

Technical Data

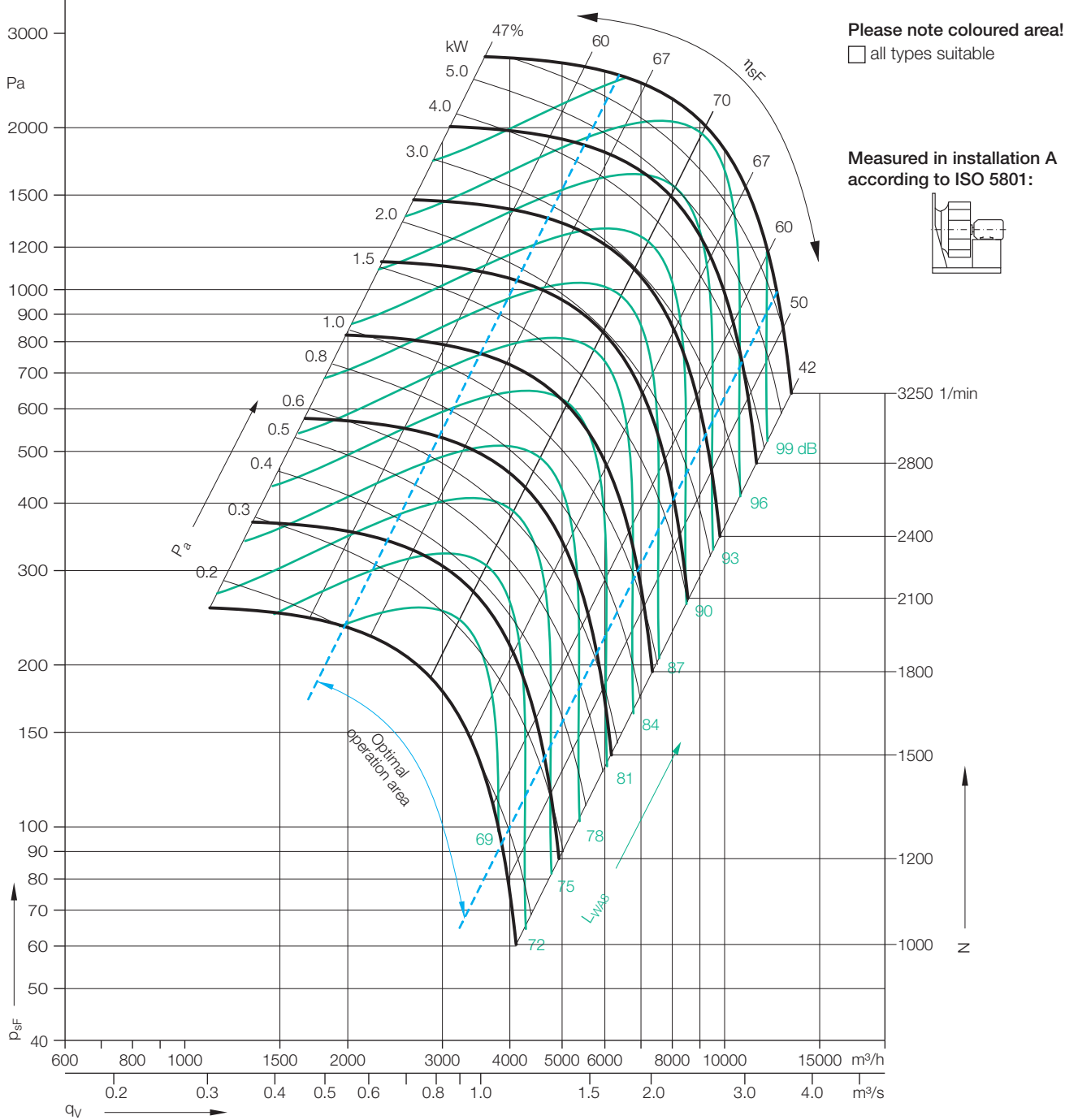
Impeller Data

Impeller diameter	D_r	455	mm
Number of blades	z	6	
Moment of Inertia	J	0.27	kgm ²

