

Motorlüfterrad einflutrig Motorized impeller single inlet

RH50M



Benennung
Product designation

Motorlüfterrad / Motorized impeller

mit seitlichem Anschlußkabel /
with cable side

mit Klemmenkasten /
with terminal box

Typ
type

RH50M-4DK.6F.1R

RH50M-4DK.6F.1R

Artikel-Nr.
article no.

111 431

203 558

RH50M-4DK.6F.1R

400V $\pm$ 10% 50Hz

Motor/Rad 137-50-4/180 IP54

P_1 1,15 kW

I 2,1 A

n 1340 min⁻¹

I_A 9,2 A

t_R 45 °C

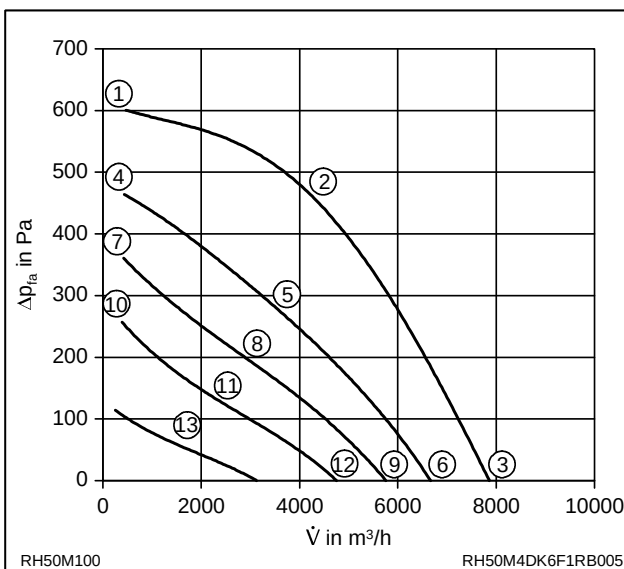
Anschlußschaltbild 106XA
Connection diagram



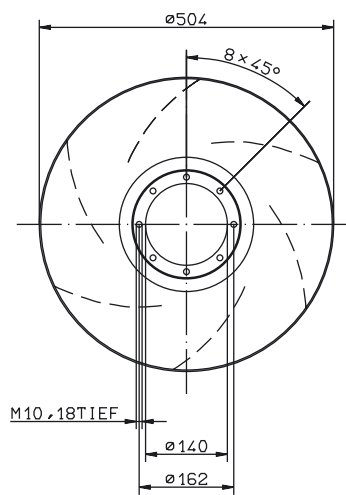
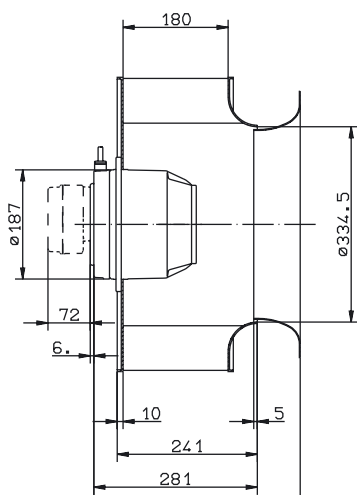
17 kg

$\dot{V}_{max}$ 8400 m³/h

P_{d2} $6,0 \cdot 10^{-7}$ $\cdot \dot{V}^2$



	U	I	P ₁	n	L _{WA}
	V	A	W	min ⁻¹	dB
①	400	1,5	700	1410	
②	400	2,1	1140	1340	78
③	400	1,65	840	1390	84
④	230	1,55	550	1240	
⑤	230	2,2	780	1070	73
⑥	230	1,8	640	1190	80
⑦	180	1,65	460	1100	
⑧	180	2,2	590	900	69
⑨	180	1,85	510	1030	77
⑩	140	1,6	350	930	
⑪	140	2,0	410	730	63
⑫	140	1,8	370	860	72
⑬	90	1,45	185	480	



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RH50M-VDK.6F.1R

RH50M-VDK.6F.1R

Artikel-Nr.
article no.

