

RZR _-1600

Technical Data

Impeller Data

Impeller diameter	D_r	1600	mm
Number of blades	z	12	
Moment of Inertia	J	186	kgm ²

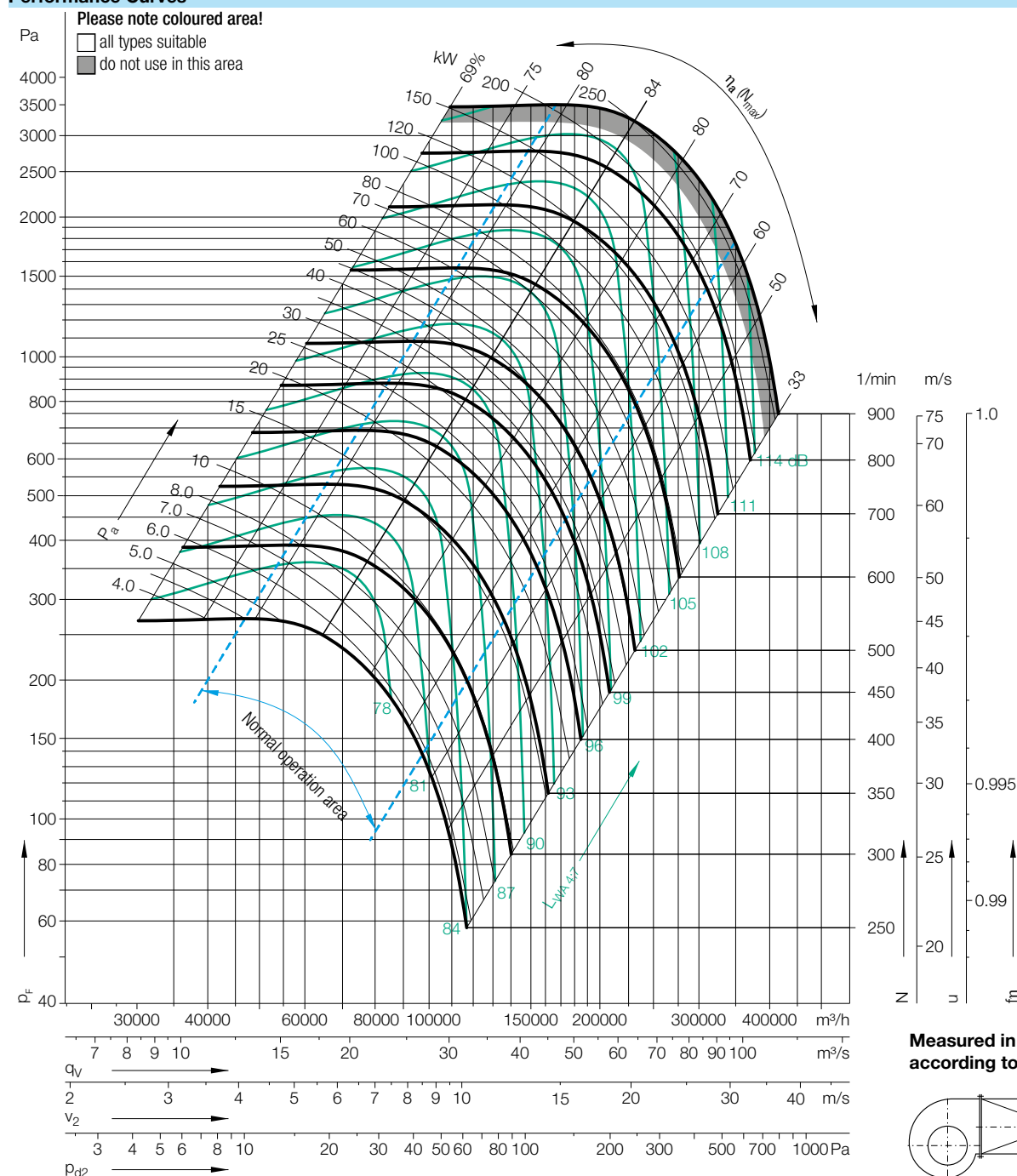
Impeller Data

Impeller weight	m	486	kg
Density of media	ρ_1	1.2	kg/m ³
Tolerance class (DIN 24166)		1	

Speed limits N_{max} for ATEX execution

RZR 13	748	1/min
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Performance Curves



Relative sound power level for inlet side L_{Wrel7} at octave centre frequencies f_c

Speed	Duty point
≤ 478 1/min	$\leq 0.8 q_{Vopt}$
	$> 0.8 - 1.2 q_{Vopt}$
	$> 1.2 - 1.6 q_{Vopt}$
	$> 1.6 q_{Vopt}$
Speed	Duty point
> 478 1/min	$\leq 0.8 q_{Vopt}$
	$> 0.8 - 1.2 q_{Vopt}$
	$> 1.2 - 1.6 q_{Vopt}$
	$> 1.6 q_{Vopt}$

63	125	250	500	1000	2000	4000	8000	Hz
0	3	1	-2	-6	-9	-13	-20	dB
-1	2	1	-2	-6	-9	-14	-21	dB
-2	1	1	-3	-5	-8	-15	-21	dB
-5	-3	-2	-3	-5	-7	-14	-21	dB
63	125	250	500	1000	2000	4000	8000	Hz
-1	-1	-3	-2	-7	-11	-16	-21	dB
-6	-4	-6	-2	-7	-10	-15	-21	dB
-10	-7	-8	-3	-6	-9	-14	-21	dB
-10	-7	-8	-3	-6	-8	-11	-20	dB

