

FDA 31-2531

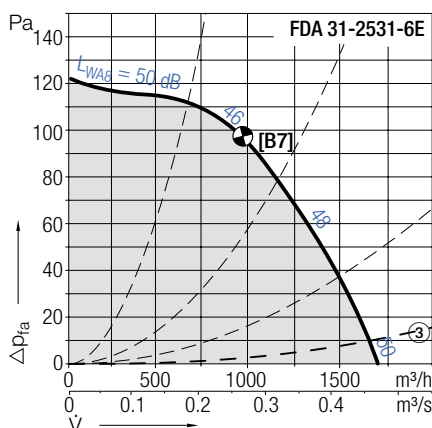
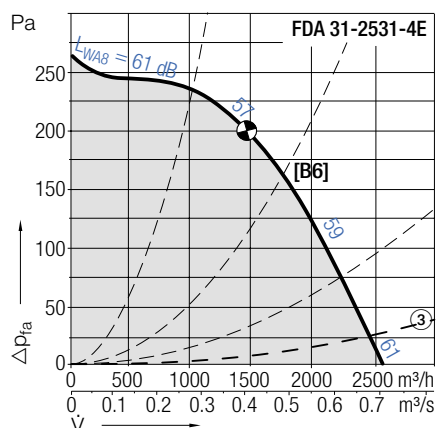
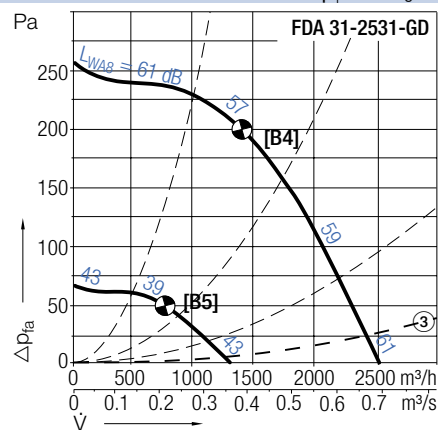
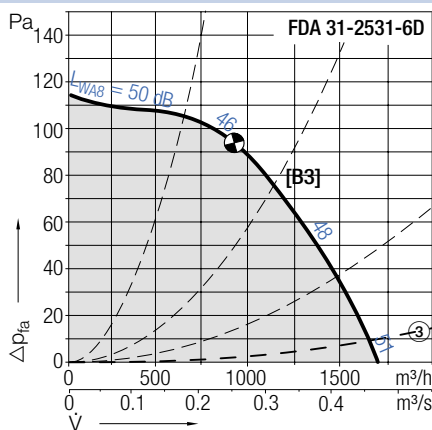
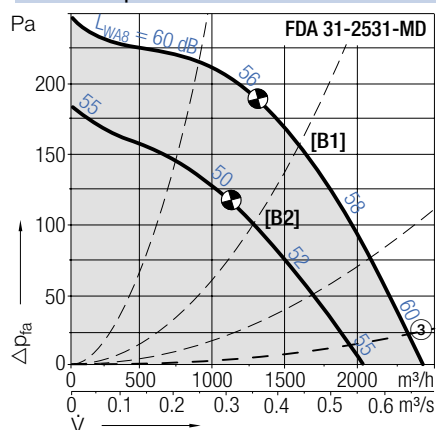
Technische Daten | Technical Data

	Kenn- linien <i>Curves</i>	Pol- zahl <i>Poles</i>	Spannung/ Anschlussart <i>Voltage/ Connection</i>	Fre- quenz <i>Fre- quency</i>	Drehzahl <i>Speed</i>	max. augen. Leistung <i>max. power consumption</i>	Nenn- strom <i>Nominal current</i>	Anlauf-/ Nennstrom <i>Starting/Full load current</i>	$V_{\max}$ $V_{\max}$	L_{WAB} bei $V_{\max}$ L_{WAB} at $V_{\max}$	Konden- sator Capa- citor	Schutzart/ Wärmecl. Protection/ Temp. class	Gewicht <i>Weight</i>	Mediums Temperatur <i>Media temp.</i>
FDA 31-	V		Hz	1/min	kW	A			m³/h	dB	μF		kg	°C
2531-MD•	[B1 B2]	4/4	400, 3~ Δ/Y	50	1340/1070	0.19/0.13	0.43/0.22	2.6	2440/2010	60/55	-	IP44/B	69	-20...+40
2531-6D•	[B3]	6	400, 3~ Y	50	940	0.13	0.41	1.8	1690	51	-	IP44/B	69	-20...+40
2531-GD	[B4 B5]	4/8	400, 3~ YY/Y	50	1400/ 710	0.23/0.06	0.50/0.18	3.2	2530/1270	61/43	-	IP44/F	70	-20...+40
2531-4E•	[B6]	4	230, 1~	50	1420	0.23	1.2	2.3	2550	61	6	IP44/B	69	-20...+40
2531-6E•	[B7]	6	230, 1~	50	920	0.12	0.54	1.5	1670	50	3	IP44/B	69	-20...+40

