# Technische Daten *Technical data*

## Axialventilatoren *Axial fans*
## Baureihe FB *Series FB*

# Axialventilatoren
# Baureihe FB

# *Axial fans*
# *Series FB*

## Lieferumfang

## *Contents of delivery*

## Standardausführung

## *Standard design*

**Spannung**
1~ 230V ±10%
3~ zweitourig 400V ± 10% Δ/Y

***Voltage***
*1~ 230V ±10%*
*3~ two-speed 400V ±10% Δ/Y*

**Frequenz**
50Hz

***Frequency***
*50Hz*

**Thermische Klasse**
155 (frühere Bezeichnung: Wärmeklasse F)

***Thermal class***
*155 (previous: insulation class F)*

**Schutzart**
IP54

***Protection***
*IP54*

**Motorschutz**
Thermostatschalter (TB)

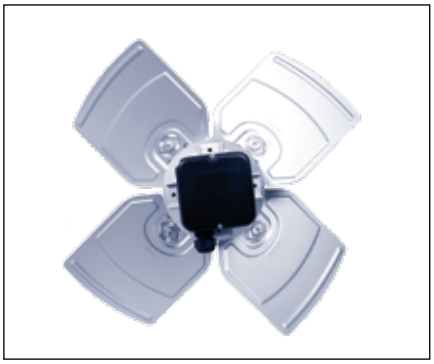
***Motor protection***
*Thermostat switch (TB)*

**Lackierung**
Standardausführung unlackiert

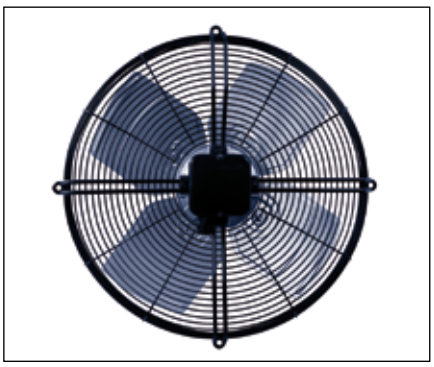
***Paint finish***
*standard design without paint finish*

**Zubehör**
siehe Kapitel Zubehör

***Accessories***
*see section Accessories*



FB... Bauform A
*FB... design A*



FB... Bauform K
*FB... design K*

**Erforderliche Bestellangaben**
Artikel-Nr., Typ

***Necessary order data***
*article no., type*

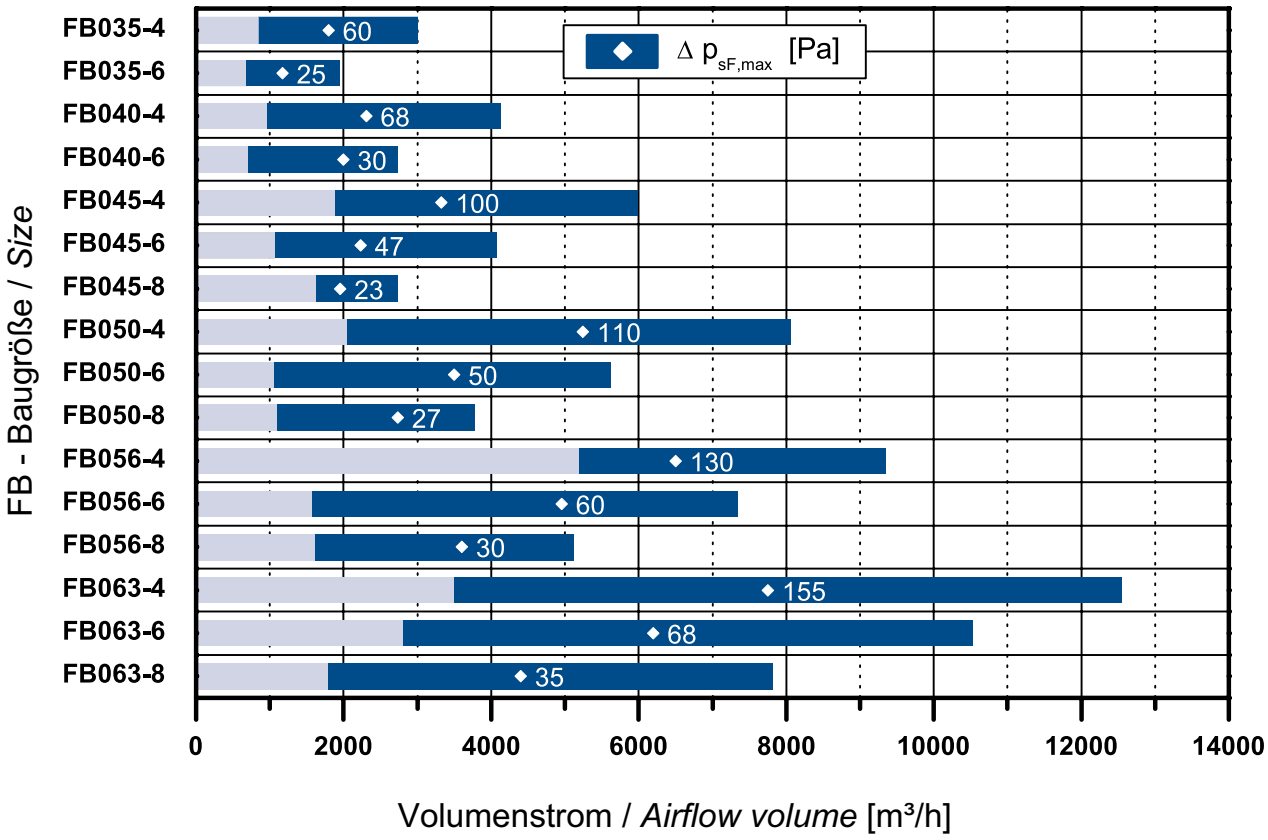
**Auf Anfrage gegen Mehrpreis**
- von 230 bzw. 400V abweichende Spannung
- 60Hz
- Lackierung, Farbton RAL 9005, schwarz matt

***On request, at extra charge***
- *different voltage to 230 resp. 400V*
- *60Hz*
- *paint finish, RAL 9005, black matt*

FB

# Schnellauswahl *Quick selection*

## Schnellauswahl / *Quick selection*




FB

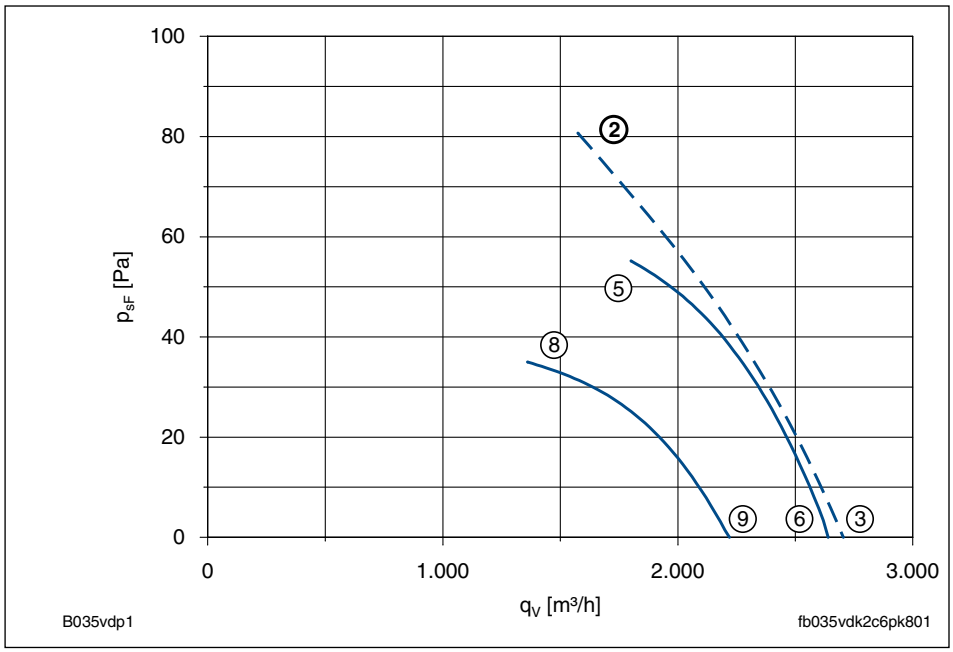
# FB035-VD_.2C._4P

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,14/0,09** | kW |
| I | **0,25/0,14** | A |
| n | **1320/1050** | $min^{-1}$ |
| $I_A$ | 0,9/0,3 | A |
| ΔI | 5 | % |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **W** | **$min^{-1}$** |
| ② | **400** | **0,25** | **140** | **1320** |
| ③ | Δ | 0,22 | 110 | 1360 |
| ⑤ | 400 | 0,22 | 110 | 1360 |
| ⑥ | Δ | 0,21 | 97 | 1380 |
| ⑧ | 400 | 0,14 | 91 | 1040 |
| ⑨ | Y | 0,12 | 74 | 1160 |

$p_{d2} = 4{,}7 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 68 | 73 | 67 | 66 | 62 |

gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB035-VDA.2C.A4P** | **132 320** | **A** | A | 3,7 kg | 108XB | L-KL-8808 | 6/2/1 |
| **FB035-VDW.2C.A4P** | **106 939** | **W** | A | 4,5 kg | 108XB | L-KL-8809 | 6/2/3 |
| **FB035-VDA.2C.V4P** | **124 389** | **A** | V | 3,7 kg | 108XA | L-KL-8802 | 6/2/5 |
| **FB035-VDK.2C.V4P** | **124 151** | **K** | V | 4,8 kg | 108XA | L-KL-8803 | 6/2/8 |

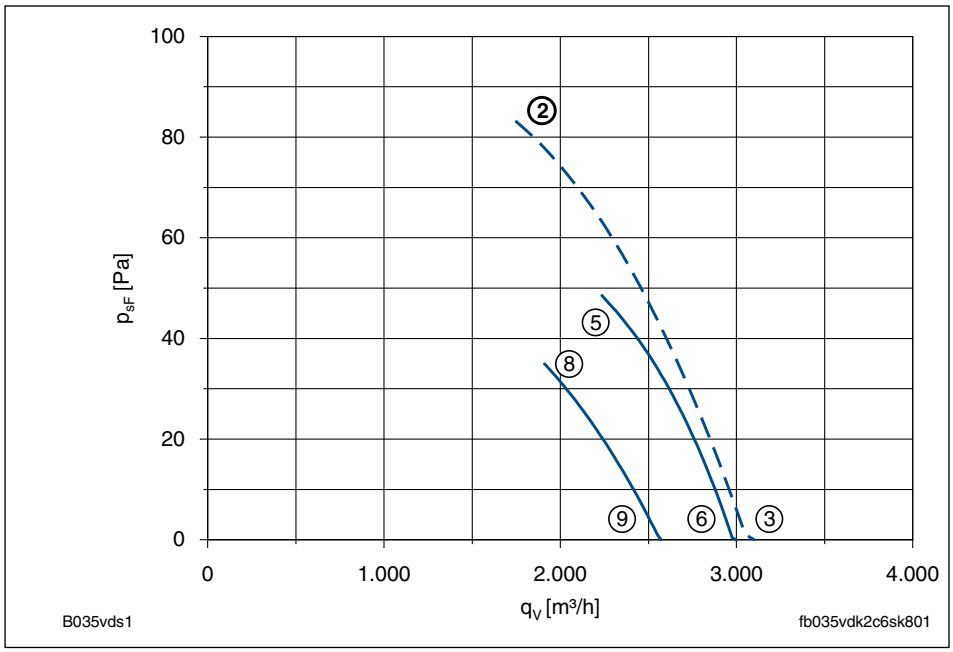
# FB035-VD_.2C.V4S

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% ∆/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,18/0,13** | kW |
| I | **0,37/0,21** | A |
| n | **1320/1040** | $min^{-1}$ |
| $I_A$ | 1,2/0,4 | A |
| ΔI | 0 | % |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **A** | **$min^{-1}$** |
| ② | **400** | **0,37** | **180** | **1320** |
| ③ | ∆ | 0,34 | 150 | 1400 |
| ⑤ | 400 | 0,37 | 170 | 1380 |
| ⑥ | ∆ | 0,36 | 160 | 1390 |
| ⑧ | 400 | 0,2 | 125 | 1180 |
| ⑨ | Y | 0,19 | 120 | 1200 |

$$p_{d2} = 4{,}7 \cdot 10^{-6} \cdot q_V^{\,2}$$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 71 | 71 | 71 | 66 | 67 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB035-VDA.2C.V4S** | **124 390** | **A** | V | 3,7 kg | 108XA | L-KL-8802 | 6/2/5 |
| **FB035-VDK.2C.V4S** | **124 152** | **K** | V | 4,8 kg | 108XA | L-KL-8803 | 6/2/8 |

