

RZR _-1250

Technical Data

Impeller Data

Impeller diameter	D_r	1250	mm
Number of blades	z	12	
Moment of Inertia	J	62.5	kgm ²

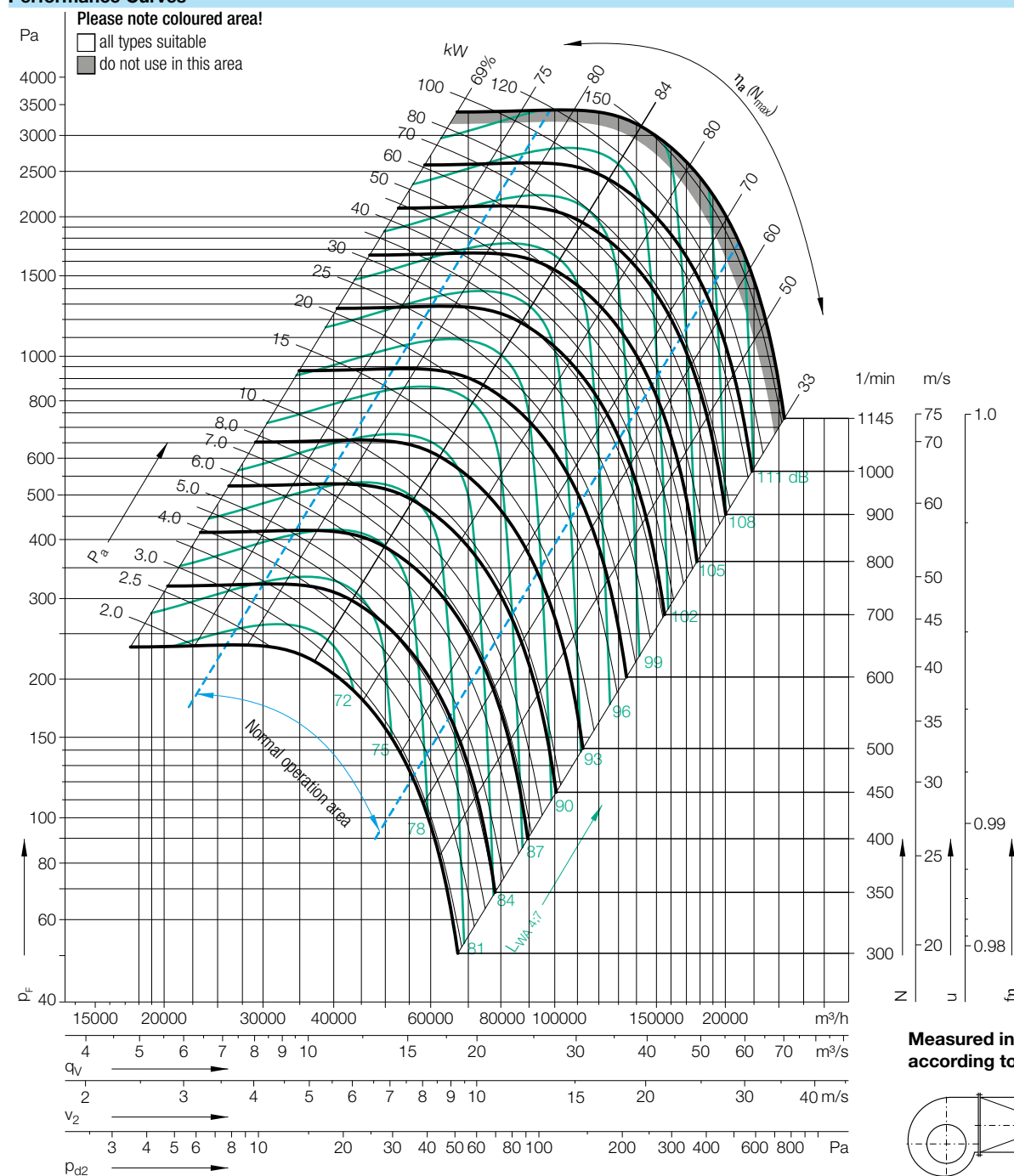
Impeller Data

Impeller weight	m	263	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	957	1/min
--------	-----	-------