• (auch) stufenlos drehzahlveränderbar | • (also) stepless speed controllable

Kennlinien | Curves

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



Zubehör | Accessories

	Revisions Schalter <i>Isolator</i>	Motorvollschutz Schaltgerät <i>Motor protection unit</i>	Transformator 7-stufig <i>Transformer 7 taps</i>	Drehzahlsteller 5-stufig <i>Transformer 5-steps</i>	Drehzahlsteller elektronisch <i>Speed regulator electronic</i>	Drehzahlsteller elektronisch <i>Speed regulator electronic</i>	Drehzahlsteller mikroprozessor <i>Speed regulator micro processor</i>	Drehzahlregler elektronisch <i>Speed controller electronic</i>
FDA 31-	ESH	ESM	ETO	ETH	EPH	EPA	EPA	EPA
2531-MD•	21-0030-65	04-0040-8D	10-0010-8D	35-0010-8D	—	63-0080-8D	—	83-0080-8D
2531-6D•	21-0030-35	01-0040-8D	10-0010-8D	35-0010-8D	—	63-0080-8D	—	83-0080-8D
2531-GD	21-0030-65	03-0040-8D ⑥	—	—	—	—	—	—
2531-4E•	21-0030-22	—	10-0018-5E	31-0020-5E	03-0020-5E	03-0060-5E	93-0023-5E	83-0060-5E
2531-6E•	21-0030-22	—	10-0018-5E	31-0020-5E	03-0010-5E	03-0060-5E	93-0023-5E	83-0060-5E



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FDA 31-2531



FDA 31-

Gebhardt-Außenläufermotor mit aufgebautem Radiallaufrad. Mit schallabsorbierender Auskleidung

Zubehör / Index

- Bei Verwendung von Verschlussklappe ZLK in Verbindung mit Sockelschalldämpfer ZDS ist das Zwischenstück ZKK vorzusehen
- Gradzahl in 5° Schritten bis 45° möglich
- Druckabnahme in der Verschlussklappe
- Eine Schutzfunktion ist für die hohe Drehzahl nur bei vorhandener Dahlander-Brücke gewährleistet

FDA 31-

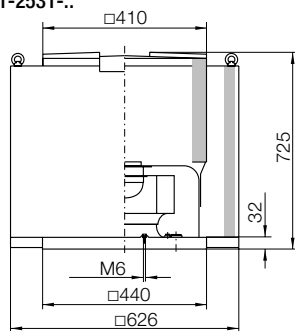
Gebhardt external rotor motor with impeller fitted directly. Equipped with sound absorbing lining.

Accessories / Index

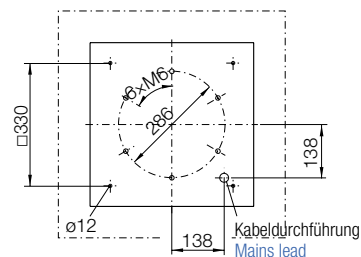
- When using back draught damper ZLK in connection with silencer upstand ZDS a spacer ZKK is required
- inclination in 5° steps up to 45° possible
- Pressure loss at back draught damper
- A protection for high speed is only active if Dahlander bridge is on place

Abmessungen in mm, Änderungen vorbehalten.

FDA 31-2531-..



Dimensions in mm, Subject to change.



