

RFM 31-3540

Technical Data in Class 2 acc. to DIN 24166

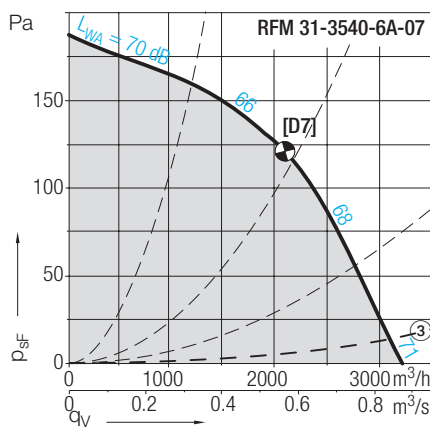
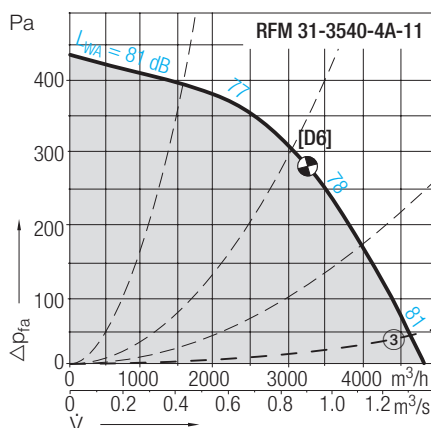
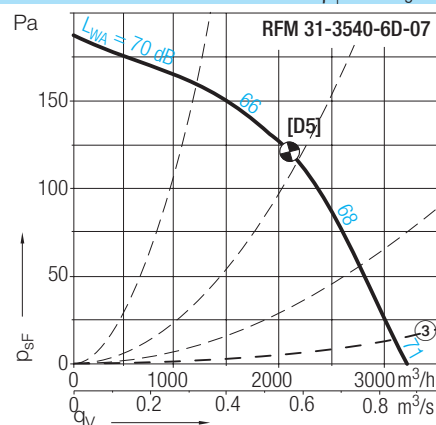
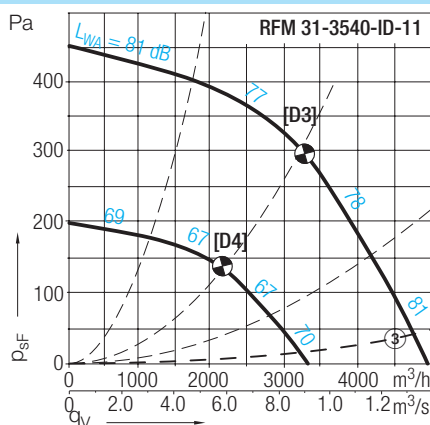
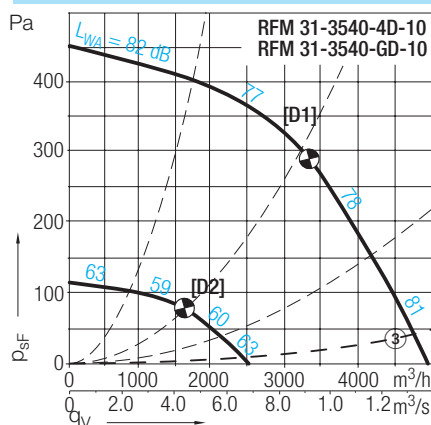
	Curves	Poles	Voltage/ Connection	Fre- quency	Speed	Nominal power	Nominal current	Starting/Full load current	Motor size	$V_{\max}$	L_{WA8} at $V_{\max}$	Weight	Media temp.
RFM 31-			V (3~)	Hz	1/min	kW	A			m³/h	dB (10)	kg	°C
3540-4D-10	[D1]	4	230/400 Δ/Y	50	1395	0.55	2.54/1.46	3.9	80 Ma	4940	82	31	-20...+60
3540-4A-11•	[D6]	4	230/400 Δ/Y	50	1380	0.55	3.05/1.75	4.3	80 a	4910	82	31	-20...+60
3540-6D-07	[D5]	6	230/400 Δ/Y	50	835	0.18	1.17/0.67	2.3	71 Ma	3200	71	31	-20...+60
3540-6A-07•	[D7]	6	230/400 Δ/Y	50	850	0.18	1.17/0.67	2.3	71 Ma	3200	71	31	-20...+60
3540-ID-11	[D3 D4]	4/6	400 Y/Y	50	1420/930	0.55/0.18	1.62/0.73	4.0/2.5	80 Mb	5000/3300	82/71	31	-20...+60
3540-GD-10	[D1 D2]	4/8	400 YY/Y	50	1375/680	0.50/0.10	1.28/0.57	4.1/2.3	80 Ma	4890/2500	82/64	31	-20...+60

• (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 Class 2 acc. to DIN 24166

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



Accessories

	Isolator	Motor protection unit	Motor protection unit	Transformer 7 taps	Transformer 5-steps	Speed controller electronic	Frequency Inverter unit
RFM 31-	ESH	EUM	ESM	ETO	ETH	EPA	⑦
3540-4D-10	21-0030-32	33-0016-8D	11-0040-8D	—	—	—	G110 1AC 230V 0.55KW EMV B
3540-4A-11•	21-0030-35	—	01-0040-8D	10-0020-8D	35-0020-8D	83-0050-8D	—
3540-6D-07	21-0030-32	33-0010-8D	11-0040-8D	—	—	—	G110 1AC 230V 0.25KW EMV B
3540-6A-07•	21-0030-32	—	11-0040-8D	10-0010-8D	37-0010-8D	83-0050-8D	—
3540-ID-11	21-0030-62	—	12-0040-8D	—	—	—	—
3540-GD-10	21-0030-62	—	13-0040-8D	—	—	—	—