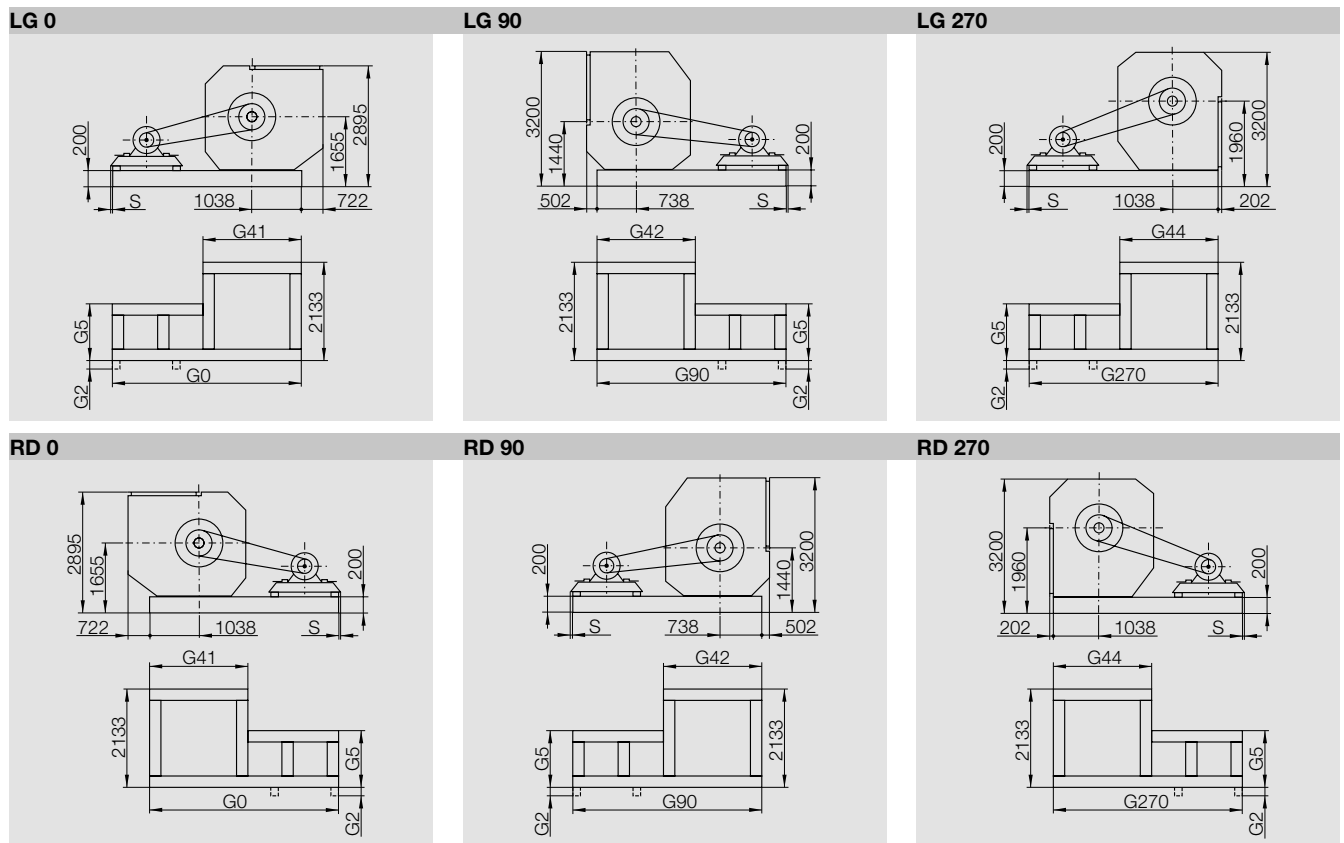
Relative sound power level for discharge side L_{Wrel4} at octave centre frequencies f_c

63	125	250	500	1000	2000	4000	8000	Hz
12	7	4	-3	-8	-14	-18	-26	dB
10	5	3	-3	-8	-14	-19	-28	dB
7	2	3	-3	-6	-13	-20	-28	dB
4	1	2	-3	-6	-12	-19	-28	dB
63	125	250	500	1000	2000	4000	8000	Hz
10	4	1	-1	-7	-13	-18	-25	dB
6	2	-2	-3	-6	-12	-15	-25	dB
2	-3	-3	-3	-6	-11	-15	-25	dB
1	-3	-5	-3	-6	-11	-13	-22	dB



Оформить
Заказ

RZR 13-1600 1870 kg



	G0	G90	G270	G41	G42	G44	G2	G5	S
160	2736	2786	2901	2016	2066	2181	105.0	425	—
180	2736	2786	2901	2016	2066	2181	105.0	425	—
200	3066	3016	3231	2166	2116	2331	75.5	425	—
225	3066	3016	3231	2166	2116	2331	75.5	425	—
250	3316	3166	3481	2316	2166	2481	—	675	1
280	3316	3166	3481	2316	2166	2481	—	675	1
315	3804	3704	4019	2316	2216	2531	—	1154	57
355	3804	3704	4019	2316	2216	2531	—	1154	57