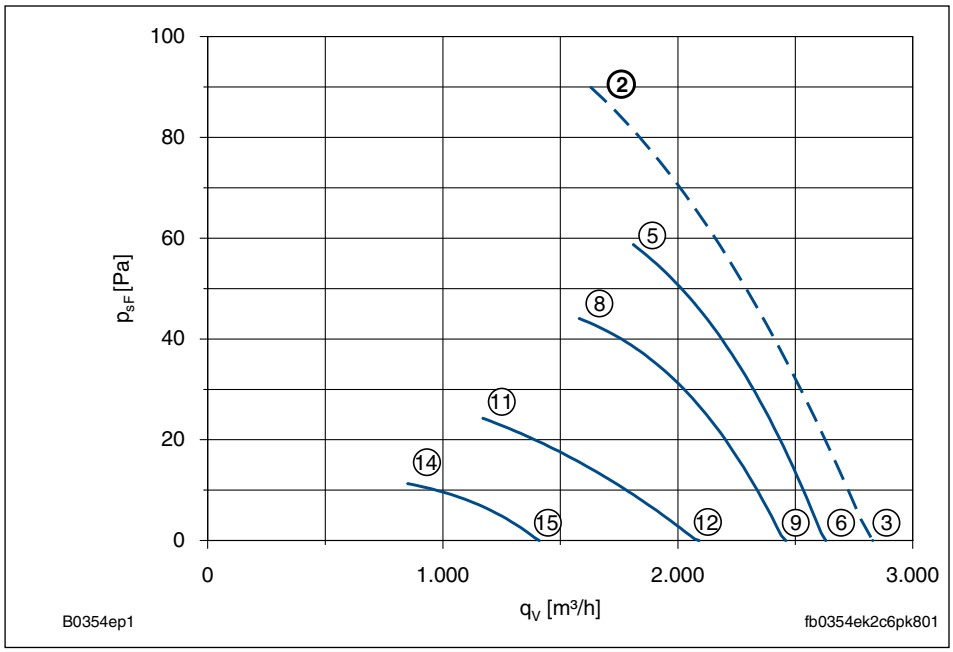
# FB035-4E_.2C._4P

## Leistungsdaten
## *Performance data*

**1~ 230V ±10% 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,19** | kW |
| I | **0,89** | A |
| n | **1330** | $min^{-1}$ |
| $I_A$ | 1,4 | A |
| ΔI | 0 | % |
| $C_{400V}$ | 5 | µF |
| $t_{R②}$ | **60** | **°C** |
| $t_{R⑤}$ | 60 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **W** | **$min^{-1}$** |
| ② | **230** | **0,89** | **190** | **1330** |
| ③ | | 0,73 | 150 | 1410 |
| ⑤ | 230 | 0,75 | 160 | 1390 |
| ⑥ | | 0,72 | 150 | 1420 |
| ⑧ | 160 | 0,68 | 105 | 1250 |
| ⑨ | | 0,6 | 94 | 1320 |
| ⑪ | 130 | 0,68 | 80 | 930 |
| ⑫ | | 0,62 | 77 | 1130 |
| ⑭ | 105 | 0,58 | 54 | 660 |
| ⑮ | | 0,57 | 53 | 770 |

$p_{d2} = 4{,}7 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ | ⑪ | ⑫ | ⑭ | ⑮ |
|---|---|---|---|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 69 | 70 | 68 | 67 | 65 | 60 | 61 | 54 | 53 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB035-4EA.2C.A4P** | **132 321** | **A** | A | 3,7 kg | 104XB | L-KL-8808 | 6/2/1 |
| **FB035-4EW.2C.A4P** | **106 938** | **W** | A | 4,5 kg | 104XB | L-KL-8809 | 6/2/3 |
| **FB035-4EA.2C.V4P** | **125 217** | **A** | V | 3,7 kg | 104XA | L-KL-8802 | 6/2/5 |
| **FB035-4EK.2C.V4P** | **124 158** | **K** | V | 4,8 kg | 104XA | L-KL-8803 | 6/2/8 |

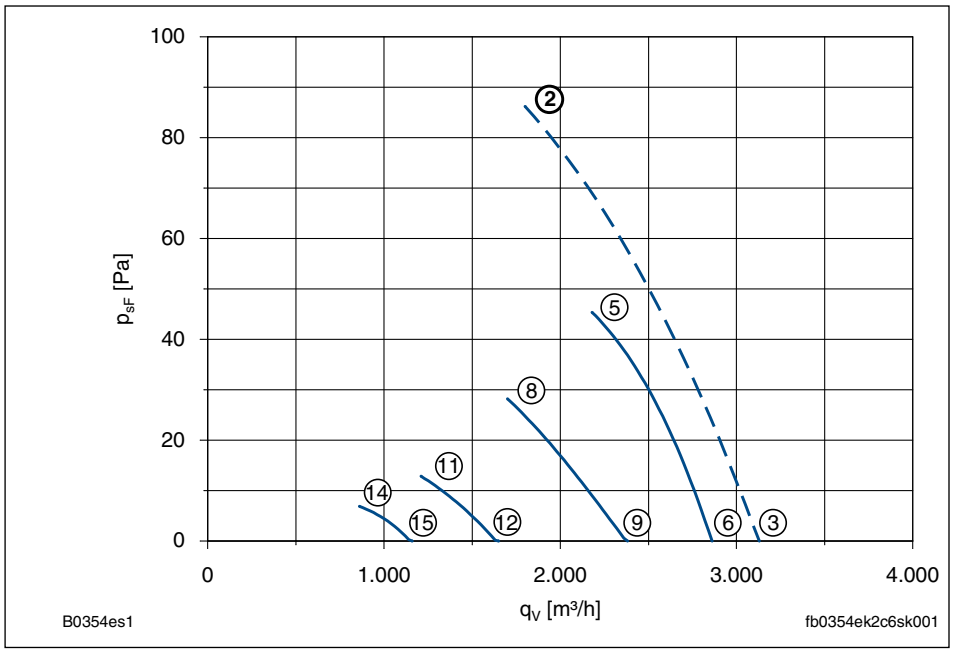
# FB035-4E_.2C.V4S

## Leistungsdaten
## *Performance data*

**1~ 230V ±10% 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,2** | kW |
| I | **0,92** | A |
| n | **1300** | $min^{-1}$ |
| $I_A$ | 1,35 | A |
| ΔI | 0 | % |
| $C_{400V}$ | 4 | µF |
| **$t_R$②** | **60** | **°C** |
| $t_R$⑤ | 60 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **A** | **$min^{-1}$** |
| ② | **230** | **0,92** | **200** | **1300** |
| ③ | | 0,8 | 175 | 1360 |
| ⑤ | 230 | 0,84 | 185 | 1350 |
| ⑥ | | 0,81 | 175 | 1370 |
| ⑧ | 160 | 0,8 | 120 | 1050 |
| ⑨ | | 0,76 | 115 | 1140 |
| ⑪ | 130 | 0,7 | 82 | 730 |
| ⑫ | | 0,69 | 81 | 800 |
| ⑭ | 105 | 0,58 | 52 | 520 |
| ⑮ | | 0,58 | 52 | 560 |

$p_{d2} = 4{,}7 \cdot 10^{-6} \cdot q_V^{\,2}$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ | ⑪ | ⑫ | ⑭ | ⑮ |
|---|---|---|---|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 70 | 73 | 70 | 67 | 65 | 59 | 57 | | |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB035-4EA.2C.V4S** | **124 393** | **A** | V | 3,7 kg | 104XA | L-KL-8802 | 6/2/5 |
| **FB035-4EK.2C.V4S** | **124 153** | **K** | V | 4,8 kg | 104XA | L-KL-8803 | 6/2/8 |

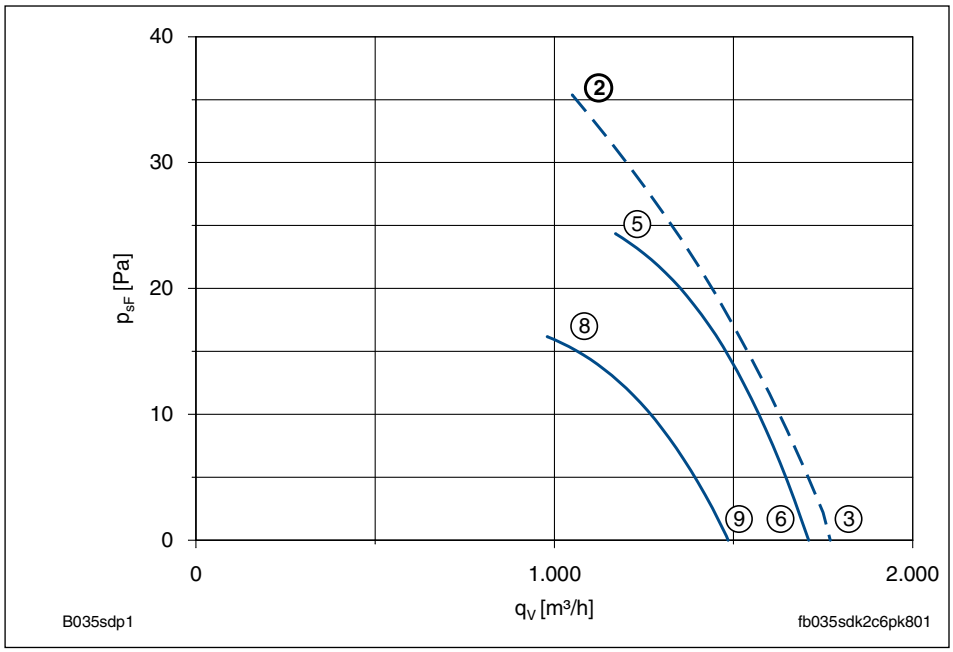
# FB035-SD_.2C._4P

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,05/0,03** | kW |
| I | **0,1/0,05** | A |
| n | **860/670** | $min^{-1}$ |
| $I_A$ | 0,27/0,09 | A |
| ΔI | 0 | % |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **W** | **$min^{-1}$** |
| ② | **400** | **0,1** | **50** | **860** |
| ③ | Δ | 0,09 | 38 | 920 |
| ⑤ | 400 | 0,1 | 38 | 890 |
| ⑥ | Δ | 0,09 | 34 | 910 |
| ⑧ | 400 | 0,06 | 28 | 790 |
| ⑨ | Y | 0,05 | 26 | 760 |

$p_{d2} = 4{,}7 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 59 | 60 | 58 | 57 | 54 |

gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB035-SDA.2C.A4P** | **132 322** | **A** | A | 3,7 kg | 108XB | L-KL-8808 | 6/2/1 |
| **FB035-SDW.2C.A4P** | **107 068** | **W** | A | 4,5 kg | 108XB | L-KL-8809 | 6/2/3 |
| **FB035-SDA.2C.V4P** | **124 391** | **A** | V | 3,7 kg | 108XA | L-KL-8802 | 6/2/5 |
| **FB035-SDK.2C.V4P** | **124 157** | **K** | V | 4,8 kg | 108XA | L-KL-8803 | 6/2/8 |

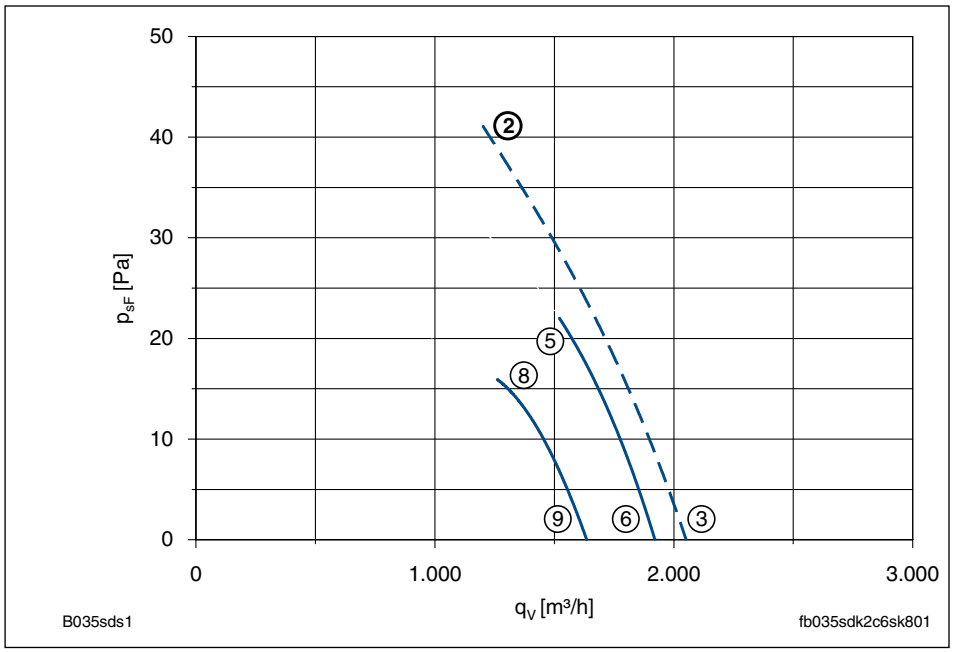
# FB035-SD_.2C.V4S

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% ∆/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,07/0,04** | kW |
| I | **0,17/0,08** | A |
| n | **880/700** | $min^{-1}$ |
| $I_A$ | 0,42/0,14 | A |
| ΔI | 0 | % |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **A** | **$min^{-1}$** |
| ② | **400** | **0,17** | **70** | **880** |
| ③ | ∆ | 0,16 | 57 | 920 |
| ⑤ | 400 | 0,16 | 58 | 920 |
| ⑥ | ∆ | 0,15 | 54 | 930 |
| ⑧ | 400 | 0,08 | 39 | 760 |
| ⑨ | Y | 0,07 | 37 | 790 |