210 734

107 728

RH50M-VDK.6F.1R

400V $\pm 10\%$ Δ/Y 50Hz

Motor/Rad 137-50-4-4/180 IP54

P_1 1,15/0,79 kW

I 2,0/1,3 A

n 1330/1040 min^{-1}

I_A 8,6/2,9 A

t_R 45 $^{\circ}\text{C}$

Anschlußschaltbild 108XA

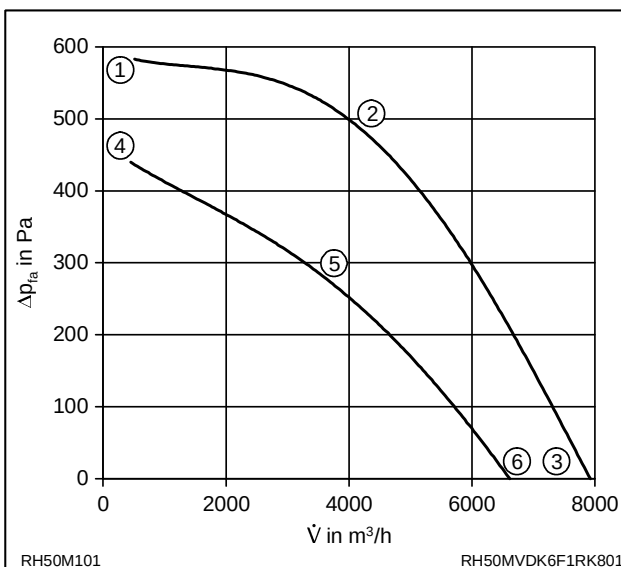
Connection diagram



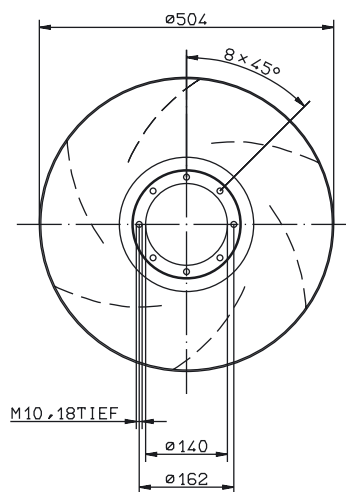
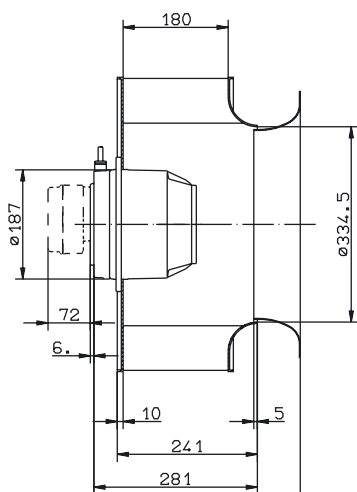
17 kg

$\dot{V}_{\text{max}}$ 8200 m^3/h

p_{d2} $6,0 \cdot 10^{-7}$ $\cdot \dot{V}^2$



	U	I	P ₁	n	L _{WA}
	V	A	W	min ⁻¹	dB
①		1,5	740	1400	
②	400	2,0	1150	1330	77
③	Δ	1,65	860	1390	83
④		1,05	570	1220	
⑤	400	1,3	790	1040	71
⑥	Y	0,96	650	1170	79



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RH50M-4EK.6K.1R

RH50M-4EK.6K.1R

Artikel-Nr.
article no.

