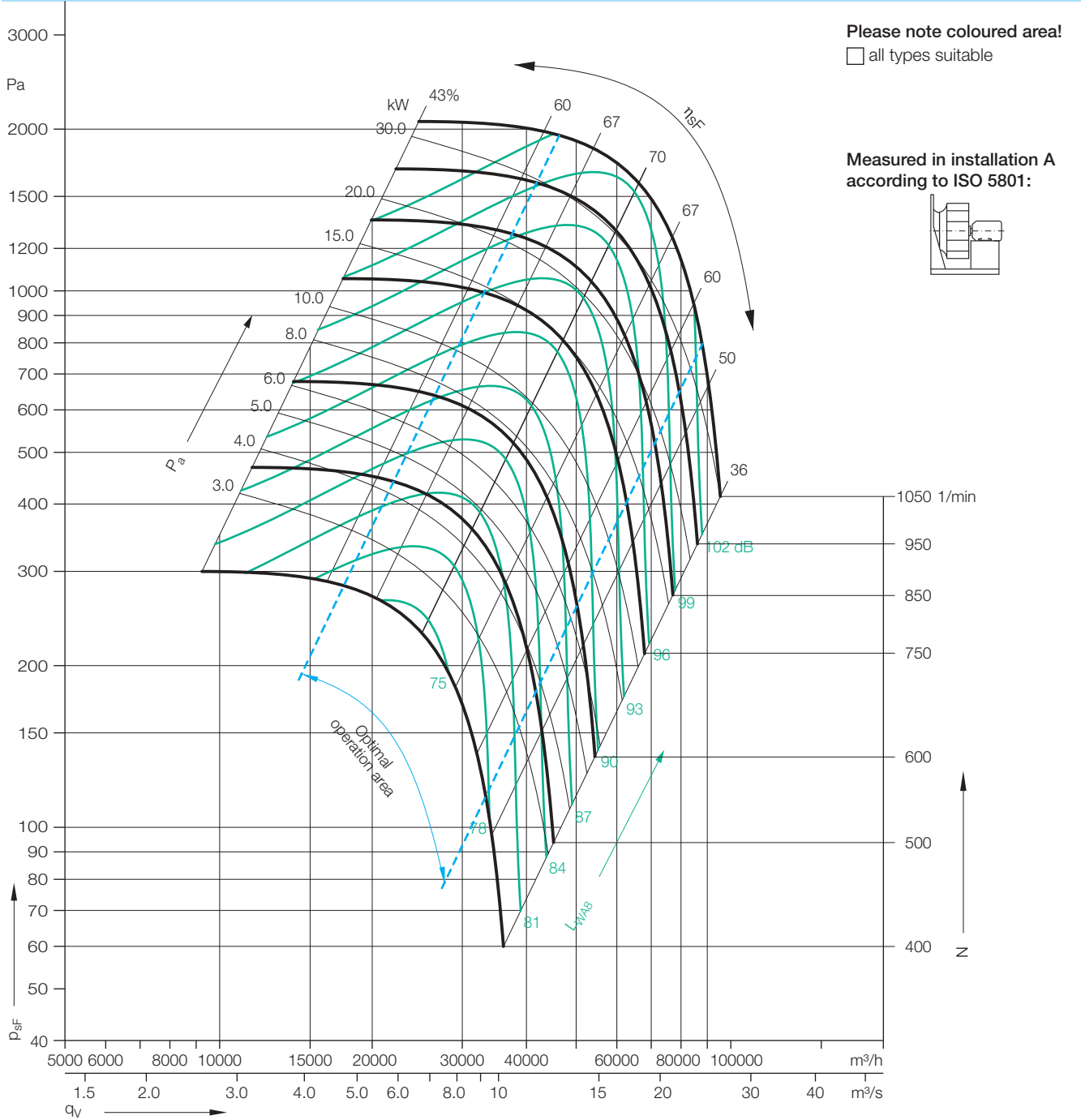


Technical Data									
Impeller Data					Impeller Data				
Impeller diameter	D _r	1250	mm		Impeller weight	m	160	kg	
Number of blades	z	6			Density of media	ρ ₁	1.2	kg/m ³	
Moment of Inertia	J	29.6	kgm ²		Tolerance class (DIN 24166)		1		

Technical Data



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

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

Speed	63	125	250	500	1000	2000	4000	8000	Hz
≤900 1/min	7	0	-3	-3	-4	-9	-16	-20	dB
Speed	63	125	250	500	1000	2000	4000	8000	Hz
>900 1/min	1	3	-3	-4	-4	-7	-15	-19	dB

63	125	250	500	1000	2000	4000	8000	Hz
10	5	-1	-3	-5	-11	-16	-22	dB
63	125	250	500	1000	2000	4000	8000	Hz
5	7	0	-4	-6	-9	-14	-20	dB