Performance Curves



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

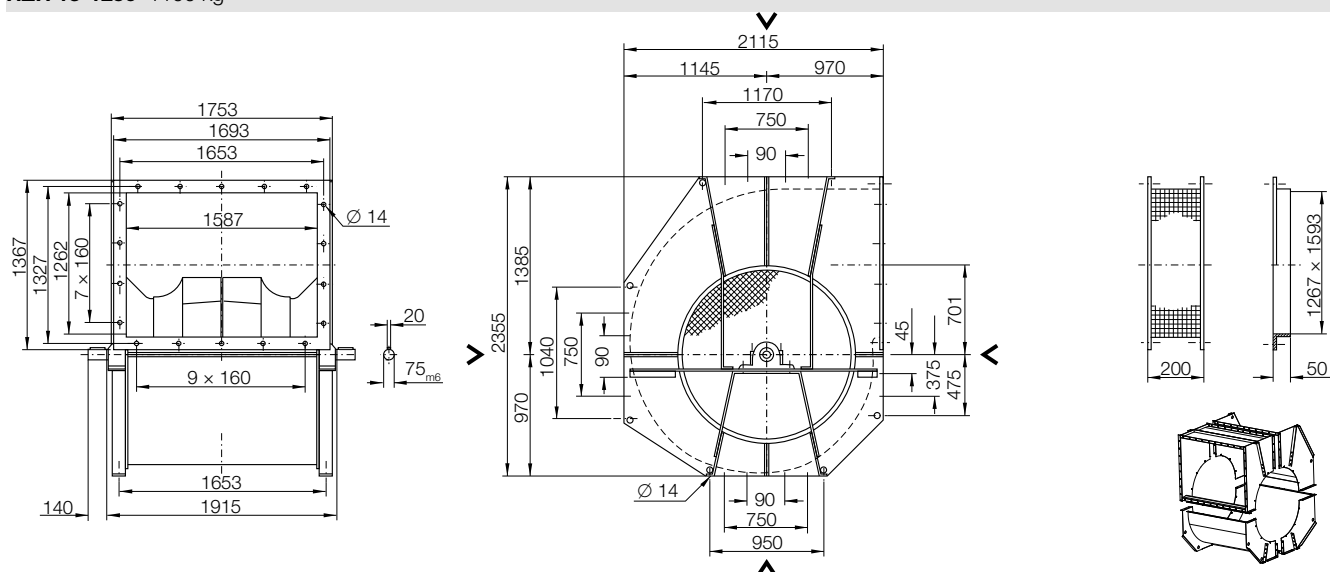
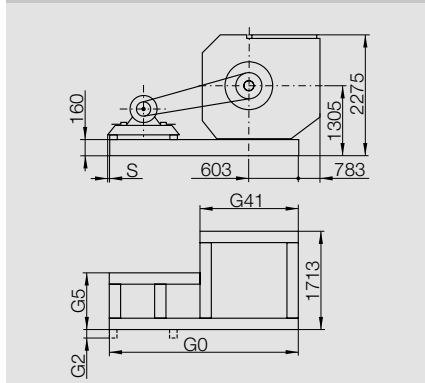
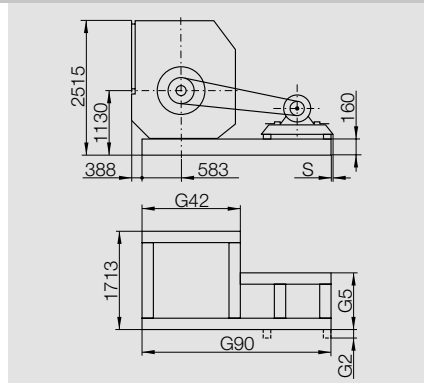
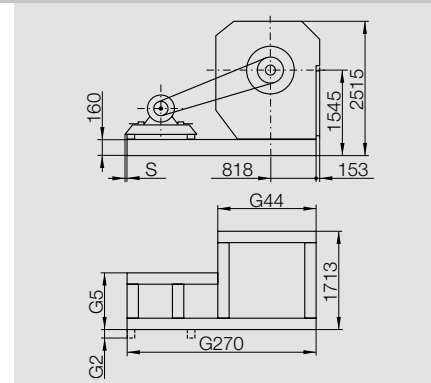
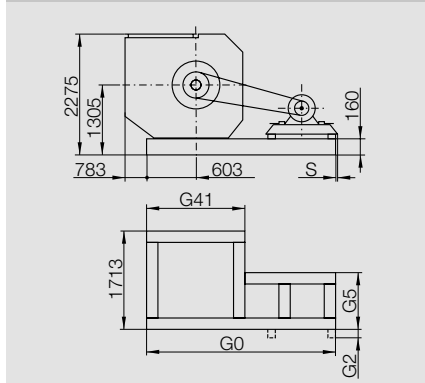
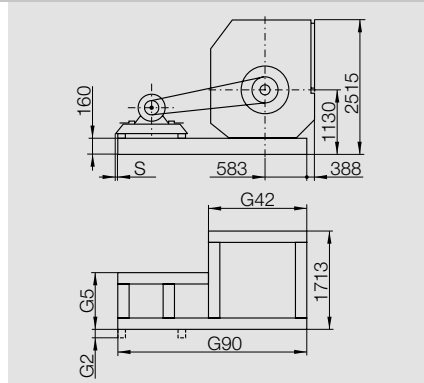
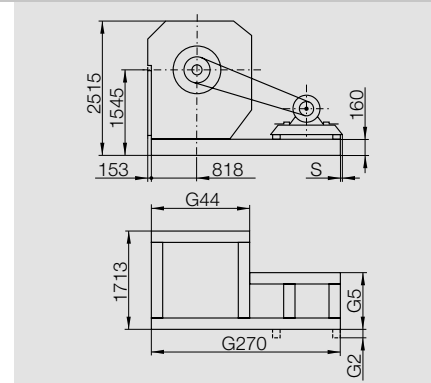
Speed	Duty point	63	125	250	500	1000	2000	4000	8000	Hz
≤ 611 1/min	$\leq 0.8 q_{Vopt}$	0	3	1	-2	-6	-9	-13	-20	dB
	$> 0.8 - 1.2 q_{Vopt}$	-1	2	1	-2	-6	-9	-14	-21	dB
	$> 1.2 - 1.6 q_{Vopt}$	-2	1	1	-3	-5	-8	-15	-21	dB
	$> 1.6 q_{Vopt}$	-5	-3	-2	-3	-5	-7	-14	-21	dB
> 611 1/min	$\leq 0.8 q_{Vopt}$	-1	-1	-3	-2	-7	-11	-16	-21	dB
	$> 0.8 - 1.2 q_{Vopt}$	-6	-4	-6	-2	-7	-10	-15	-21	dB
	$> 1.2 - 1.6 q_{Vopt}$	-10	-7	-8	-3	-6	-9	-14	-21	dB
	$> 1.6 q_{Vopt}$	-10	-7	-8	-3	-6	-8	-11	-20	dB