Impeller Data

Impeller weight	m	9	kg
Density of media	ρ_1	1.2	kg/m ³
Tolerance class (DIN 24166)		1	

Technical Data



Relative sound power level for discharge side L_{Wrel8} at octave centre frequencies f_m

Speed
≤1800 1/min
Speed
>1800 1/min

63	125	250	500	1000	2000	4000	8000	Hz
-7	2	-3	-6	-4	-6	-12	-20	dB
63	125	250	500	1000	2000	4000	8000	Hz
-6	-10	-1	-6	-5	-7	-9	-16	dB

Relative sound power level for inlet side L_{Wrel5} at octave centre frequencies f_m

63	125	250	500	1000	2000	4000	8000	Hz
-7	1	-1	-4	-9	-11	-18	-26	dB
63	125	250	500	1000	2000	4000	8000	Hz
-8	-9	2	-3	-9	-12	-14	-20	dB



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RLM ..-4045

Technical Data

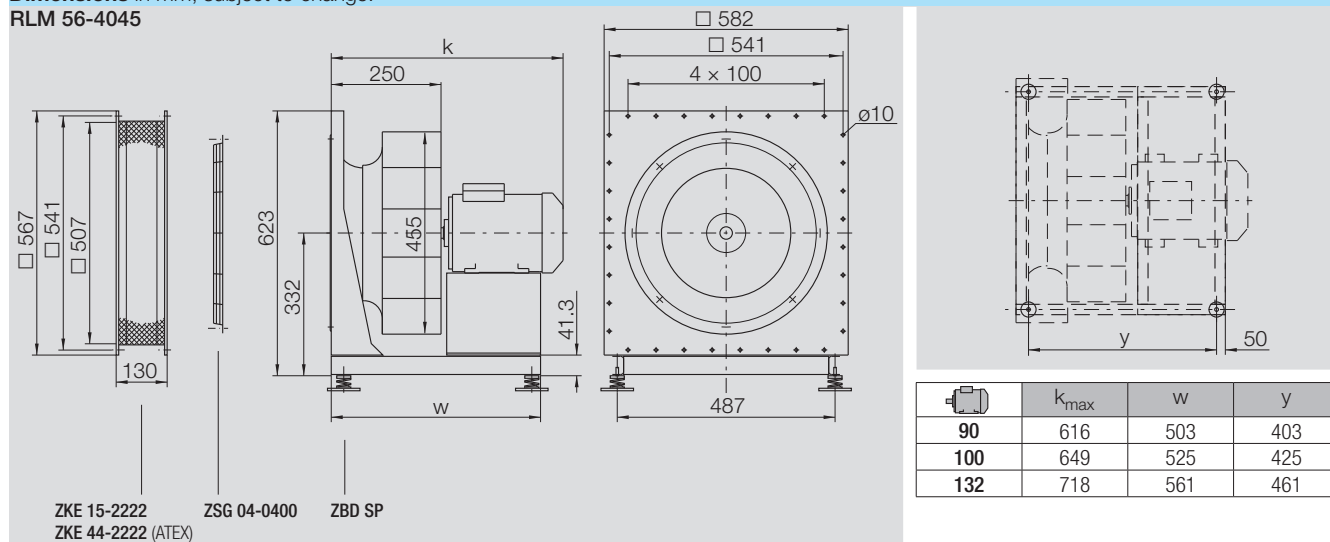
	Nominal motor power	Poles	Motor size	Motor voltage	Nominal fre- quency	Connection	Nominal motor current	Nominal motor speed	Max. fan speed	Max. operating frequency	Weight
RLM 56-	kW	—		V	Hz		A	1/min	1/min	Hz	kg
4045-4D-13	1.10	4	90 S	230/400	50	Δ/Y	4.50/2.60	1415	1700	60	40
4045-4D-14	1.50	4	90 L	230/400	50	Δ/Y	6.00/3.45	1420	1900	67	44
4045-4D-16	2.20	4	100 L	400	50	Δ	4.75	1425	2130	75	47
4045-4D-17	3.00	4	100 L	400	50	Δ	6.30	1425	2350	82	52
4045-2D-21	5.50	2	132 S	400	50	Δ	10.60	2905	2950	50	66
4045-2D-22	7.50	2	132 S	400	50	Δ	14.40	2925	3250	55	70