109 320

121 866

RH50M-4EK.6K.1R

230V $\pm$ 10% 50Hz

Motor/Rad 137-76-4/180 IP54

P₁ 1,3 kW

I 5,7 A

n 1320 min⁻¹

I_A 15 A

C_{400V} 30 μ F

t_R 50 °C

Anschlußschaltbild 104XA

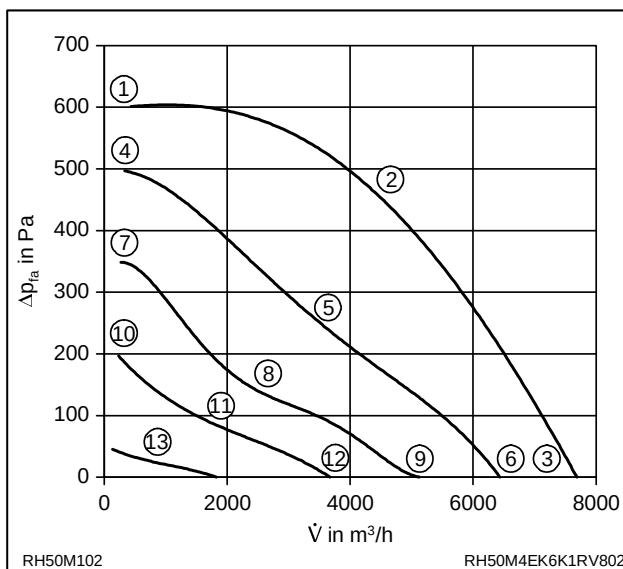
Connection diagram



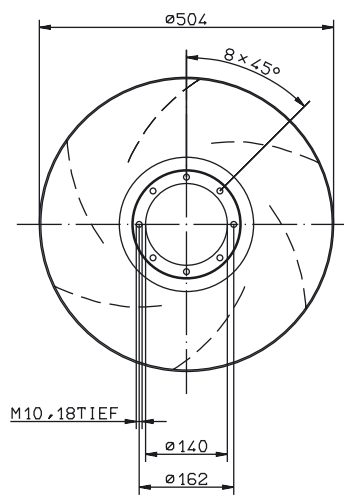
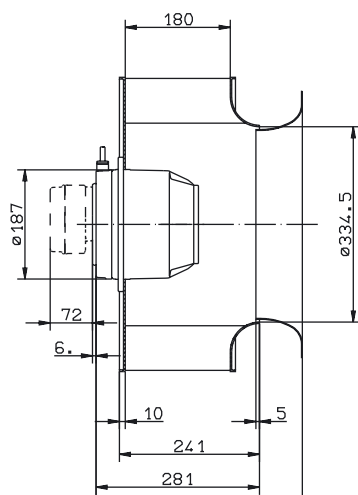
22 kg

$\dot{V}_{max}$ 7650 m³/h

p_{d2} 6,0 · 10⁻⁷ · $\dot{V}^2$



	U	I	P ₁	n	L _{WA}
	V	A	W	min ⁻¹	dB
①	230	4,1	940	1410	
②	230	5,7	1300	1320	79
③	230	4,7	1100	1390	83
④	160	4,5	710	1270	
⑤	160	6,2	930	1000	71
⑥	160	5,3	820	1170	79
⑦	130	4,7	580	1070	
⑧	130	5,6	650	740	64
⑨	130	5,3	640	930	73
⑩	105	4,3	410	800	
⑪	105	4,7	430	560	58
⑫	105	4,5	420	670	66
⑬	60	2,7	135	290	



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RH50M-6DK.4F.1R

RH50M-6DK.4F.1R

Artikel-Nr.
article no.