$p_{d2} = 4{,}7 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| **$L_{WA}$ dB** | | 61 | 64 | 60 | 60 | 57 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB035-SDA.2C.V4S** | **124 392** | **A** | V | 3,7 kg | 108XA | L-KL-8802 | 6/2/5 |
| **FB035-SDK.2C.V4S** | **210 514** | **K** | V | 4,8 kg | 108XA | L-KL-8803 | 6/2/8 |

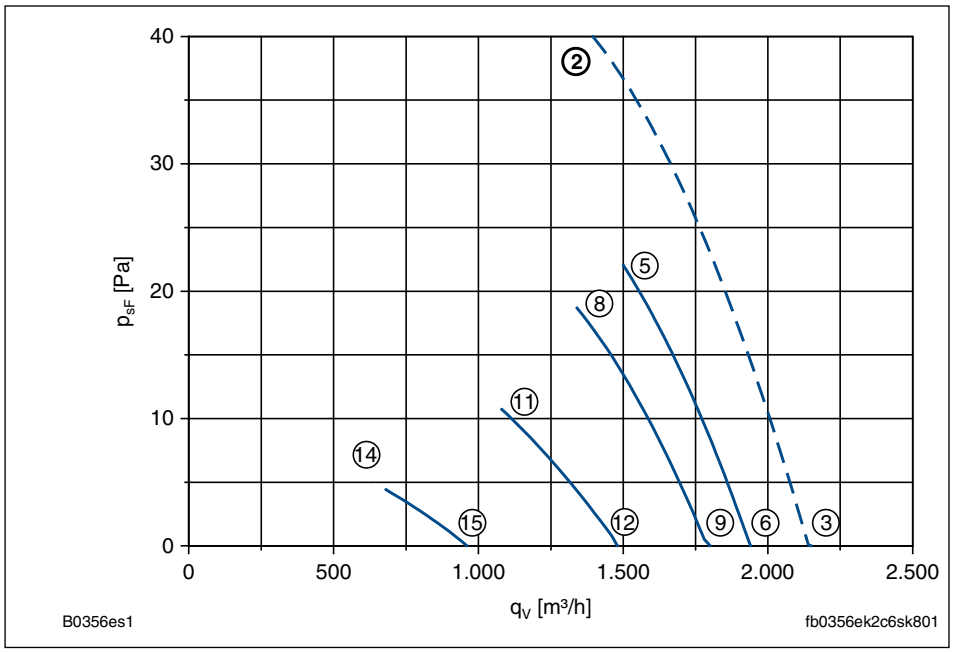
# FB035-6E_.2C.V4S

## Leistungsdaten
## *Performance data*

**1~ 230V ±10% 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,10** | kW |
| I | **0,49** | A |
| n | **930** | $min^{-1}$ |
| $I_A$ | 1,1 | A |
| ΔI | 0 | % |
| $C_{400V}$ | 2,5 | µF |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **W** | **$min^{-1}$** |
| ② | **230** | **0,49** | **100** | **930** |
| ③ | | 0,43 | 89 | 940 |
| ⑤ | 230 | 0,40 | 80 | 920 |
| ⑥ | | 0,39 | 78 | 940 |
| ⑧ | 160 | 0,36 | 54 | 850 |
| ⑨ | | 0,34 | 51 | 870 |
| ⑪ | 130 | 0,39 | 45 | 660 |
| ⑫ | | 0,37 | 44 | 720 |
| ⑭ | 105 | 0,35 | 32 | 440 |
| ⑮ | | 0,34 | 31 | 460 |

$p_{d2} = 4{,}7 \cdot 10^{-6} \cdot q_V^{\,2}$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ | ⑪ | ⑫ | ⑭ | ⑮ |
|---|---|---|---|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | | 61 | 61 | 60 | 59 | 55 | 54 | | |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutzgitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB035-6EA.2C.V4S** | **124 394** | **A** | V | 3,7 kg | 104XA | L-KL-8802 | 6/2/5 |
| **FB035-6EK.2C.V4S** | **124 159** | **K** | V | 4,8 kg | 104XA | L-KL-8803 | 6/2/8 |

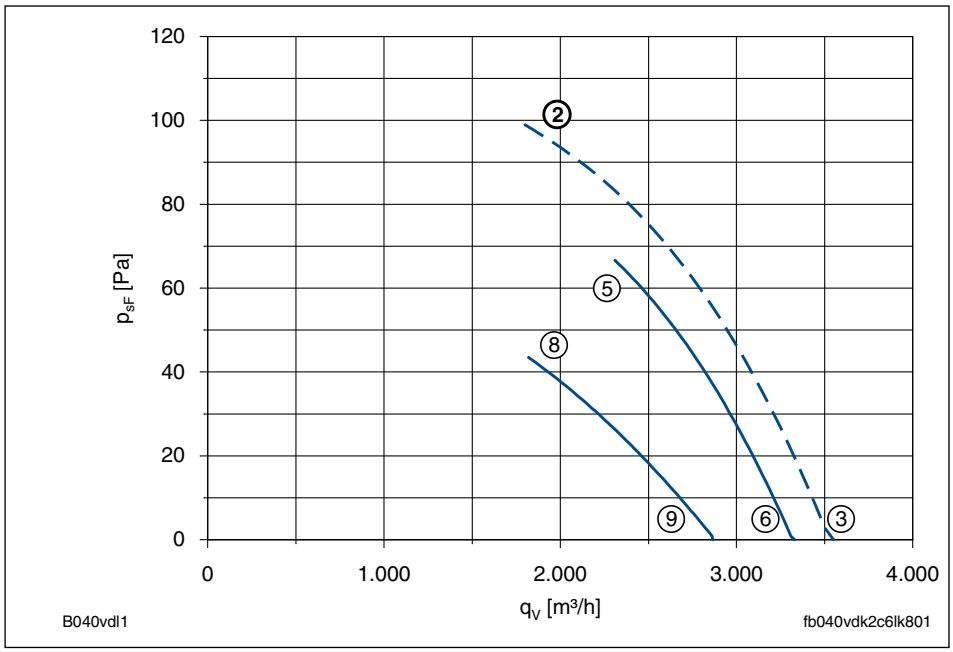
# FB040-VD_.2C.V4L

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,18/0,12** | kW |
| I | **0,35/0,19** | A |
| n | **1300/1000** | $min^{-1}$ |
| $I_A$ | 1,0/0,33 | A |
| ΔI | 5 | % |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **A** | **$min^{-1}$** |
| ② | **400** | **0,35** | **180** | **1300** |
| ③ | Δ | 0,28 | 120 | 1390 |
| ⑤ | 400 | 0,29 | 150 | 1350 |
| ⑥ | Δ | 0,26 | 115 | 1400 |
| ⑧ | 400 | 0,18 | 110 | 1070 |
| ⑨ | Y | 0,14 | 88 | 1190 |

$p_{d2} = 2{,}9 \cdot 10^{-6} \cdot q_V^{\,2}$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 72 | 77 | 68 | 70 | 64 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

### Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB040-VDA.2C.V4L** | **124 395** | **A** | V | 3,8 kg | 108XA | L-KL-8802 | 6/2/5 |
| **FB040-VDK.2C.V4L** | **124 154** | **K** | V | 5,2 kg | 108XA | L-KL-8803 | 6/2/8 |

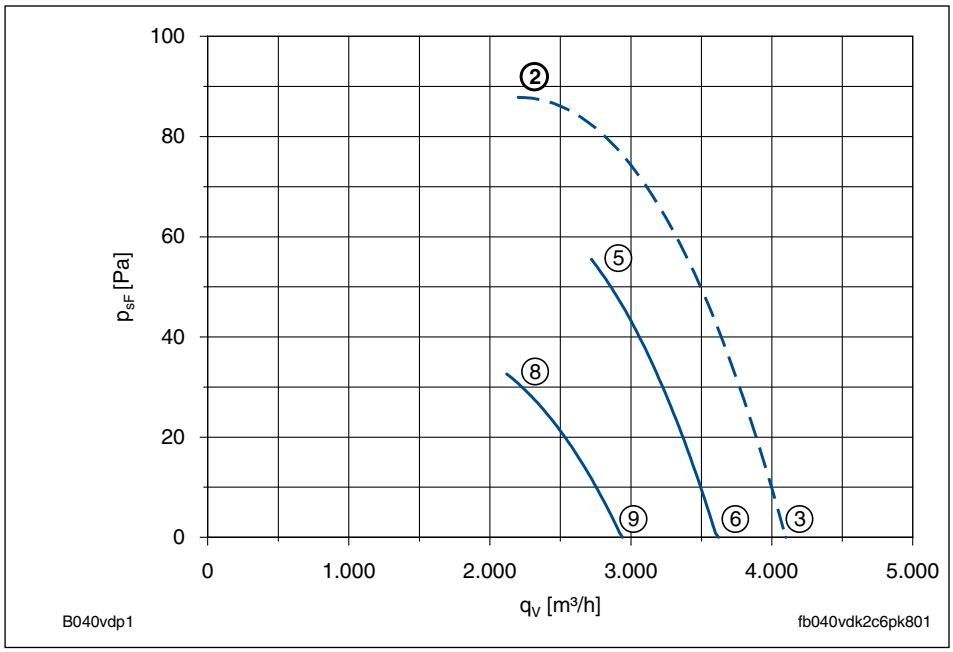
# FB040-VD_.2C.V4P

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,24/0,16** | kW |
| I | **0,45/0,26** | A |
| n | **1340/1020** | $min^{-1}$ |
| $I_A$ | 1,2/0,4 | A |
| ΔI | 5 | % |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **W** | **$min^{-1}$** |
| ② | **400** | **0,45** | **240** | **1340** |
| ③ | Δ | 0,39 | 165 | 1410 |
| ⑤ | 400 | 0,33 | 175 | 1330 |
| ⑥ | Δ | 0,31 | 155 | 1360 |
| ⑧ | 400 | 0,21 | 135 | 980 |
| ⑨ | Y | 0,18 | 110 | 1100 |

$p_{d2} = 2{,}9 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 73 | 74 | 70 | 66 | 65 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

### Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB040-VDA.2C.V4P** | **124 396** | **A** | V | 3,8 kg | 108XA | L-KL-8802 | 6/2/5 |
| **FB040-VDK.2C.V4P** | **124 155** | **K** | V | 5,2 kg | 108XA | L-KL-8803 | 6/2/8 |

