

RGA 31-4550

Technical Data in Class2 acc. to DIN 24166

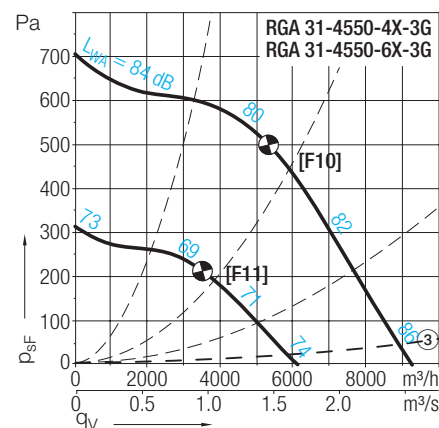
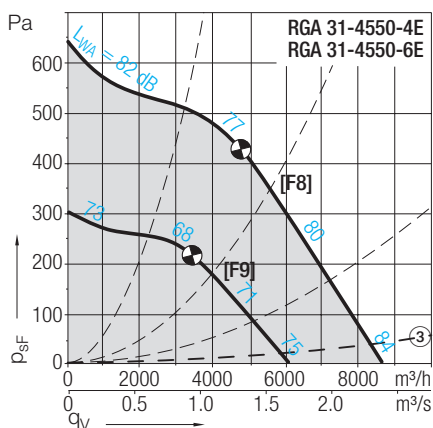
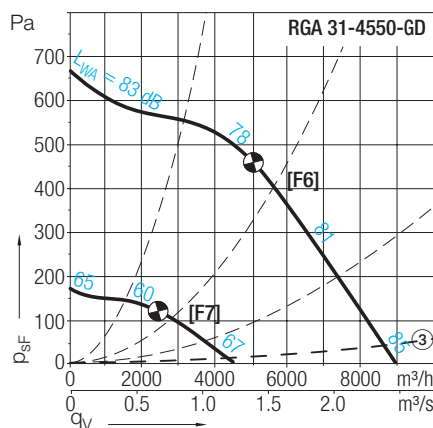
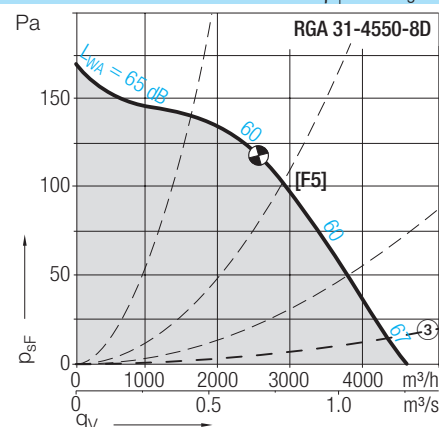
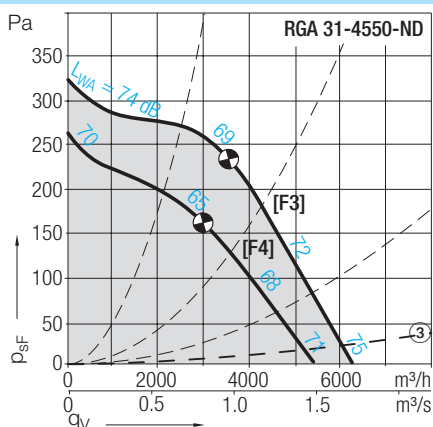
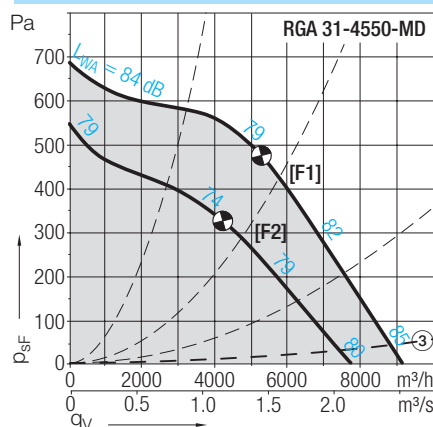
	Curves	Poles	Voltage/ Connection	Fre- quency	Speed	max. Power consumption	Nominal current	Starting/Full load current	V_{max}	L_{WA8} at V_{max}	Capa- citor	Protection/ Temp. class	Weight	Media temp.
RGA 31-			V	Hz	1/min	kW	A		m^3/h	dB (10)	μF		kg	°C
4550-MD•	[F1F2]	4/4	400, 3~ Δ/Y	50	1350/1100	1.60/1.05	3.20/1.80	3.8	9150/7740	85/80	-	IP44/F	53	-20...+60
4550-ND•	[F3F4]	6/6	400, 3~ Δ/Y	50	930/ 780	0.52/0.38	1.30/0.69	3.3	6250/5430	75/71	-	IP44/F	44	-20...+60
4550-8D•	[F5]	8	400, 3~ Δ	50	660	0.28	0.69	2.3	4500	67	-	IP54/F	43	-20...+55
4550-GD	[F6F7]	4/8	400, 3~ YY/Y	50	1320/ 670	1.62/0.25	2.90/0.77	3.3	8960/4530	85/67	-	IP54/F	59	-20...+50
4550-4E•	[F8]	4	230, 1~	50	1260	1.45	6.3	2.0	8660	84	30	IP44/F	52	-20...+60
4550-6E•	[F9]	6	230, 1~	50	900	0.54	2.6	1.8	6100	75	12	IP44/F	44	-20...+45
4550-4X-3G	[F10]④	4	400, 3~ Δ	50	1380	1.60	3.40	5.6	9280	86	-	IP44/F	59	-20...+40
4550-6X-3G	[F11]④	6	400, 3~ Δ	50	900	0.54	1.25	3.6	6100	74	-	IP44/F	43	-20...+40