121 399

200 148K

RH50M-6DK.4F.1R

400V $\pm$ 10% 50Hz

Motor/Rad 106-50-6/180 IP54

P₁ 0,39 kW

I 0,81 A

n 850 min⁻¹

I_A 1,75 A

t_R 45 °C

Anschlußschaltbild 106XA

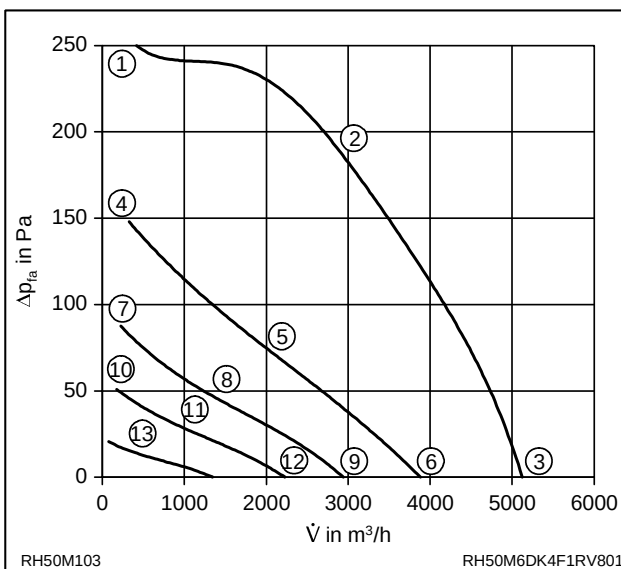
Connection diagram



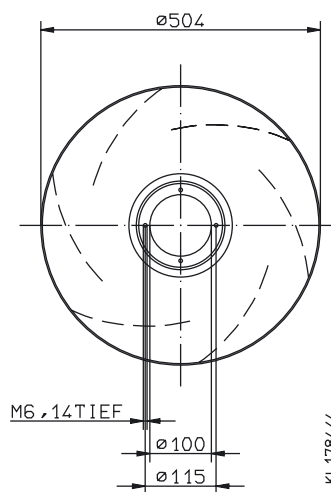
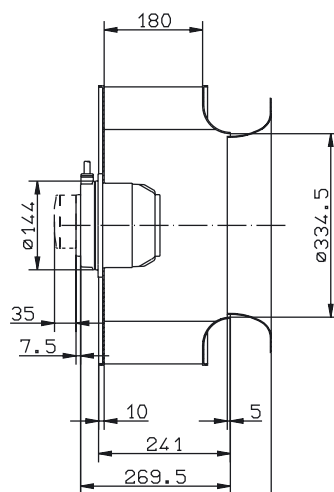
11 kg

$\dot{V}_{max}$ 5150 m³/h

P_{d2} 6,0 · 10⁻⁷ · $\dot{V}^2$



	U	I	P ₁	n	L _{WA}
	V	A	W	min ⁻¹	dB
①	400	0,65	270	910	
②	400	0,81	390	850	67
③	400	0,66	280	910	73
④	230	0,66	185	690	
⑤	230	0,76	210	540	57
⑥	230	0,68	190	680	66
⑦	180	0,58	120	530	
⑧	180	0,63	130	410	50
⑨	180	0,60	125	520	60
⑩	140	0,49	78	400	
⑪	140	0,51	80	310	44
⑫	140	0,50	80	390	53
⑬	90	0,32	32	200	



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RH50M-SDK.4F.1R

RH50M-SDK.4F.1R

Artikel-Nr.
article no.

