

Technical Data

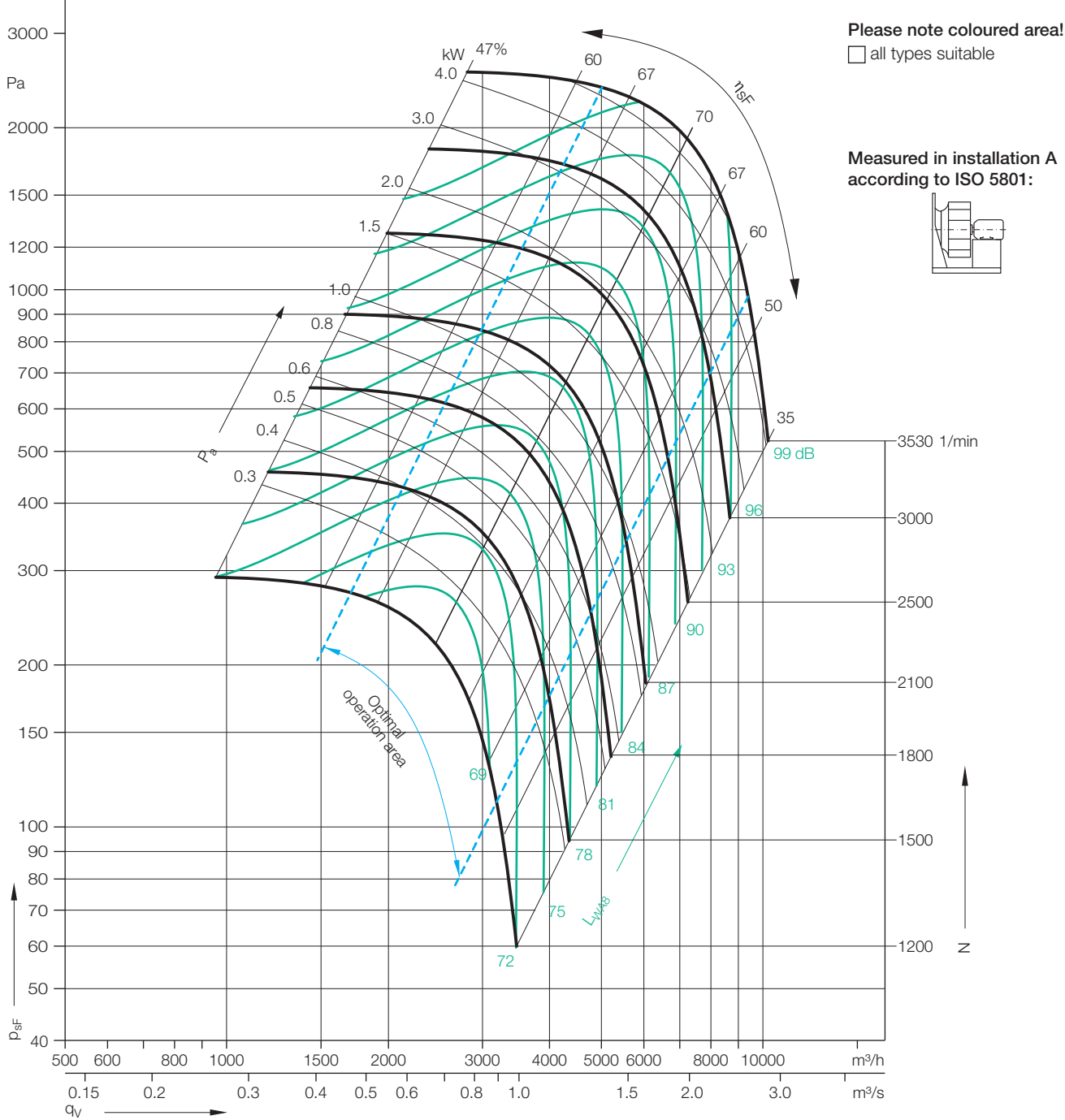
Impeller Data

Impeller diameter	D_r	406	mm
Number of blades	z	6	
Moment of Inertia	J	0.15	kgm ²

Impeller Data

Impeller weight	m	6.4	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 ..-3540