• (also) stepless speed controllable by tension variation

⑩ All indicated sound values are sound power levels. For more calculations when determining the A-sound pressure level at any distances read the statements on part „Sounds“ in chapter „Description“.

Curves in Class2 acc. to DIN 24166

$\rho_1 = 1.15 \text{ kg/m}^3$



Accessories

	Isolator	Motor protection unit	Transformer 7 taps	Transformer 5-steps	Speed regulator electronic	Speed controller electronic
RGA 31-	ESH	ESM	ETO	ETH	EPH	EPA
4550-MD•	21-0030-65	04-0040-8D	10-0040-8D	36-0040-8D	—	83-0050-8D
4550-ND•	21-0030-65	04-0040-8D	10-0020-8D	35-0020-8D	—	83-0050-8D
4550-8D	21-0030-35	01-0040-8D	10-0010-8D	35-0010-8D	—	83-0050-8D
4550-GD	21-0030-65	03-0040-8D⑥	—	—	—	—
4550-4E•	21-0030-25	01-0020-5E	10-0070-5E	35-0070-5E	—	83-0100-5E
4550-6E•	21-0030-25	01-0020-5E	10-0040-5E	35-0040-5E	03-0040-5E	83-0060-5E
4550-4X-3G	④	—	—	—	—	—
4550-6X-3G	④	—	—	—	—	—



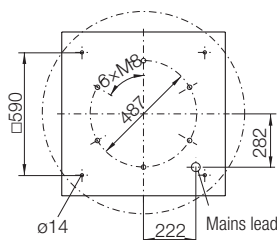
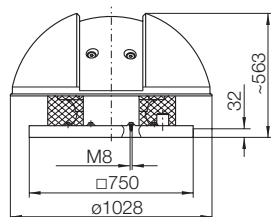
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RGA 31-4550

Dimensions in mm, Subject to change.

RGA 31-4550--



Accessories

RGA 31-

Weather protection top made of plastic.
Nicotra Gebhardt external rotor motor with impeller fitted directly.