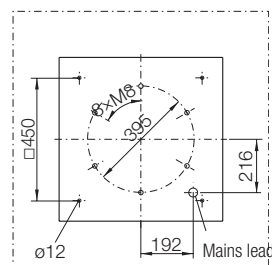
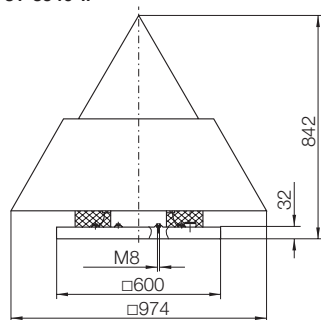
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RFM 31-3540

Dimensions in mm, Subject to change.



RFM 31-3540-..



Accessories

RFM 31-

IEC standard motor.

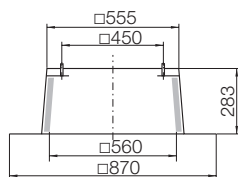
Accessories / Index

- 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
- ⑦ Operator is responsible about EMV. Caution when combining with isolator. FU for 4 kHz clock frequencies and ambient media temperature max. +40 °C. Operating frequency up to max. 50 Hz

ZBS 01-0056 [Al] 5 kg

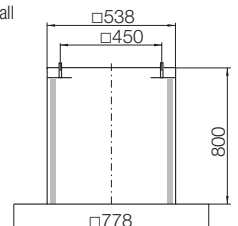
ZBS 20-0056 [St] 10 kg

Flat roof upstand



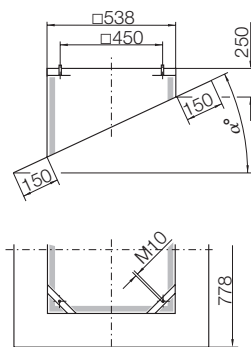
ZBS 23-0056 [St] 14 kg

Flat roof upstand tall



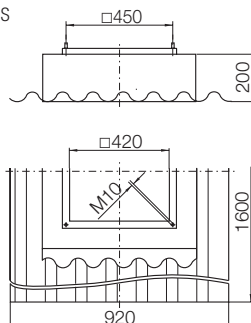
ZBS 09-0056-② [Al] 6 kg

Inclined roof upstand



ZBS 11-0056 [GFK] 12 kg

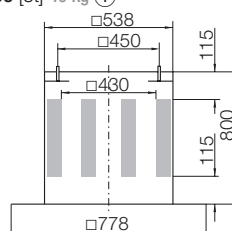
Soaker sheet WDS



ZDS 01-0056 [Al] 29 kg ①

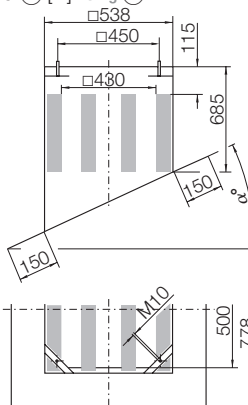
ZDS 20-0056 [St] 40 kg ①

Upstand silencer



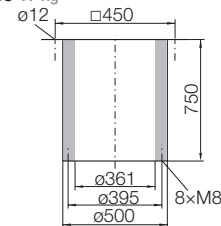
ZDS 09-0056-② [Al] 29 kg ①

Inclined roof upstand silencer



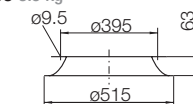
ZDR 30-0355 17 kg

Inlet silencer



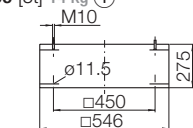
ZKD 01-0355 3.5 kg

Flanged inlet cone



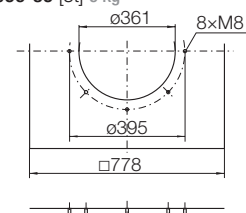
ZKK 20-0056 [St] 14 kg ①

Spacer



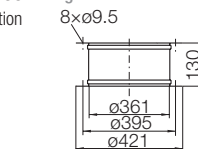
ZBU 01-0056-35 [St] 6 kg

Connection plate



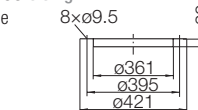
ZKE 11-0355 2.1 kg

Inlet connection (flexible)



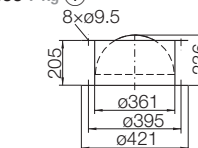
ZKF 11-0355 0.9 kg

Mating flange



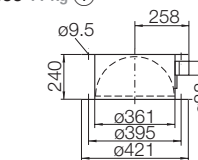
ZLK 01-0355 7 kg ①

Automatic shutter



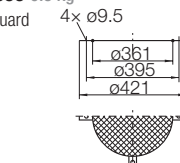
ZLK 21-0355 11 kg ①

Motor drive shutter



ZSG 04-0355 0.6 kg

Mesh inlet guard



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