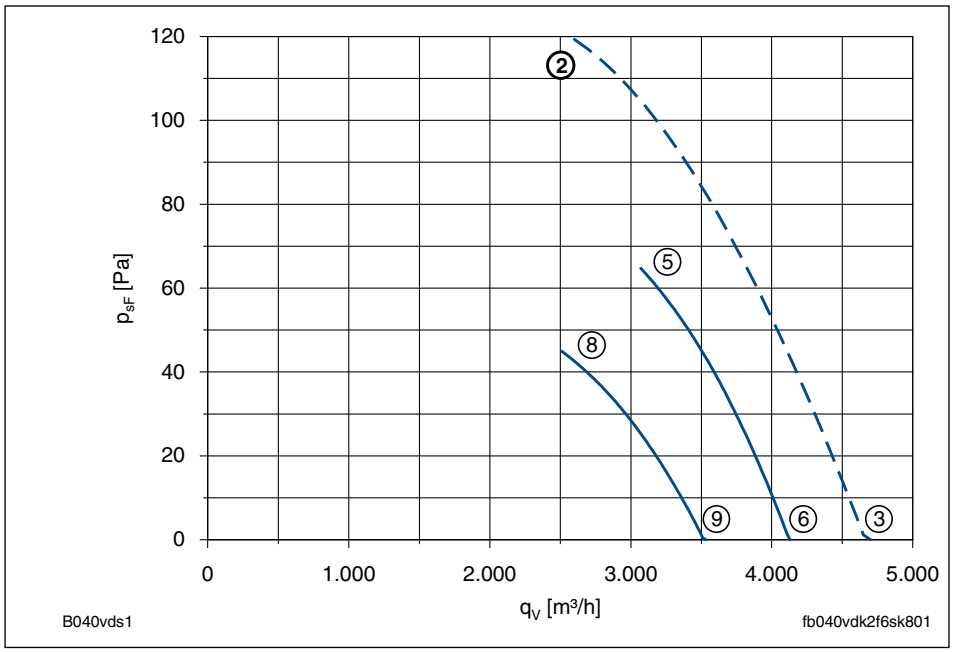
# FB040-VD_.2F.V4S

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,32/0,23** | kW |
| I | **0,63/0,36** | A |
| n | **1350/1050** | $min^{-1}$ |
| $I_A$ | 2,4/0,8 | A |
| ΔI | 5 | % |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **A** | **$min^{-1}$** |
| ② | **400** | **0,63** | **320** | **1350** |
| ③ | Δ | 0,55 | 240 | 1400 |
| ⑤ | 400 | 0,5 | 250 | 1370 |
| ⑥ | Δ | 0,47 | 220 | 1390 |
| ⑧ | 400 | 0,3 | 190 | 1150 |
| ⑨ | Y | 0,28 | 170 | 1190 |

$p_{d2} = 2{,}9 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 74 | 76 | 74 | 69 | 70 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB040-VDA.2F.V4S** | **124 397** | **A** | V | 4,7 kg | 108XA | L-KL-8802 | 6/2/5 |
| **FB040-VDK.2F.V4S** | **124 156** | **K** | V | 6,1 kg | 108XA | L-KL-8803 | 6/2/8 |

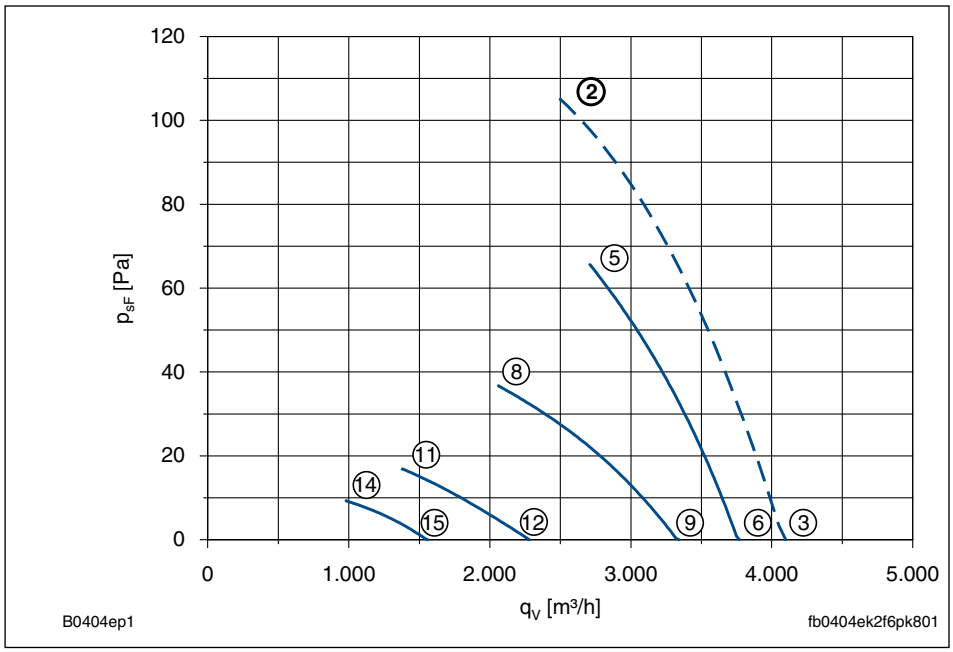
# FB040-4E_.2F.V4P

## Leistungsdaten
## *Performance data*

**1~ 230V ±10% 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,28** | kW |
| I | **1,35** | A |
| n | **1350** | $min^{-1}$ |
| $I_A$ | 2,6 | A |
| ΔI | 0 | % |
| $C_{400V}$ | 5 | µF |
| **$t_R$②** | **60** | **°C** |
| $t_R$⑤ | 65 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | V | A | W | $min^{-1}$ |
| ② | **230** | **1,35** | **280** | **1350** |
| ③ | | 1,15 | 220 | 1410 |
| ⑤ | 230 | 1,15 | 230 | 1370 |
| ⑥ | | 1,1 | 210 | 1390 |
| ⑧ | 160 | 1,2 | 165 | 1050 |
| ⑨ | | 1,0 | 150 | 1230 |
| ⑪ | 130 | 1,05 | 115 | 720 |
| ⑫ | | 1,0 | 110 | 850 |
| ⑭ | 105 | 0,87 | 73 | 520 |
| ⑮ | | 0,86 | 71 | 580 |

$p_{d2} = 2{,}9 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ | ⑪ | ⑫ | ⑭ | ⑮ |
|---|---|---|---|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 73 | 71 | 71 | 66 | 67 | 60 | 62 | 54 | 58 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB040-4EA.2F.V4P** | **124 415** | **A** | V | 4,7 kg | 104XA | L-KL-8802 | 6/2/5 |
| **FB040-4EK.2F.V4P** | **124 162** | **K** | V | 6,1 kg | 104XA | L-KL-8803 | 6/2/8 |

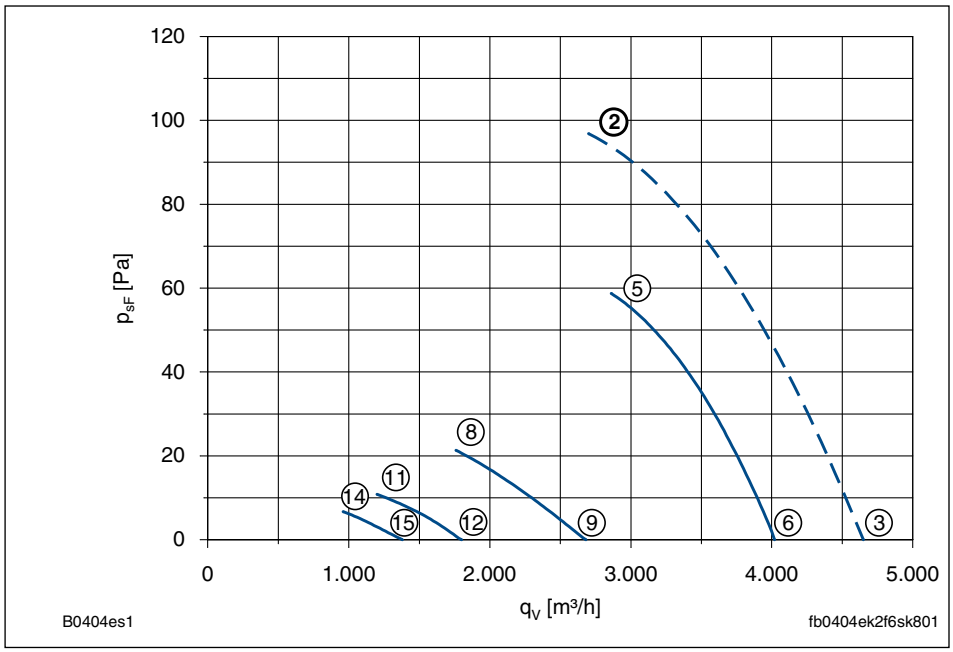
# FB040-4E_.2F.V4S

## Leistungsdaten
## *Performance data*

**1~ 230V ±10% 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,32** | kW |
| I | **1,5** | A |
| n | **1270** | $min^{-1}$ |
| $I_A$ | 2,7 | A |
| ΔI | 0 | % |
| $C_{400V}$ | 5 | µF |
| **$t_R$②** | **40** | **°C** |
| $t_R$⑤ | 50 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **A** | **$min^{-1}$** |
| ② | **230** | **1,5** | **320** | **1270** |
| ③ | | 1,25 | 250 | 1360 |
| ⑤ | 230 | 1,35 | 280 | 1320 |
| ⑥ | | 1,25 | 250 | 1350 |
| ⑧ | 160 | 1,4 | 190 | 800 |
| ⑨ | | 1,35 | 175 | 900 |
| ⑪ | 130 | 1,15 | 120 | 570 |
| ⑫ | | 1,1 | 115 | 620 |
| ⑭ | 105 | 0,91 | 75 | 430 |
| ⑮ | | 0,9 | 74 | 460 |

$p_{d2} = 2{,}9 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ | ⑪ | ⑫ | ⑭ | ⑮ |
|---|---|---|---|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 73 | 73 | 72 | 61 | 63 | 53 | 54 | | |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB040-4EA.2F.V4S** | **124 416** | **A** | V | 4,7 kg | 104XA | L-KL-8802 | 6/2/5 |
| **FB040-4EK.2F.V4S** | **124 163** | **K** | V | 6,1 kg | 104XA | L-KL-8803 | 6/2/8 |

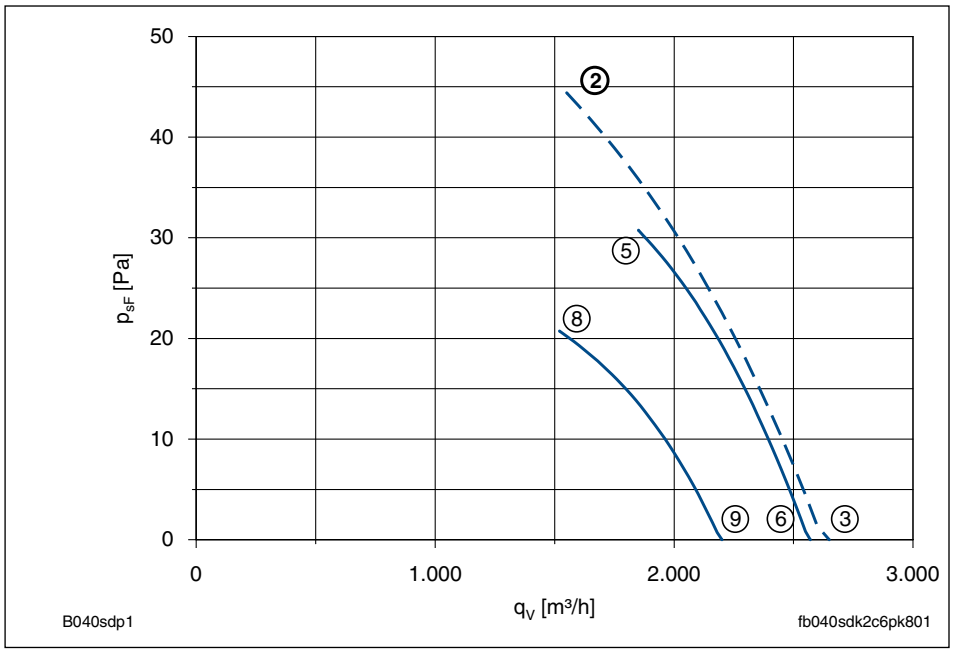
# FB040-SD_.2C.V4P

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,09/0,06** | kW |
| I | **0,23/0,11** | A |
| n | **900/730** | $min^{-1}$ |
| $I_A$ | 0,51/0,17 | A |
| ΔI | 0 | % |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **W** | **$min^{-1}$** |
| ② | **400** | **0,23** | **90** | **900** |
| ③ | Δ | 0,21 | 70 | 920 |
| ⑤ | 400 | 0,21 | 80 | 920 |
| ⑥ | Δ | 0,2 | 70 | 930 |
| ⑧ | 400 | 0,11 | 54 | 770 |
| ⑨ | Y | 0,09 | 48 | 820 |

$p_{d2} = 2{,}9 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 64 | 62 | 62 | 57 | 58 |

- gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
  *measured in full bell mouth without guard grille in installation type A according to ISO 5801*
- gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
  *measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB040-SDA.2C.V4P** | **124 398** | **A** | V | 3,8 kg | 108XA | L-KL-8802 | 6/2/5 |
| **FB040-SDK.2C.V4P** | **124 160** | **K** | V | 5,2 kg | 108XA | L-KL-8803 | 6/2/8 |