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

Speed	Duty point	63	125	250	500	1000	2000	4000	8000	Hz
≤ 611 1/min	$\leq 0.8 q_{Vopt}$	12	7	4	-3	-8	-14	-18	-26	dB
	$> 0.8 - 1.2 q_{Vopt}$	10	5	3	-3	-8	-14	-19	-28	dB
	$> 1.2 - 1.6 q_{Vopt}$	7	2	3	-3	-6	-13	-20	-28	dB
	$> 1.6 q_{Vopt}$	4	1	2	-3	-6	-12	-19	-28	dB
> 611 1/min	$\leq 0.8 q_{Vopt}$	10	4	1	-1	-7	-13	-18	-25	dB
	$> 0.8 - 1.2 q_{Vopt}$	6	2	-2	-3	-6	-12	-15	-25	dB
	$> 1.2 - 1.6 q_{Vopt}$	2	-3	-3	-3	-6	-11	-15	-25	dB
	$> 1.6 q_{Vopt}$	1	-3	-5	-3	-6	-11	-13	-22	dB



Оформить
Заказ

RZR _-1250**Dimensions** in mm, subject to change.**RZR 13-1250** 1100 kg**LG 0****LG 90****LG 270****RD 0****RD 90****RD 270**

	G0	G90	G270	G41	G42	G44	G2	G5	S
112	1965	2220	2255	1405	1660	1695	85	450	—
132	1965	2220	2255	1405	1660	1695	85	450	—
160	2235	2390	2525	1605	1760	1895	—	415	—
180	2235	2390	2525	1605	1760	1895	—	415	—
200	2505	2660	2795	1705	1860	1995	—	515	2
225	2505	2660	2795	1705	1860	1995	—	515	2
250	2735	2860	2995	1735	1860	1995	—	665	6
280	2735	2860	2995	1735	1860	1995	—	665	6
315	2985	3160	3295	1735	1910	2045	—	1015	10
355	2985	3160	3295	1735	1910	2045	—	1015	10

**Оформить
Заказ**