121 663

107 690

RH50M-SDK.4F.1R

400V $\pm 10\%$ Δ/Y 50Hz

Motor/Rad 106-50-6-6/180 IP54

P_1 0,40/0,22 kW

I 0,89/0,47 A

n 870/570 min^{-1}

I_A 1,75/0,58 A

t_R 45 $^{\circ}\text{C}$

Anschlußschaltbild 108XA

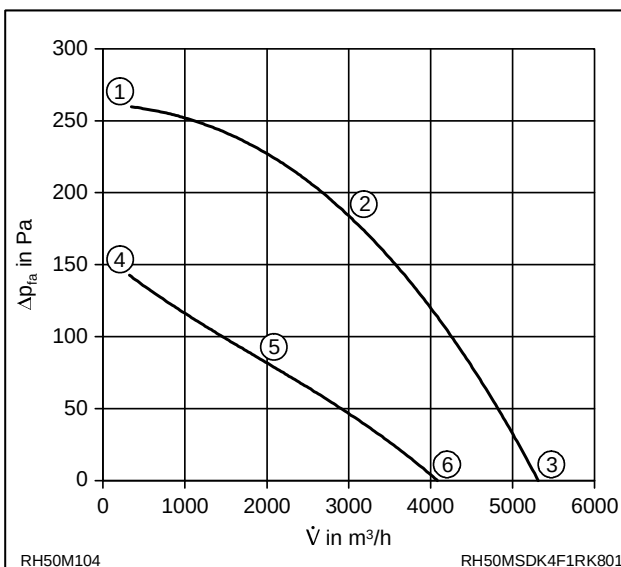
Connection diagram



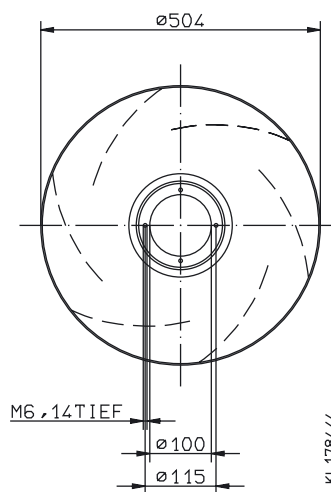
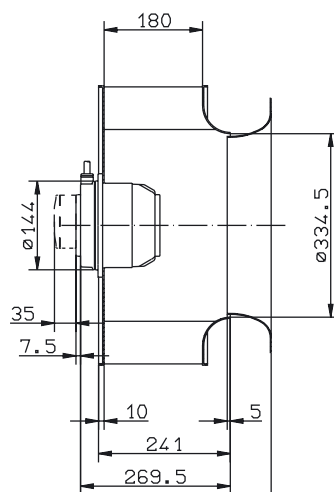
11 kg

$\dot{V}_{\max}$ 5150 m^3/h

p_{d2} $6,0 \cdot 10^{-7}$ $\cdot \dot{V}^2$



	U	I	P ₁	n	L _{WA}
	V	A	W	min ⁻¹	dB
①		0,71	260	930	
②	400	0,89	400	870	67
③	Δ	0,76	290	920	73
④		0,37	175	760	
⑤	400	0,47	220	570	58
⑥	Y	0,41	190	720	67



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RH50M-6EK.4F.1R

RH50M-6EK.4F.1R

Artikel-Nr.
article no.