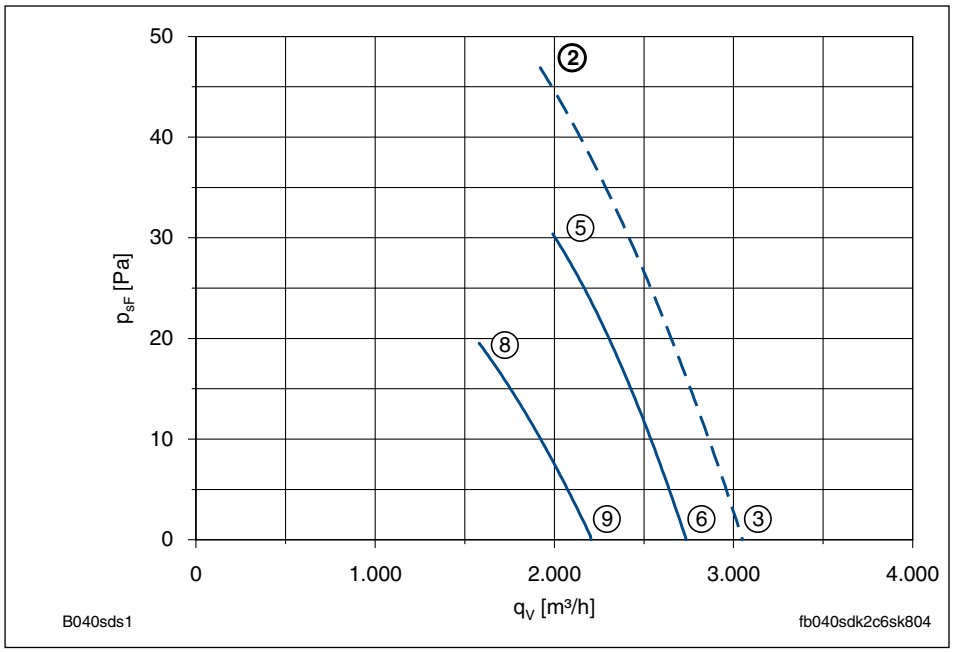
# FB040-SD_.2C.V4S

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% ∆/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,12/0,08** | kW |
| I | **0,28/0,14** | A |
| n | **900/700** | $min^{-1}$ |
| $I_A$ | 0,66/0,22 | A |
| ΔI | 0 | % |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **A** | **$min^{-1}$** |
| ② | **400** | **0,28** | **120** | **900** |
| ③ | ∆ | 0,26 | 100 | 920 |
| ⑤ | 400 | 0,27 | 100 | 920 |
| ⑥ | ∆ | 0,26 | 95 | 930 |
| ⑧ | 400 | 0,12 | 64 | 730 |
| ⑨ | Y | 0,12 | 62 | 750 |

$p_{d2} = 2{,}9 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 65 | 64 | 63 | 58 | 58 |

gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB040-SDA.2C.V4S** | **124 414** | **A** | V | 3,8 kg | 108XA | L-KL-8802 | 6/2/5 |
| **FB040-SDK.2C.V4S** | **124 161** | **K** | V | 5,2 kg | 108XA | L-KL-8803 | 6/2/8 |

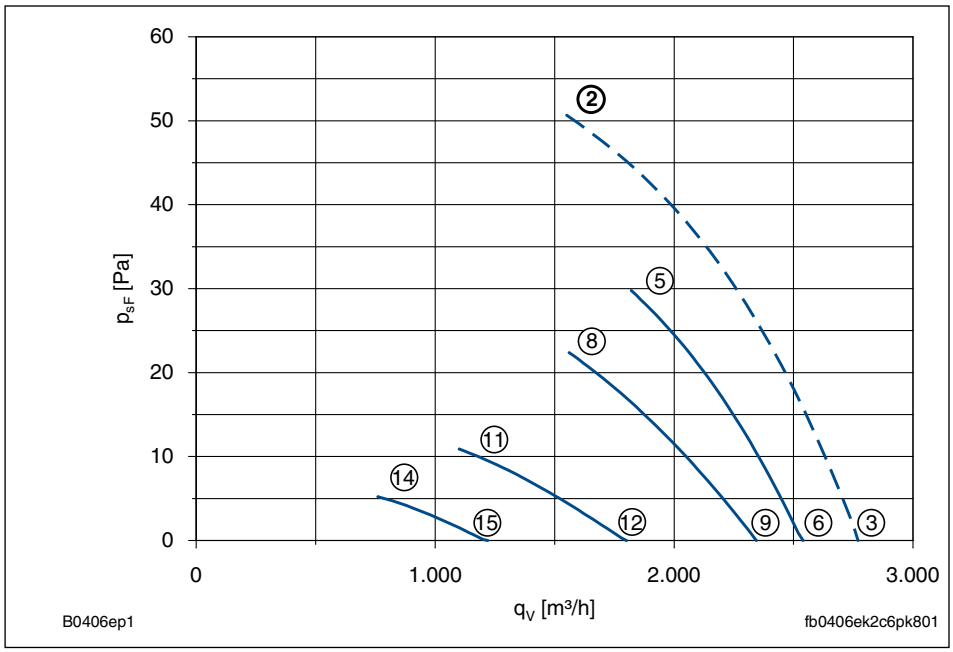
# FB040-6E_.2C.V4P

## Leistungsdaten
## *Performance data*

**1~ 230V ±10% 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,11** | kW |
| I | **0,5** | A |
| n | **900** | $min^{-1}$ |
| $I_A$ | 1,1 | A |
| ΔI | 0 | % |
| $C_{400V}$ | 3 | µF |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **W** | **$min^{-1}$** |
| ② | **230** | **0,5** | **110** | **900** |
| ③ | | 0,42 | 90 | 930 |
| ⑤ | 230 | 0,44 | 100 | 920 |
| ⑥ | | 0,42 | 90 | 930 |
| ⑧ | 160 | 0,42 | 65 | 810 |
| ⑨ | | 0,38 | 59 | 860 |
| ⑪ | 130 | 0,43 | 51 | 560 |
| ⑫ | | 0,4 | 49 | 670 |
| ⑭ | 105 | 0,37 | 35 | 390 |
| ⑮ | | 0,36 | 34 | 450 |

$p_{d2} = 2{,}9 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ | ⑪ | ⑫ | ⑭ | ⑮ |
|---|---|---|---|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 64 | 65 | 61 | 62 | 61 | | | | |

- gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
  *measured in full bell mouth without guard grille in installation type A according to ISO 5801*
- gemessen in Kurzdüse mit druckseitigem Berührschutzgitter
  *measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB040-6EA.2C.V4P** | **124 417** | **A** | V | 3,8 kg | 104XA | L-KL-8802 | 6/2/5 |
| **FB040-6EK.2C.V4P** | **124 164** | **K** | V | 5,2 kg | 104XA | L-KL-8803 | 6/2/8 |

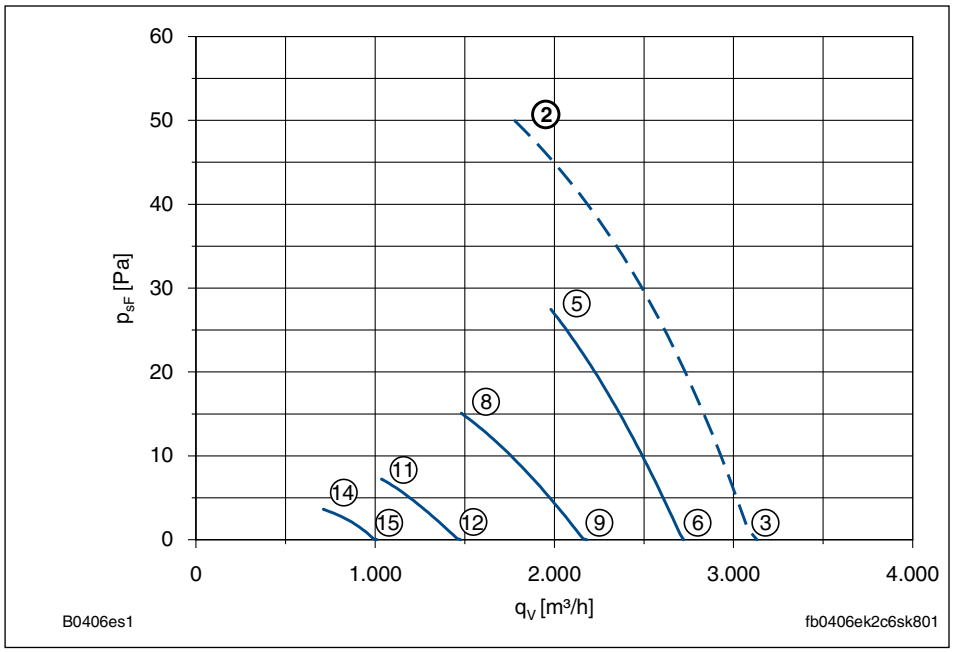
# FB040-6E_.2C.V4S

## Leistungsdaten
## *Performance data*

**1~ 230V ±10% 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,13** | kW |
| I | **0,6** | A |
| n | **890** | $min^{-1}$ |
| $I_A$ | 1,1 | A |
| ΔI | 0 | % |
| $C_{400V}$ | 3 | **°C** |
| $t_{R②}$ | **70** | µF |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | V | A | A | $min^{-1}$ |
| ② | **230** | **0,6** | **130** | **890** |
| ③ | | 0,53 | 115 | 920 |
| ⑤ | 230 | 0,48 | 110 | 900 |
| ⑥ | | 0,46 | 100 | 910 |
| ⑧ | 160 | 0,48 | 72 | 690 |
| ⑨ | | 0,46 | 69 | 730 |
| ⑪ | 130 | 0,43 | 53 | 420 |
| ⑫ | | 0,42 | 50 | 500 |
| ⑭ | 105 | 0,35 | 33 | 340 |
| ⑮ | | 0,35 | 33 | 360 |

$p_{d2} = 2{,}9 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ | ⑪ | ⑫ | ⑭ | ⑮ |
|---|---|---|---|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 65 | 63 | 63 | 56 | 57 | 50 | 51 | | |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB040-6EA.2C.V4S** | **124 418** | **A** | V | 3,8 kg | 104XA | L-KL-8802 | 6/2/5 |
| **FB040-6EK.2C.V4S** | **124 165** | **K** | V | 5,2 kg | 104XA | L-KL-8803 | 6/2/8 |

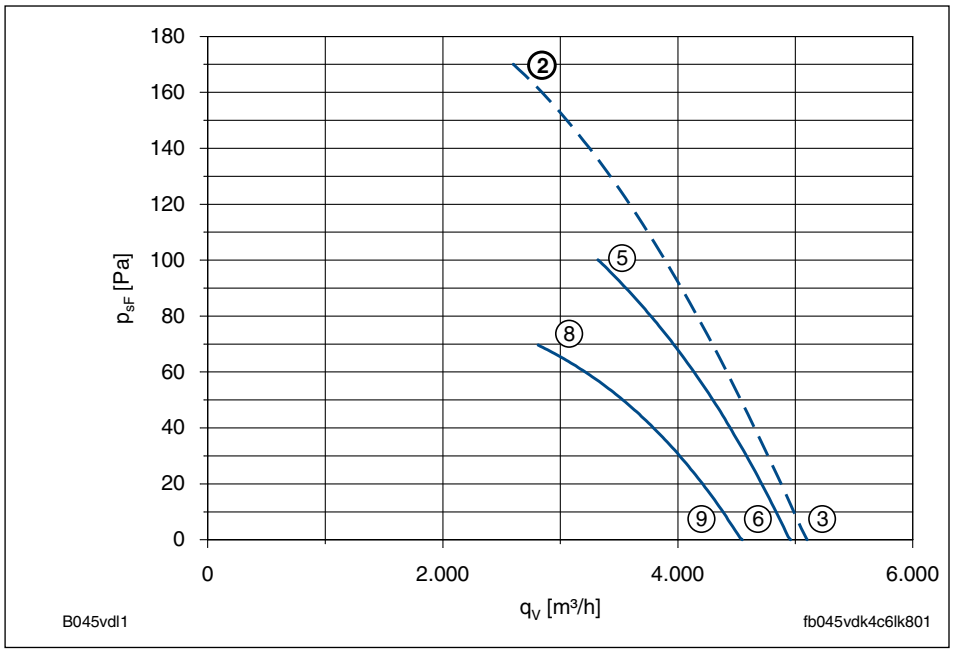
# FB045-VD_.4C.V4L

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,43/0,33** | kW |
| I | **0,79/0,53** | A |
| n | **1370/1030** | $min^{-1}$ |
| $I_A$ | 3,1/1,8 | A |
| ΔI | 20 | % |
| $t_{R②}$ | **55** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **W** | **$min^{-1}$** |
| ② | **400** | **0,79** | **430** | **1370** |
| ③ | Δ | 0,6 | 240 | 1435 |
| ⑤ | 400 | 0,61 | 300 | 1400 |
| ⑥ | Δ | 0,52 | 210 | 1440 |
| ⑧ | 400 | 0,39 | 240 | 1180 |
| ⑨ | Y | 0,28 | 165 | 1310 |