Technical Data

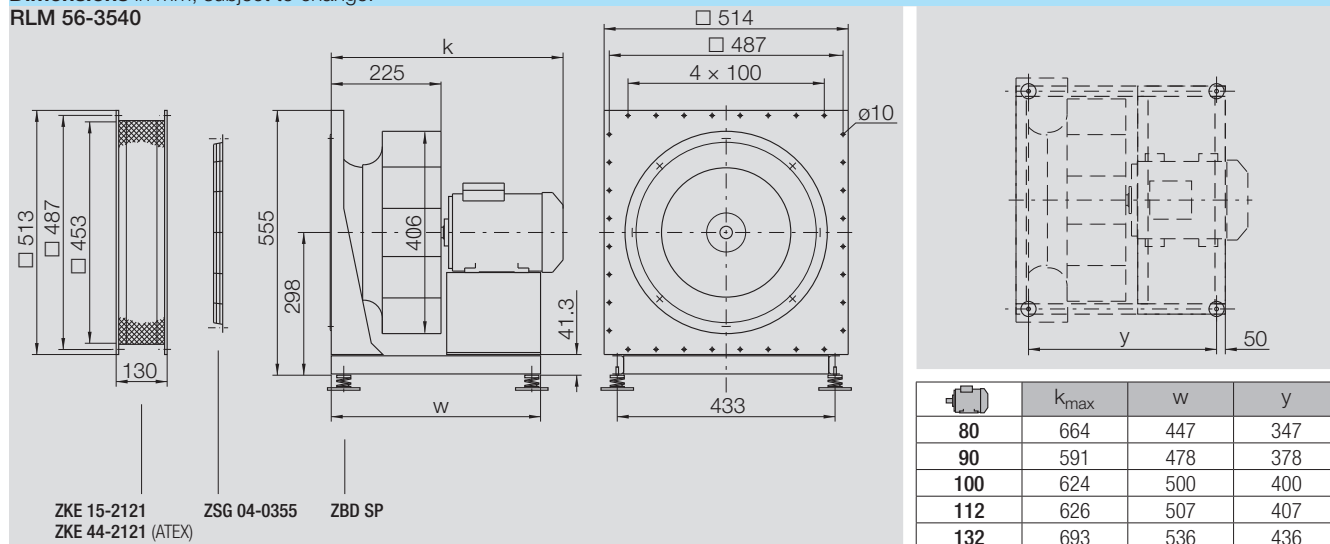
	Nominal motor power	Poles	Motor size	Motor voltage	Nominal fre- quency	Connection	Nominal motor current	Nominal motor speed	Max. fan speed	Max. operating frequency	Weight
RLM 56-	kW	—		V	Hz		A	1/min	1/min	Hz	kg
3540-4D-11	0.75	4	80 M	230/400	50	Δ/Y	3.25/1.88	1395	1810	65	31
3540-4D-13	1.10	4	90 S	230/400	50	Δ/Y	4.50/2.60	1415	2050	72	35
3540-4D-14	1.50	4	90 L	230/400	50	Δ/Y	6.00/3.45	1420	2250	79	38
3540-4D-16	2.20	4	100 L	400	50	Δ	4.75	1475	2480	87	42
3540-2D-16	3.00	2	100 L	400	50	Δ	6.10	2835	2900	51	43
3540-2D-19	4.00	2	112 M	400	50	Δ	8.10	2930	3200	54	48
3540-2D-21	5.50	2	132 S	400	50	Δ	10.60	2905	3530	60	60

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
3540-4Y-11-2G	0.75	4	80 M	230/400	50	Δ/Y	3.30/1.88	1395	1810	64	47
3540-4Y-14-2G	1.10	4	90 La	230/400	50	Δ/Y	4.70/2.70	1410	2050	72	54
3540-4Y-15-2G	1.50	4	90 Lb	230/400	50	Δ/Y	6.10/3.50	1420	2250	79	57
3540-4Y-16-2G	2.20	4	100 L	400	50	Δ	5.10	1420	2480	87	68
3540-2Y-16-2G	3.00	2	100 L	400	50	Δ	6.20	2885	2855	49	67
3540-2Y-19-2G	4.00	2	112 M	400	50	Δ	7.80	2895	3140	54	80
3540-2Y-21-2G	5.50	2	132 S	400	50	Δ	10.50	2925	3230	55	100

Dimensions in mm, subject to change.

RLM 56-3540



Accessories

Frequency Inverter Unit MM420
for 3~

Frequency Inverter Unit G110 for 1~ Line Choke for 3~

Line Choke for 1~

RLM 56-	Frequency Inverter Unit MM420 for 3~	Frequency Inverter Unit G110 for 1~	Line Choke for 3~	Line Choke for 1~
3540-4D-11	MM420 3AC 400V 0.75kW EMV B	G110 1AC 230V 0.75kW EMV B	6SE6400-3CC00-4AD3	6SE6400-3CC01-0AB3
3540-4D-13	MM420 3AC 400V 1.10kW EMV B	G110 1AC 230V 1.10kW EMV B	6SE6400-3CC00-4AD3	6SE6400-3CC02-6BB3
3540-4D-14	MM420 3AC 400V 1.50kW EMV B	G110 1AC 230V 1.50kW EMV B	6SE6400-3CC00-6AD3	6SE6400-3CC02-6BB3
3540-4D-16	MM420 3AC 400V 2.20kW EMV B	-	6SE6400-3CC01-0BD3	-
3540-2D-16	MM420 3AC 400V 3.00kW EMV B	-	6SE6400-3CC01-0BD3	-
3540-2D-19	MM420 3AC 400V 4.00kW EMV B	-	6SE6400-3CC01-4BD3	-
3540-2D-21	MM420 3AC 400V 5.50kW EMV B	-	6SE6400-3CC02-2CD3	-
RLM 56-Ex II 2G c IIB T4	Frequency Inverter Unit MM420 for 3~	Frequency Inverter Unit G110 for 1~	Line Choke for 3~	Line Choke for 1~
3540-4Y-11-2G	MM420 3AC 400V 0.75kW EMV B	G110 1AC 230V 0.75kW EMV B	6SE6400-3CC00-4AD3	6SE6400-3CC01-0AB3
3540-4Y-14-2G	MM420 3AC 400V 1.10kW EMV B	G110 1AC 230V 1.10kW EMV B	6SE6400-3CC00-4AD3	6SE6400-3CC02-6BB3
3540-4Y-15-2G	MM420 3AC 400V 1.50kW EMV B	G110 1AC 230V 1.50kW EMV B	6SE6400-3CC00-6AD3	6SE6400-3CC02-6BB3
3540-4Y-16-2G	MM420 3AC 400V 2.20kW EMV B	-	6SE6400-3CC01-0BD3	-
3540-2Y-16-2G	MM420 3AC 400V 3.00kW EMV B	-	6SE6400-3CC01-0BD3	-
3540-2Y-19-2G	MM420 3AC 400V 4.00kW EMV B	-	6SE6400-3CC01-4BD3	-
3540-2Y-21-2G	MM420 3AC 400V 5.50kW EMV B	-	6SE6400-3CC02-2CD3	-



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