121 850

121 867

RH50M-6EK.4F.1R

230V $\pm$ 10% 50Hz

Motor/Rad 106-50-6/180 IP54

P₁ 0,38 kW

I 1,65 A

n 820 min⁻¹

I_A 2,7 A

C_{400V} 12 μ F

t_R 40 °C

Anschlußschaltbild 104XA

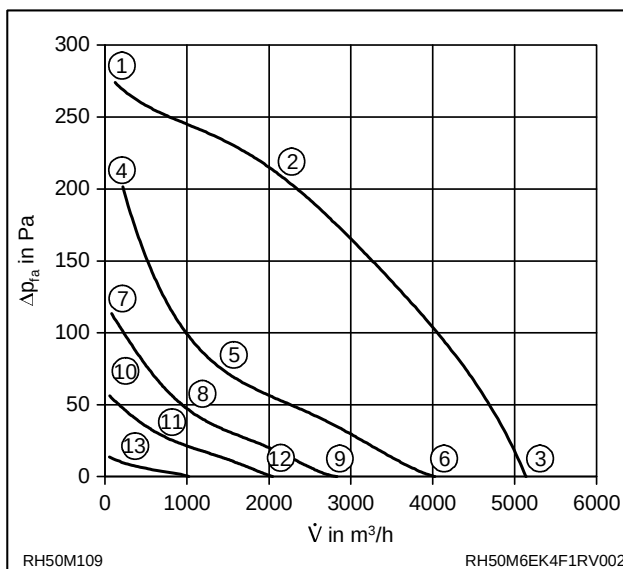
Connection diagram



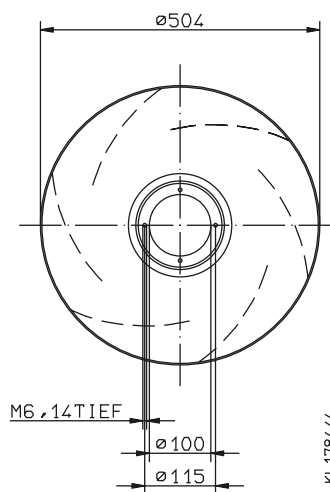
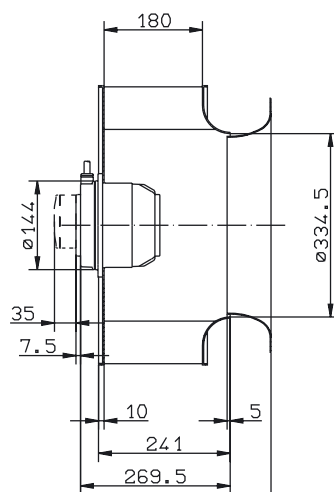
11 kg

$\dot{V}_{max}$ 5150 m³/h

P_{d2} 6,0 · 10⁻⁷ · $\dot{V}^2$



	U	I	P ₁	n	L _{WA}
	V	A	W	min ⁻¹	dB
①	230	1,25	290	920	
②	230	1,65	380	820	66
③	230	1,35	310	900	73
④	160	1,2	190	790	
⑤	160	1,4	210	500	55
⑥	160	1,3	200	700	67
⑦	130	1,1	140	590	
⑧	130	1,15	140	380	48
⑨	130	1,15	140	500	59
⑩	105	0,92	91	410	
⑪	105	0,93	91	290	
⑫	105	0,93	92	370	
⑬	60	0,54	30	160	



RH50M

Artikel-Nr.
article no.

121 899

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Typ
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RH50M-ADK.4C.1R

RH50M-ADK.4C.1R

Artikel-Nr.
article no.