$p_{d2} = 1{,}8 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| **$L_{WA}$ dB** | | 75 | 72 | 72 | 68 | 70 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB045-VDA.4C.V4L** | **124 683** | **A** | V | 5,8 kg | 108XA | L-KL-8806 | 6/2/6 |
| **FB045-VDK.4C.V4L** | **124 166** | **K** | V | 7,7 kg | 108XA | L-KL-8807 | 6/2/9 |

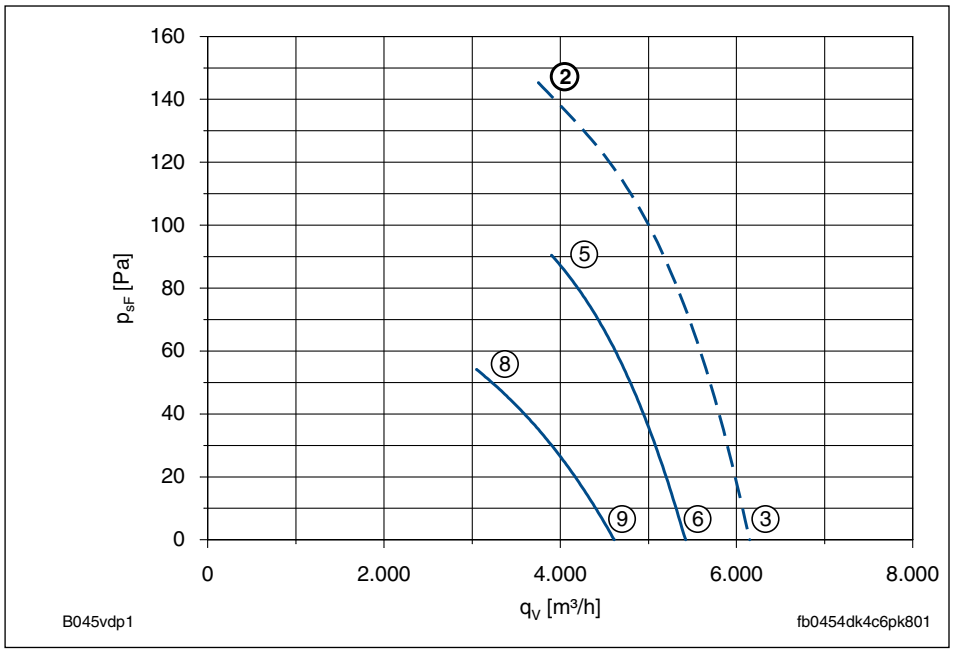
# FB045-VD_.4C.V4P

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,45/0,34** | kW |
| I | **0,81/0,55** | A |
| n | **1360/1040** | $min^{-1}$ |
| $I_A$ | 3,0/1,0 | A |
| ΔI | 20 | % |
| $t_{R②}$ | **60** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **A** | **$min^{-1}$** |
| ② | **400** | **0,81** | **450** | **1360** |
| ③ | Δ | 0,6 | 300 | 1400 |
| ⑤ | 400 | 0,69 | 380 | 1370 |
| ⑥ | Δ | 0,6 | 300 | 1400 |
| ⑧ | 400 | 0,48 | 280 | 1070 |
| ⑨ | Y | 0,41 | 250 | 1180 |

$p_{d2} = 1{,}8 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 79 | 75 | 74 | 69 | 70 |

gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB045-VDA.4C.V4P** | **124 684** | **A** | V | 5,8 kg | 108XA | L-KL-8806 | 6/2/6 |
| **FB045-VDK.4C.V4P** | **210 540** | **K** | V | 7,7 kg | 108XA | L-KL-8807 | 6/2/9 |

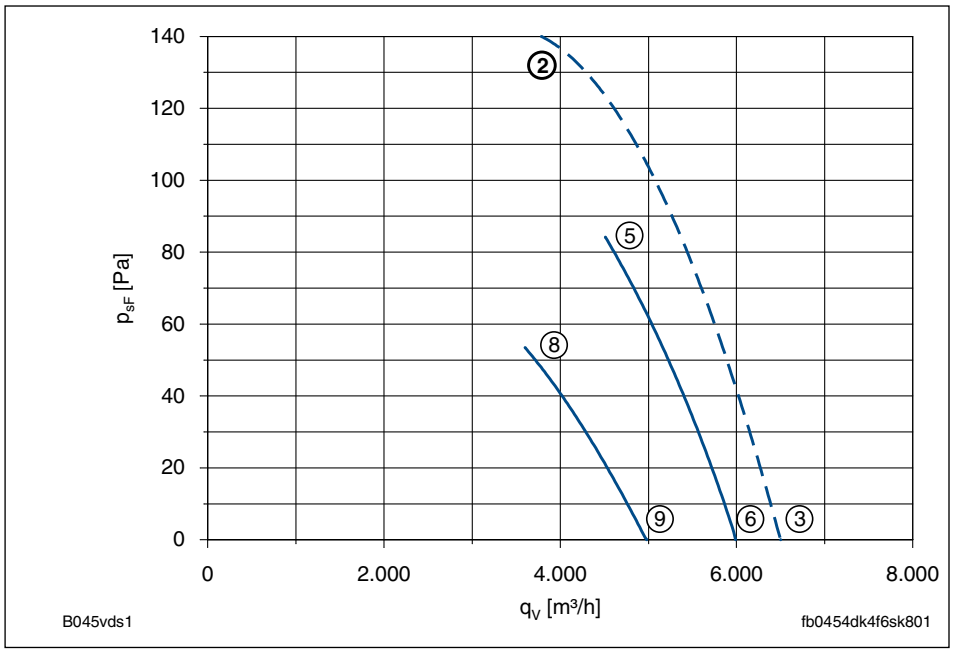
# FB045-VD_.4F.V4S

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,64/0,43** | kW |
| I | **1,1/0,7** | A |
| n | **1330/970** | $min^{-1}$ |
| $I_A$ | 4,5/1,5 | A |
| ΔI | 2,5 | % |
| $t_{R②}$ | **55** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **W** | **$min^{-1}$** |
| ② | **400** | **1,1** | **640** | **1330** |
| ③ | Δ | 0,9 | 430 | 1380 |
| ⑤ | 400 | 0,92 | 460 | 1370 |
| ⑥ | Δ | 0,86 | 410 | 1390 |
| ⑧ | 400 | 0,59 | 340 | 1100 |
| ⑨ | Y | 0,54 | 310 | 1160 |

$p_{d2} = 1{,}8 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 81 | 80 | 77 | 75 | 72 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB045-VDA.4F.V4S** | **124 685** | **A** | V | 7,3 kg | 108XA | L-KL-8806 | 6/2/6 |
| **FB045-VDK.4F.V4S** | **124 167** | **K** | V | 9,2 kg | 108XA | L-KL-8807 | 6/2/9 |

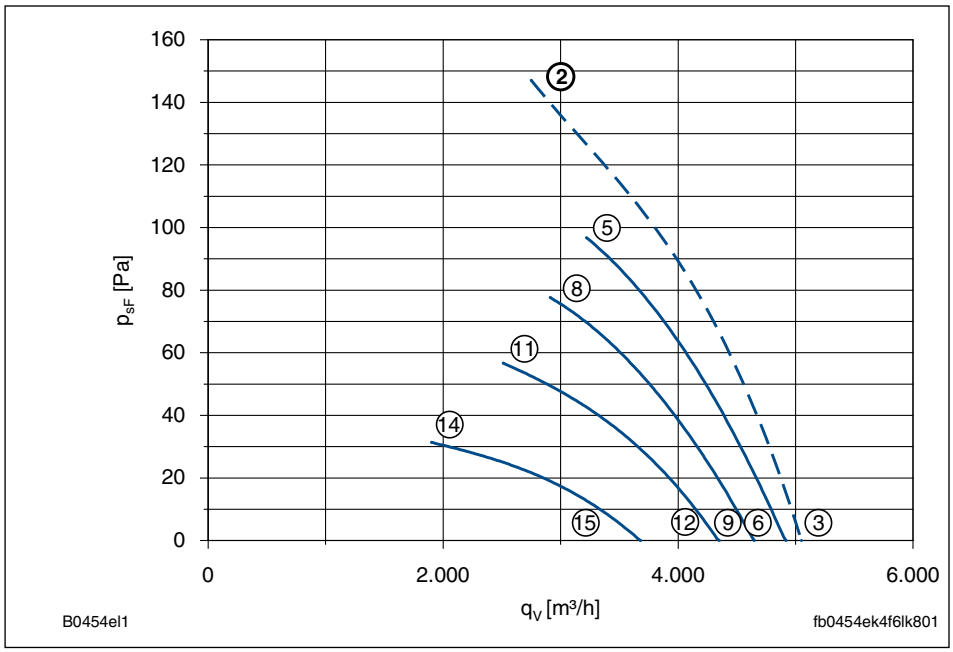
# FB045-4E_.4F.V4L

## Leistungsdaten
## *Performance data*

**1~ 230V ±10% 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,41** | kW |
| I | **1,9** | A |
| n | **1320** | $min^{-1}$ |
| $I_A$ | 5,0 | A |
| ΔI | 0 | % |
| $C_{400V}$ | 8 | µF |
| **$t_R$②** | **70** | **°C** |
| $t_R$⑤ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **A** | **$min^{-1}$** |
| ② | **230** | **1,9** | **410** | **1320** |
| ③ | | 1,45 | 300 | 1400 |
| ⑤ | 230 | 1,55 | 330 | 1380 |
| ⑥ | | 1,3 | 260 | 1410 |
| ⑧ | 160 | 1,7 | 260 | 1240 |
| ⑨ | | 1,25 | 190 | 1340 |
| ⑪ | 130 | 1,8 | 220 | 1080 |
| ⑫ | | 1,35 | 170 | 1250 |
| ⑭ | 105 | 1,8 | 175 | 810 |
| ⑮ | | 1,45 | 145 | 1060 |

$p_{d2} = 1{,}8 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ | ⑪ | ⑫ | ⑭ | ⑮ |
|---|---|---|---|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 74 | 72 | 72 | 69 | 71 | 66 | 69 | 58 | 66 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB045-4EA.4F.V4L** | **124 689** | **A** | V | 7,3 kg | 104XA | L-KL-8806 | 6/2/6 |
| **FB045-4EK.4F.V4L** | **124 180** | **K** | V | 9,2 kg | 104XA | L-KL-8807 | 6/2/9 |

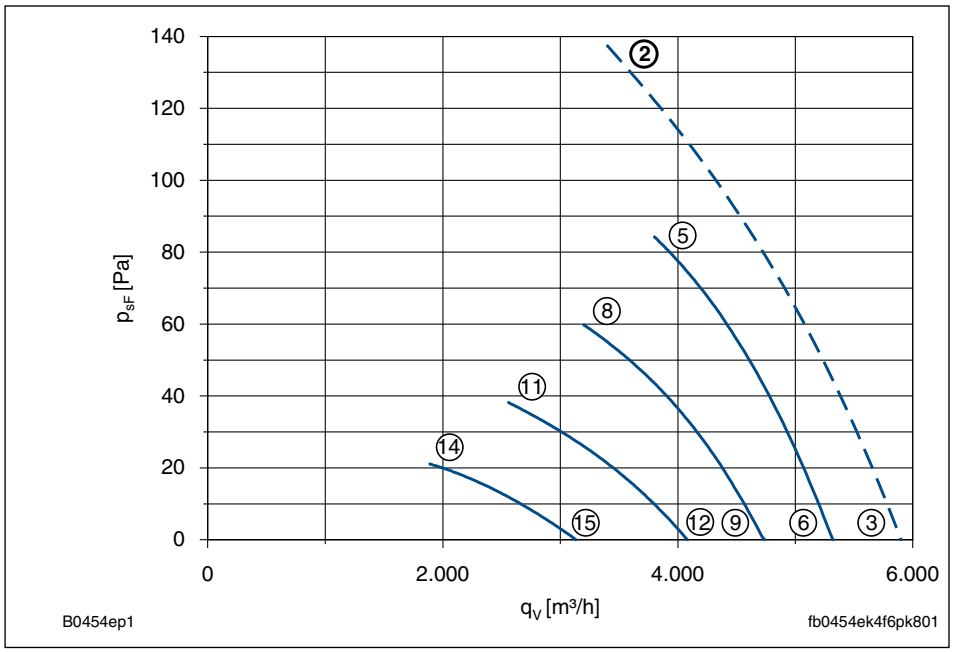
# FB045-4E_.4F.V4P

## Leistungsdaten
## *Performance data*

**1~ 230V ±10% 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,48** | kW |
| I | **2,1** | A |
| n | **1325** | $min^{-1}$ |
| $I_A$ | 5,1 | A |
| ΔI | 10 | % |
| $C_{400V}$ | 8 | µF |
| **$t_R$②** | **70** | **°C** |
| $t_R$⑤ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **W** | **$min^{-1}$** |
| ② | **230** | **2,1** | **480** | **1325** |
| ③ | | 1,6 | 340 | 1390 |
| ⑤ | 230 | 1,8 | 390 | 1320 |
| ⑥ | | 1,5 | 330 | 1360 |
| ⑧ | 160 | 1,9 | 300 | 1120 |
| ⑨ | | 1,55 | 240 | 1220 |
| ⑪ | 130 | 1,95 | 250 | 850 |
| ⑫ | | 1,7 | 210 | 1050 |
| ⑭ | 105 | 1,75 | 170 | 690 |
| ⑮ | | 1,65 | 160 | 810 |