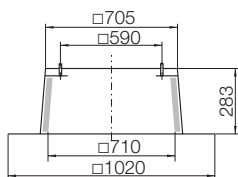
Accessories / Index

- ① When using back draught damper ZLK in connection with silencer upstand ZDS a spacer ZKK is required
- ② inclination in 5° steps up to 45° possible
- ③ Pressure loss at back draught damper
- ④ EX-ATEX types according to: II 3G c IIA T3
- ⑥ A protection for high speed is only active if Dahlander bridge is on place
- ⑫ Not for fans in ATEX available

ZBS 01-0071 [Al] 8 kg

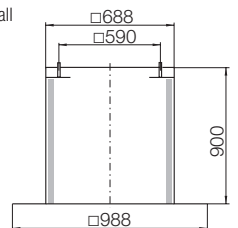
ZBS 20-0071 [St] 16 kg

Flat roof upstand



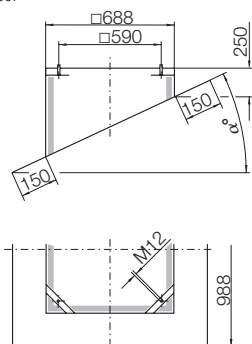
ZBS 23-0071 [St] 20 kg

Flat roof upstand tall



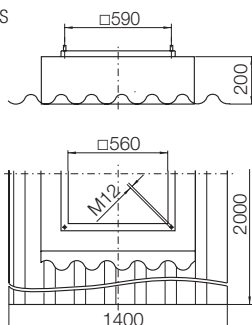
ZBS 09-0071-② [Al] 9 kg

Inclined roof upstand



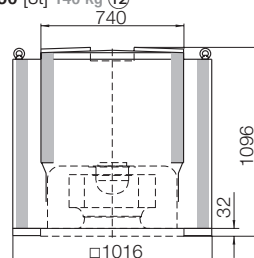
ZBS 11-0071 [GFK] 29 kg

Soaker sheet WDS



ZDH 20-0450 [St] 140 kg ⑫

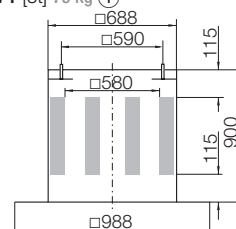
Overhead silencer



ZDS 01-0071 [Al] 57 kg ①

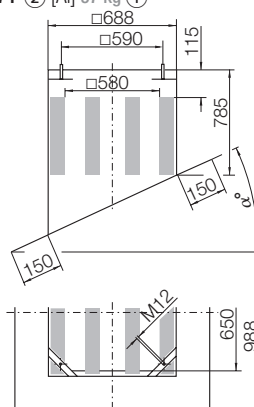
ZDS 20-0071 [St] 79 kg ①

Upstand silencer



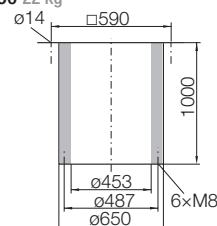
ZDS 09-0071-② [Al] 57 kg ①

Inclined roof upstand silencer



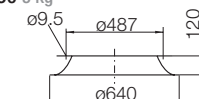
ZDR 30-0450 22 kg

Inlet silencer



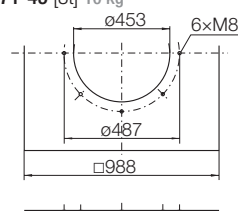
ZKD 01-0450 5 kg

Flanged inlet cone



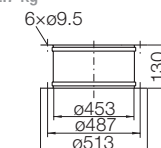
ZBU 01-0071-45 [St] 10 kg

Connection plate



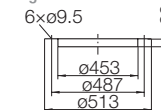
ZKE 11-0450 2.7 kg

Inlet connection (flexible)



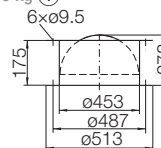
ZKF 11-0450 1.2 kg

Mating flange



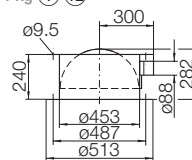
ZLK 01-0450 10 kg ①

Automatic shutter



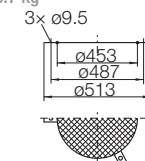
ZLK 21-0450 14 kg ① ⑫

Motor drive shutter



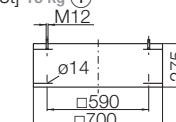
ZSG 04-0450 0.7 kg

Mesh inlet guard



ZKK 20-0071 [St] 16 kg ①

Spacer



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