121 854

122 243

RH50M-ADK.4C.1R

400V $\pm 10\%$ Δ/Y 50Hz

Motor/Rad 106-35-8-8/180 IP54

P_1 0,17/0,1 kW

I 0,36/0,17 A

n 630/440 min^{-1}

I_A 0,93/0,31 A

t_R 45 $^{\circ}\text{C}$

Anschlußschaltbild 108XA

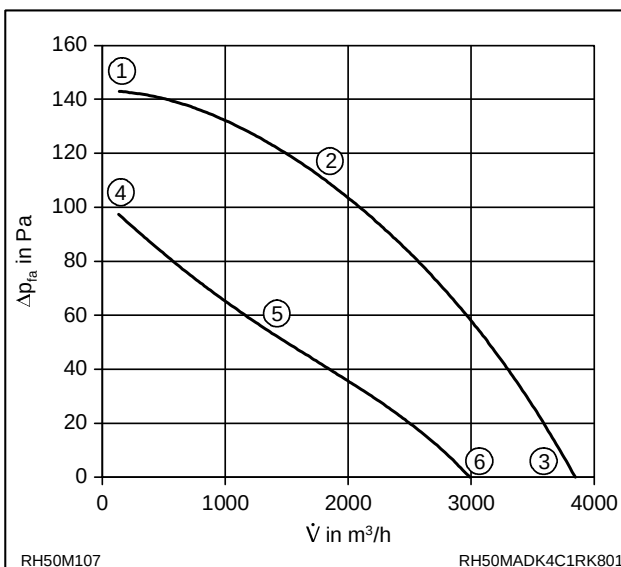
Connection diagram



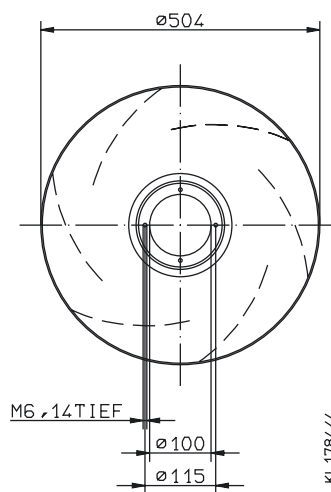
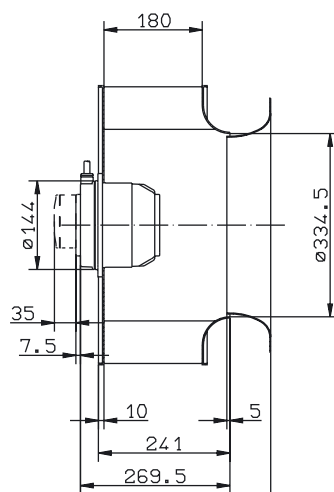
10,5 kg

$\dot{V}_{\max}$ 4000 m^3/h

P_{d2} $6,0 \cdot 10^{-7}$ $\cdot \dot{V}^2$



	U	I	P ₁	n	L _{WA}
	V	A	W	min ⁻¹	dB
①		0,30	110	680	
②	400	0,36	165	630	59
③	Δ	0,32	125	670	64
④		0,13	70	560	
⑤	400	0,17	95	440	52
⑥	Y	0,15	80	530	61



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RH50M-8EK.4F.1R

RH50M-8EK.4F.1R

Artikel-Nr.
article no.

121 853

210 050K

RH50M-8EK.4F.1R

230V $\pm$ 10% 50Hz

Motor/Rad 106-50-8/180 IP54

P_1 0,21 kW

I 1,00 A

n 660 min^{-1}

I_A 1,65 A

C_{400V} 5 μF

t_R 55 $^{\circ}\text{C}$

Anschlußschaltbild 104XA

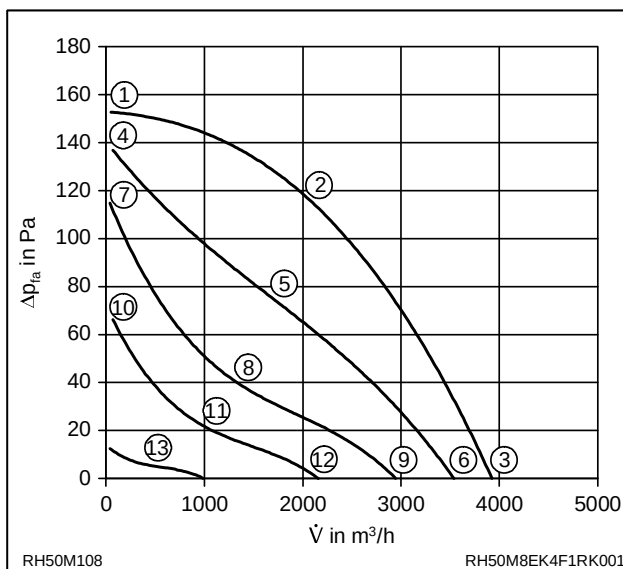
Connection diagram



11 kg

$\dot{V}_{\text{max}}$ 4150 m^3/h

P_{d2} $6,0 \cdot 10^{-7}$ $\cdot \dot{V}^2$



	U	I	P ₁	n	L _{WA}
	V	A	W	min ⁻¹	dB
①	230	0,82	170	710	
②	230	1,00	210	660	61
③	230	0,87	180	690	68
④	160	0,70	105	660	
⑤	160	0,97	140	530	55
⑥	160	0,78	120	630	66
⑦	130	0,71	86	590	
⑧	130	0,90	105	400	53
⑨	130	0,79	95	530	62
⑩	105	0,70	66	460	
⑪	105	0,77	71	300	
⑫	105	0,73	69	390	
⑬	60	0,46	23	150	