$p_{d2} = 1{,}8 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ | ⑪ | ⑫ | ⑭ | ⑮ |
|---|---|---|---|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 77 | 73 | 73 | 70 | 70 | 64 | 66 | 57 | 60 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutzgitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB045-4EA.4F.V4P** | **107 179** | **A** | V | 7,3 kg | 104XA | L-KL-8806 | 6/2/6 |
| **FB045-4EK.4F.V4P** | **209 023** | **K** | V | 9,2 kg | 104XA | L-KL-8807 | 6/2/9 |

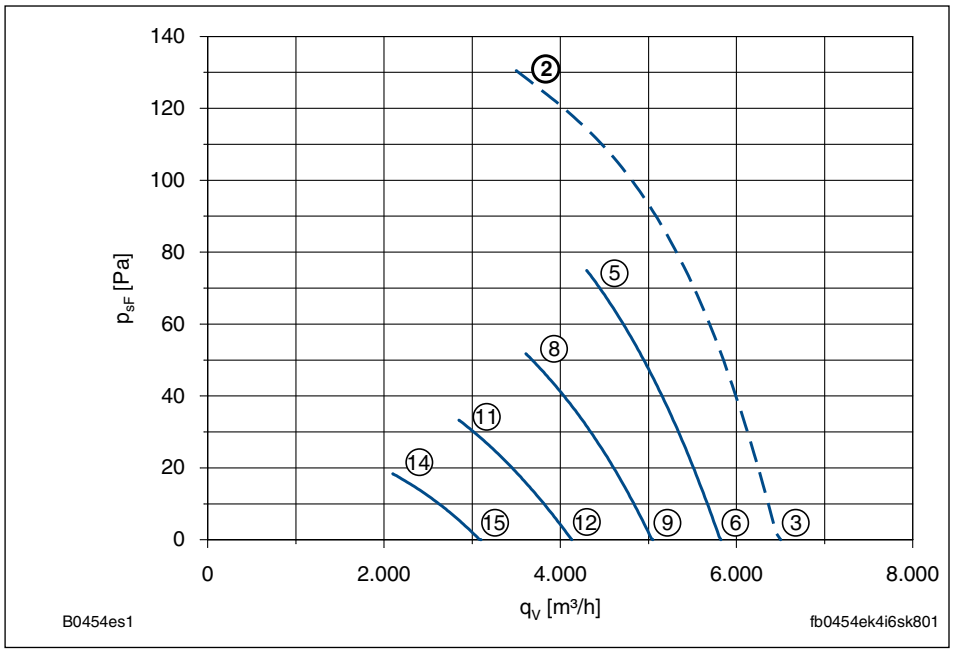
# FB045-4E_.4I.V4S

## Leistungsdaten
## *Performance data*

**1~ 230V ±10% 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,57** | kW |
| I | **2,4** | A |
| n | **1270** | $min^{-1}$ |
| $I_A$ | 4,2 | A |
| ΔI | 0 | % |
| $C_{400V}$ | 10 | µF |
| **$t_R$②** | **70** | **°C** |
| $t_R$⑤ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | V | A | A | $min^{-1}$ |
| ② | **230** | **2,4** | **570** | **1270** |
| ③ | | 2,0 | 440 | 1350 |
| ⑤ | 230 | 2,1 | 480 | 1330 |
| ⑥ | | 1,95 | 430 | 1360 |
| ⑧ | 160 | 2,4 | 370 | 1110 |
| ⑨ | | 2,2 | 340 | 1170 |
| ⑪ | 130 | 2,4 | 290 | 880 |
| ⑫ | | 2,3 | 280 | 960 |
| ⑭ | 105 | 2,2 | 210 | 660 |
| ⑮ | | 2,1 | 200 | 720 |

$p_{d2} = 1{,}8 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ | ⑪ | ⑫ | ⑭ | ⑮ |
|---|---|---|---|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 80 | 77 | 77 | 75 | 73 | 65 | 68 | 57 | 60 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB045-4EA.4I.V4S** | **124 690** | **A** | V | 9,1 kg | 104XA | L-KL-8806 | 6/2/6 |
| **FB045-4EK.4I.V4S** | **124 181** | **K** | V | 11,0 kg | 104XA | L-KL-8807 | 6/2/9 |

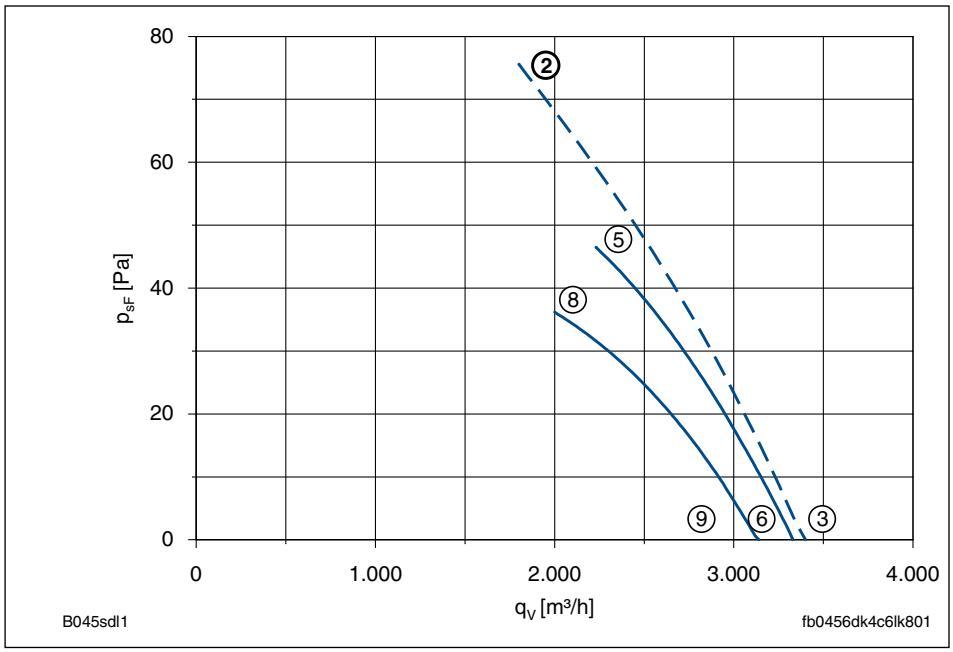
# FB045-SD_.4C.V4L

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,15/0,1** | kW |
| I | **0,45/0,23** | A |
| n | **920/730** | $min^{-1}$ |
| $I_A$ | 1,2/0,4 | A |
| ΔI | 1,5 | % |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **W** | **$min^{-1}$** |
| ② | **400** | **0,45** | **150** | **920** |
| ③ | Δ | 0,45 | 115 | 960 |
| ⑤ | 400 | 0,45 | 130 | 650 |
| ⑥ | Δ | 0,44 | 105 | 970 |
| ⑧ | 400 | 0,19 | 86 | 850 |
| ⑨ | Y | 0,17 | 65 | 910 |

$p_{d2} = 1{,}8 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 69 | 63 | 62 | 60 | 61 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB045-SDA.4C.V4L** | **124 686** | **A** | V | 5,8 kg | 108XA | L-KL-8806 | 6/2/6 |
| **FB045-SDK.4C.V4L** | **124 177** | **K** | V | 7,7 kg | 108XA | L-KL-8807 | 6/2/9 |

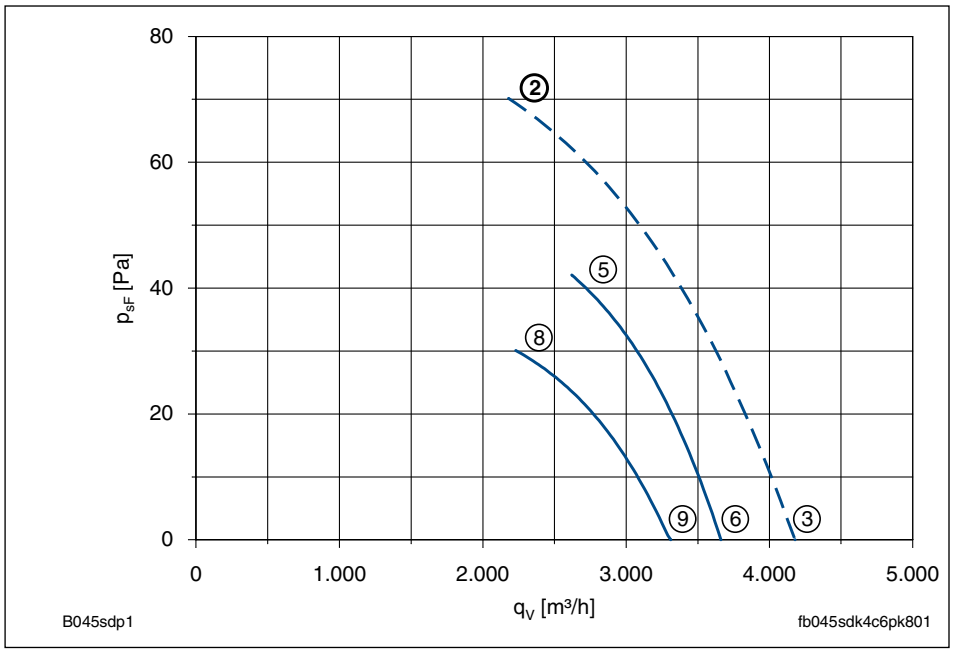
# FB045-SD_.4C.V4P

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,19/0,13** | kW |
| I | **0,53/0,28** | A |
| n | **920/750** | $min^{-1}$ |
| $I_A$ | 1,25/0,42 | A |
| ΔI | 0 | % |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **A** | **$min^{-1}$** |
| ② | **400** | **0,53** | **190** | **920** |
| ③ | Δ | 0,46 | 130 | 950 |
| ⑤ | 400 | 0,49 | 150 | 940 |
| ⑥ | Δ | 0,48 | 130 | 950 |
| ⑧ | 400 | 0,22 | 100 | 820 |
| ⑨ | Y | 0,2 | 85 | 860 |

$p_{d2} = 1{,}8 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 69 | 65 | 64 | 62 | 62 |

gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB045-SDA.4C.V4P** | **122 591** | **A** | V | 5,8 kg | 108XA | L-KL-8806 | 6/2/6 |
| **FB045-SDK.4C.V4P** | **209 092** | **K** | V | 7,7 kg | 108XA | L-KL-8807 | 6/2/9 |

