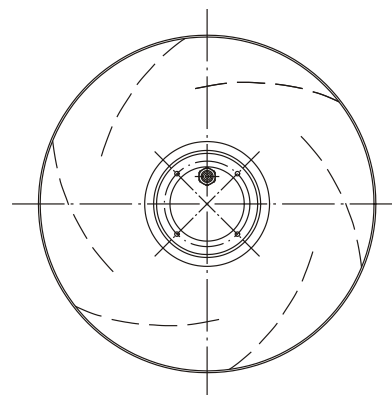
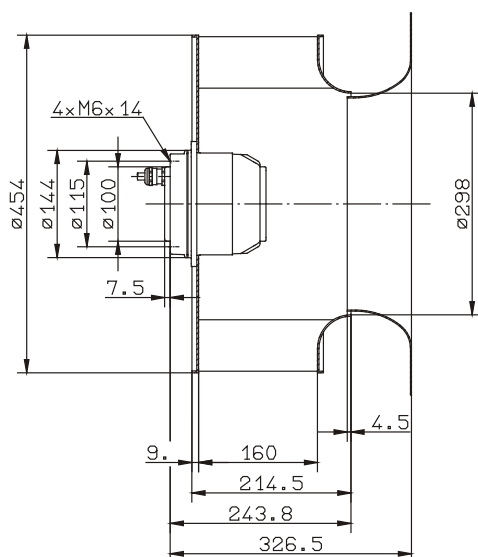
P_{d2} 9 · 10⁻⁷ · q_V²



RH45M401

rh45m4dk4y1rk002

	U	I	P ₁	n	L _{WA}
	V	A	W	min ⁻¹	dB
①		1,05	490	1410	
②	400	1,4	770	1350	76
③	Δ	1,25	650	1380	84
④		0,69	400	1170	
⑤	400	0,89	510	980	68
⑥	Y	0,84	470	1070	78



L-KL-2511/8