RLM ..-1112

Technical Data

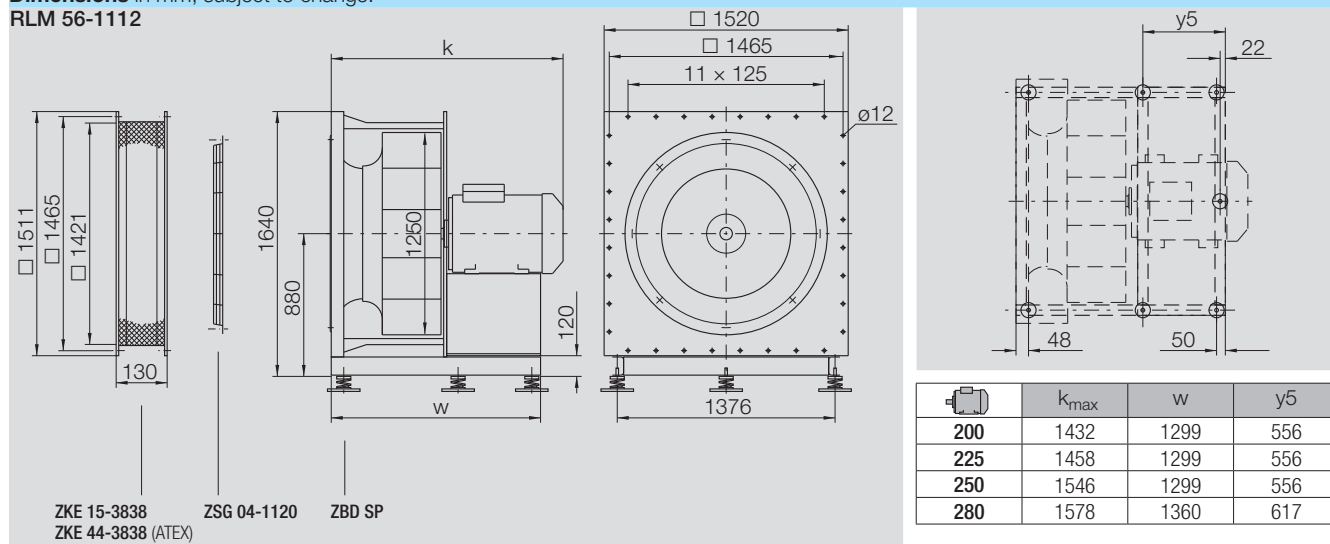
	Nominal motor power	Poles	Motor size	Motor voltage	Nominal fre- quency	Connection	Nominal motor current	Nominal motor speed	Max. fan speed	Max. operating frequency	Weight
RLM 55-	kW	—		V	Hz		A	1/min	1/min	Hz	kg
1112-8D-33	15.00	8	200 L	400	50	Δ	32.50	725	750	52	603
1112-8D-36	18.50	8	225 S	400	50	Δ	38.50	730	800	55	721
1112-8D-37	22.00	8	225 M	400	50	Δ	45.00	730	850	58	746
1112-8D-39	30.00	8	250 M	400	50	Δ	58.00	730	940	64	856
1112-6D-39	37.00	6	250 M	400	50	Δ	71.00	980	1010	51	831
1112-6D-41	45.00	6	280 S	400	50	Δ	84.00	985	1050	53	965

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 55-Ex II 2G c IIB T4	kW	—		V	Hz		A	1/min	1/min	Hz	kg
1112-8Y-34-2G	15.00	8	200 L	400	50	Δ	32.00	725	740	51	661
1112-8Y-36-2G	18.50	8	225 S	400	50	Δ	37.50	725	790	54	776
1112-8Y-37-2G	22.00	8	225 M	400	50	Δ	43.50	725	840	58	806
1112-8Y-39-2G	30.00	8	250 M	400	50	Δ	58.00	730	930	63	936

Dimensions in mm, subject to change.

RLM 56-1112



Accessories

	Frequency Inverter 6SE6430-	Control Panel for Frequency Inverter 6SE6420- and 6SE6430-	Line Choke for 3~
RLM 55-			
1112-8D-33	6SE6430-2AD31-5CA0	6SE6400-0BE00-0AA0	6SE6400-3CC03-5CD3
1112-8D-36	6SE6430-2AD31-8DA0	6SE6400-0BE00-0AA0	6SE6400-3CC04-4DD0
1112-8D-37	6SE6430-2AD32-2DA0	6SE6400-0BE00-0AA0	6SE6400-3CC04-4DD0
1112-8D-39	6SE6430-2AD33-0DA0	6SE6400-0BE00-0AA0	6SE6400-3CC05-2DD0
1112-6D-39	6SE6430-2AD33-7EA0	6SE6400-0BE00-0AA0	6SE6400-3CC08-3ED0
1112-6D-41	6SE6430-2AD34-5EA0	6SE6400-0BE00-0AA0	6SE6400-3CC08-3ED0
RLM 55-Ex II 2G c IIB T4			
1112-8Y-34-2G	6SE6430-2AD31-5CA0	6SE6400-0BE00-0AA0	6SE6400-3CC03-5CD3
1112-8Y-36-2G	6SE6430-2AD31-8DA0	6SE6400-0BE00-0AA0	6SE6400-3CC04-4DD0
1112-8Y-37-2G	6SE6430-2AD32-2DA0	6SE6400-0BE00-0AA0	6SE6400-3CC04-4DD0
1112-8Y-39-2G	6SE6430-2AD33-0DA0	6SE6400-0BE00-0AA0	6SE6400-3CC05-2DD0



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