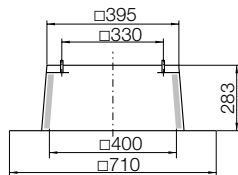
Zubehör

ZBS 01-0040 [Al] 4 kg

ZBS 20-0040 [St] 8 kg

Flachdachsockel

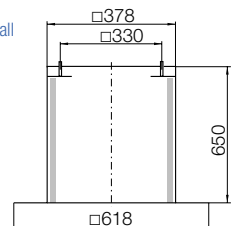
Flat roof upstand



ZBS 23-0040 [St] 10 kg

Flachdachsockel hoch

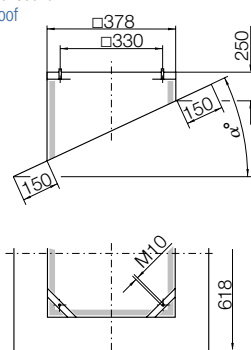
Flat roof upstand tall



ZBS 09-0040-② [Al] 5 kg

Schrägdachsockel

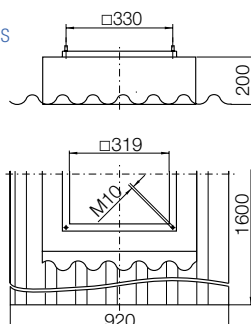
Inclined roof upstand



ZBS 11-0040 [GFK] 11 kg

Welldachsockel

Soaker sheet WDS



Accessories

ZDS 01-0040 [Al] 13 kg

ZDS 20-0040 [St] 18 kg

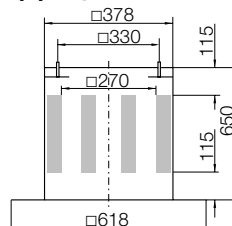
Sockelschall-

dämpfer

Upstand

silencer

①



ZDS 09-0040-② [Al] 13 kg

Schrägdach-

sockelschall-

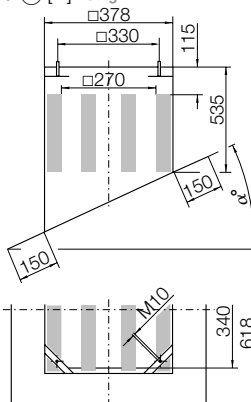
dämpfer

Inclined roof

upstand

silencer

①



ZDR 30-0250 12 kg

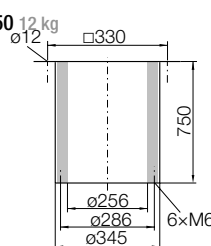
Eintritts-

schall-

dämpfer

Inlet

silencer



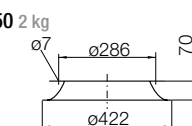
ZKD 01-0250 2 kg

Einstromdüse

mit Flansch

Flanged

inlet cone

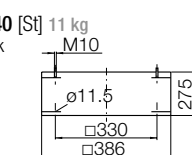


ZKK 20-0040 [St] 11 kg

Zwischenstück

Spacer

①



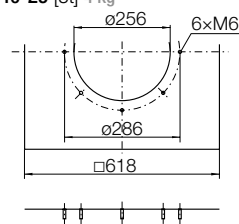
ZBU 01-0040-25 [St] 4 kg

Anschluss-

boden

Connection

plate

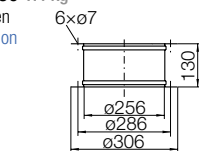


ZKE 11-0250 1.4 kg

Ansaugstutzen

Inlet connection

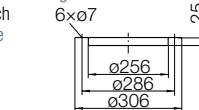
(flexible)



ZKF 11-0250 0.7 kg

Ansaugflansch

Mating flange



ZLK 01-0250 6 kg

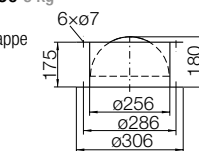
Selbsttätige

Verschlussklappe

Automatic

shutter

①



ZLK 21-0250 9 kg

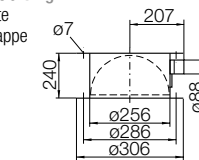
Motorbetätigte

Verschlussklappe

Motor drive

shutter

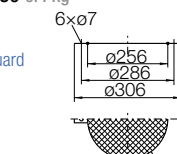
①



ZSG 04-0250 0.4 kg

Berührungsschutzgitter

Mesh inlet guard



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