Technical Data

	Nominal motor power	Poles	Motor size	Motor voltage	Nominal fre- quency	Connection	Nominal motor current	Nominal motor speed	Max. fan speed	Max. operating frequency	Weight
RLM 56-Ex II 2G c IIB T4	kW	—		V	Hz		A	1/min	1/min	Hz	kg
4045-4Y-14-2G	1.10	4	90 La	230/400	50	Δ/Y	4.70/2.70	1410	1700	60	59
4045-4Y-15-2G	1.50	4	90 Lb	230/400	50	Δ/Y	6.10/3.50	1420	1890	66	63
4045-4Y-16-2G	2.20	4	100 L	400	50	Δ	5.10	1420	2130	75	73
4045-4Y-17-2G	3.00	4	100 L	400	50	Δ	6.60	1415	2350	83	87
4045-2Y-21-2G	5.50	2	132 S	400	50	Δ	10.50	2925	2905	49	106
4045-2Y-22-2G	7.50	2	132 S	400	50	Δ	14.00	2930	3210	54	105

Dimensions in mm, subject to change.

RLM 56-4045



Accessories

	Frequency Inverter Unit MM420 for 3~	Frequency Inverter Unit G110 for 1~	Line Choke for 3~	Line Choke for 1~
RLM 56-				
4045-4D-13	MM420 3AC 400V 1.10KW EMV B	G110 1AC 230V 1.10KW EMV B	6SE6400-3CC00-4AD3	6SE6400-3CC02-6BB3
4045-4D-14	MM420 3AC 400V 1.50KW EMV B	G110 1AC 230V 1.50KW EMV B	6SE6400-3CC00-6AD3	6SE6400-3CC02-6BB3
4045-4D-16	MM420 3AC 400V 2.20KW EMV B	-	6SE6400-3CC01-0BD3	-
4045-4D-17	MM420 3AC 400V 3.00KW EMV B	-	6SE6400-3CC01-0BD3	-
4045-2D-21	MM420 3AC 400V 5.50KW EMV B	-	6SE6400-3CC02-2CD3	-
4045-2D-22	MM420 3AC 400V 7.50KW EMV B	-	6SE6400-3CC02-2CD3	-
RLM 56-Ex II 2G c IIB T4				
4045-4Y-14-2G	MM420 3AC 400V 1.10KW EMV B	G110 1AC 230V 1.10KW EMV B	6SE6400-3CC00-4AD3	6SE6400-3CC02-6BB3
4045-4Y-15-2G	MM420 3AC 400V 1.50KW EMV B	G110 1AC 230V 1.50KW EMV B	6SE6400-3CC00-6AD3	6SE6400-3CC02-6BB3
4045-4Y-16-2G	MM420 3AC 400V 2.20KW EMV B	-	6SE6400-3CC01-0BD3	-
4045-4Y-17-2G	MM420 3AC 400V 3.00KW EMV B	-	6SE6400-3CC01-0BD3	-
4045-2Y-21-2G	MM420 3AC 400V 5.50KW EMV B	-	6SE6400-3CC02-2CD3	-
4045-2Y-22-2G	MM420 3AC 400V 7.50KW EMV B	-	6SE6400-3CC02-2CD3	-



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