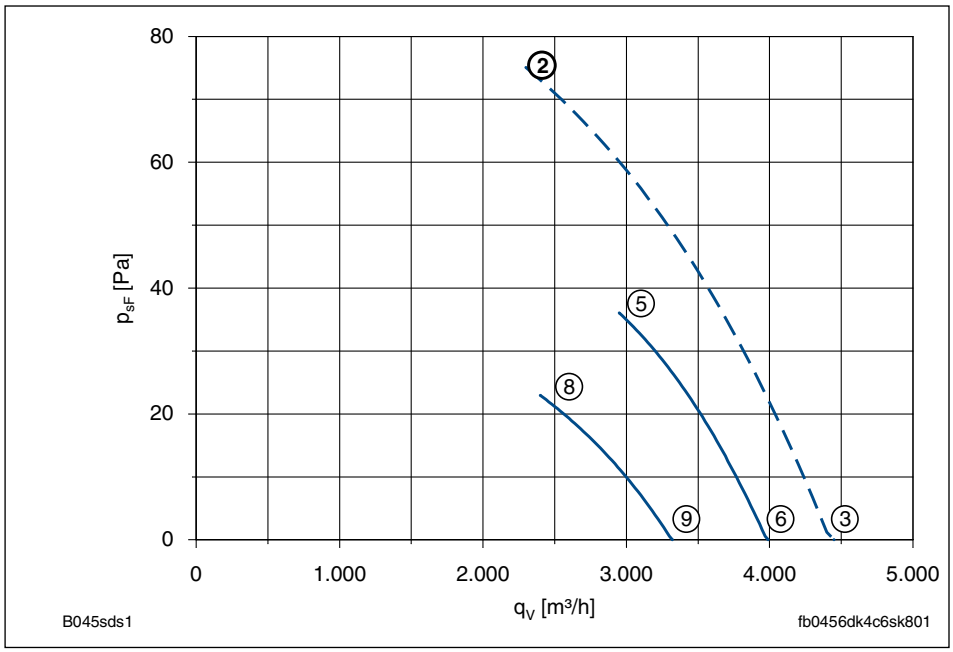
# FB045-SD_.4C.V4S

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,23/0,14** | kW |
| I | **0,56/0,3** | A |
| n | **885/600** | $min^{-1}$ |
| $I_A$ | 1,5/0,5 | A |
| ΔI | 0 | % |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **W** | **$min^{-1}$** |
| ② | **400** | **0,56** | **230** | **885** |
| ③ | Δ | 0,5 | 160 | 930 |
| ⑤ | 400 | 0,53 | 180 | 910 |
| ⑥ | Δ | 0,51 | 165 | 930 |
| ⑧ | 400 | 0,25 | 115 | 740 |
| ⑨ | Y | 0,23 | 105 | 770 |

$p_{d2} = 1{,}8 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 71 | 71 | 67 | 66 | 63 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB045-SDA.4C.V4S** | **120 030** | **A** | V | 5,8 kg | 108XA | L-KL-8806 | 6/2/6 |
| **FB045-SDK.4C.V4S** | **121 958** | **K** | V | 7,7 kg | 108XA | L-KL-8807 | 6/2/9 |

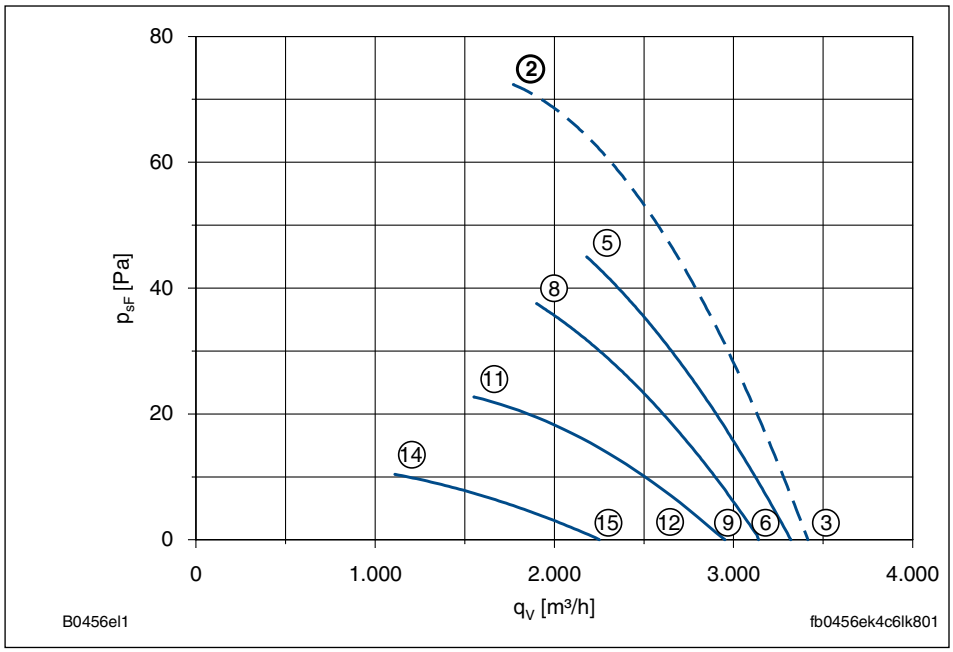
# FB045-6E_.4C.V4L

## Leistungsdaten
## *Performance data*

**1~ 230V ±10% 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,17** | kW |
| I | **0,80** | A |
| n | **890** | $min^{-1}$ |
| $I_A$ | 1,6 | A |
| ΔI | 0 | % |
| $C_{400V}$ | 5 | µF |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | V | A | A | $min^{-1}$ |
| ② | **230** | **0,80** | **170** | **890** |
| ③ | | 0,65 | 130 | 940 |
| ⑤ | 230 | 0,68 | 140 | 920 |
| ⑥ | | 0,62 | 120 | 950 |
| ⑧ | 160 | 0,64 | 94 | 830 |
| ⑨ | | 0,50 | 74 | 900 |
| ⑪ | 130 | 0,66 | 76 | 670 |
| ⑫ | | 0,51 | 61 | 840 |
| ⑭ | 105 | 0,61 | 55 | 490 |
| ⑮ | | 0,55 | 52 | 660 |

$p_{d2} = 1{,}8 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ | ⑪ | ⑫ | ⑭ | ⑮ |
|---|---|---|---|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 65 | 69 | 63 | 67 | 62 | 61 | 59 | | |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB045-6EA.4C.V4L** | **124 691** | **A** | V | 5,8 kg | 104XA | L-KL-8806 | 6/2/6 |
| **FB045-6EK.4C.V4L** | **124 182** | **K** | V | 7,7 kg | 104XA | L-KL-8807 | 6/2/9 |

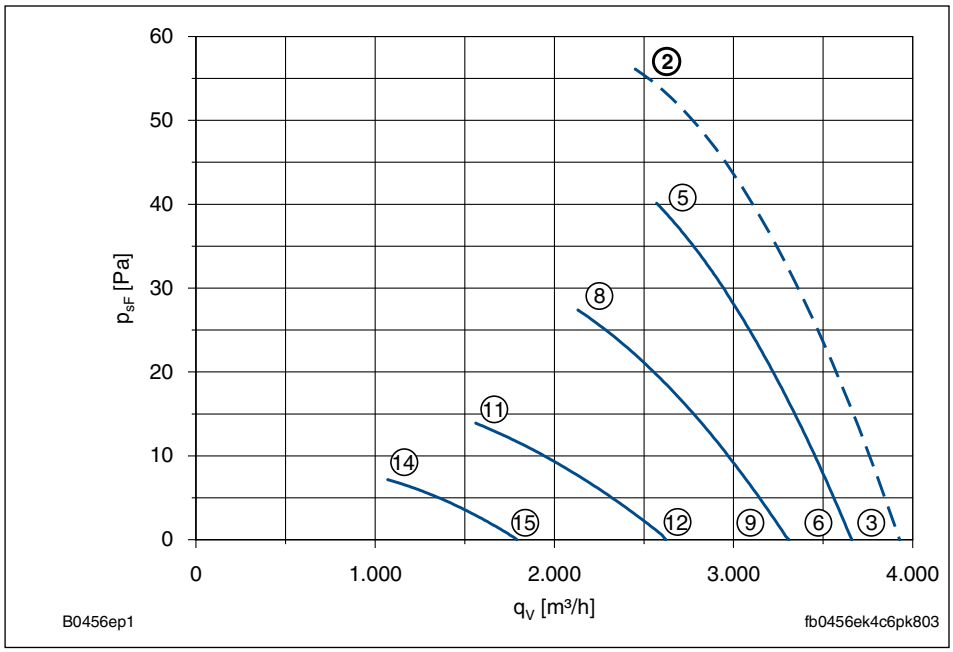
# FB045-6E_.4C.V4P

## Leistungsdaten
## *Performance data*

**1~ 230V ±10% 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,19** | kW |
| I | **0,90** | A |
| n | **850** | $min^{-1}$ |
| $I_A$ | 1,6 | A |
| ΔI | 0 | % |
| $C_{400V}$ | 5 | µF |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **W** | **$min^{-1}$** |
| ② | **230** | **0,90** | **190** | **850** |
| ③ | | 0,73 | 145 | 910 |
| ⑤ | 230 | 0,75 | 155 | 910 |
| ⑥ | | 0,69 | 135 | 930 |
| ⑧ | 160 | 0,74 | 110 | 780 |
| ⑨ | | 0,64 | 94 | 830 |
| ⑪ | 130 | 0,74 | 83 | 540 |
| ⑫ | | 0,68 | 80 | 670 |
| ⑭ | 105 | 0,62 | 56 | 380 |
| ⑮ | | 0,61 | 55 | 460 |

$p_{d2} = 1{,}8 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ | ⑪ | ⑫ | ⑭ | ⑮ |
|---|---|---|---|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 67 | 66 | 65 | 60 | 62 | 54 | 57 | | |

- gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
  *measured in full bell mouth without guard grille in installation type A according to ISO 5801*
- gemessen in Kurzdüse mit druckseitigem Berührschutzgitter
  *measured in short bell mouth with guard grille on the pressure side*

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB045-6EA.4C.V4P** | **124 692** | **A** | V | 5,8 kg | 104XA | L-KL-8806 | 6/2/6 |
| **FB045-6EK.4C.V4P** | **124 183** | **K** | V | 7,7 kg | 104XA | L-KL-8807 | 6/2/9 |

FB

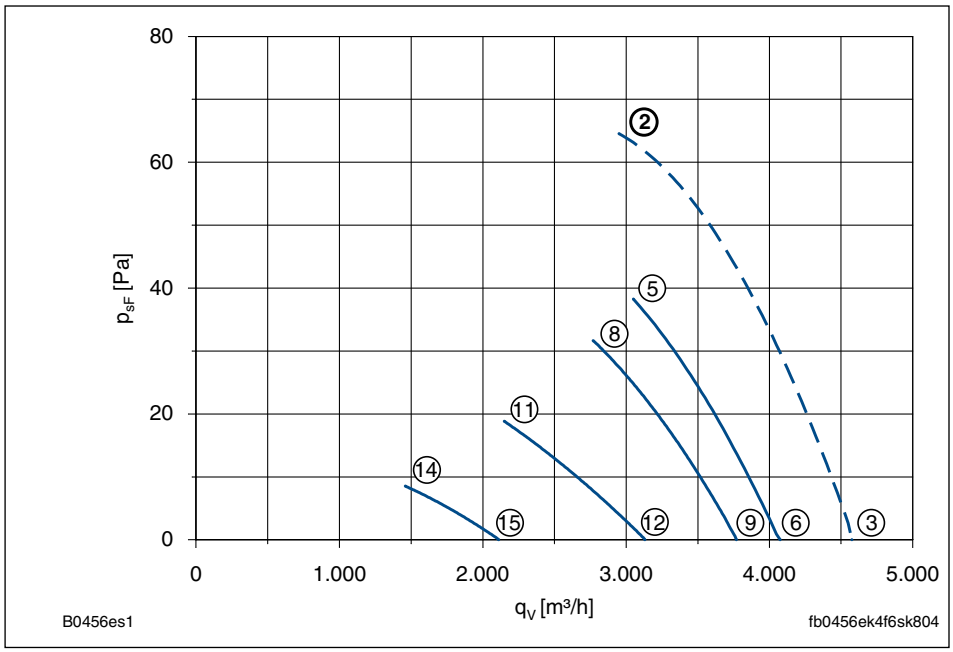
# FB045-6E_.4F.V4S

## Leistungsdaten
## *Performance data*

**1~ 230V ±10% 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,28** | kW |
| I | **1,25** | A |
| n | **870** | $min^{-1}$ |
| $I_A$ | 2,7 | A |
| ΔI | 0 | % |
| $C_{400V}$ | 8 | µF |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | V | A | A | $min^{-1}$ |
| ② | **230** | **1,25** | **280** | **870** |
| ③ | | 0,96 | 210 | 930 |
| ⑤ | 230 | 0,92 | 200 | 940 |
| ⑥ | | 0,87 | 190 | 950 |
| ⑧ | 160 | 0,94 | 145 | 850 |
| ⑨ | | 0,85 | 130 | 880 |
| ⑪ | 130 | 1,0 | 120 | 660 |
| ⑫ | | 0,93 | 115 | 740 |
| ⑭ | 105 | 0,9 | 83 | 450 |
| ⑮ | | 0,89 | 82 | 490 |

$p_{d2} = 1{,}8 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ | ⑪ | ⑫ | ⑭ | ⑮ |
|---|---|---|---|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 71 | 69 | 67 | 66 | 64 | 59 | 59 | | |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutzgitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB045-6EA.4F.V4S** | **124 693** | **A** | V | 7,3 kg | 104XA | L-KL-8806 | 6/2/6 |
| **FB045-6EK.4F.V4S** | **124 184** | **K** | V | 9,2 kg | 104XA | L-KL-8807 | 6/2/9 |

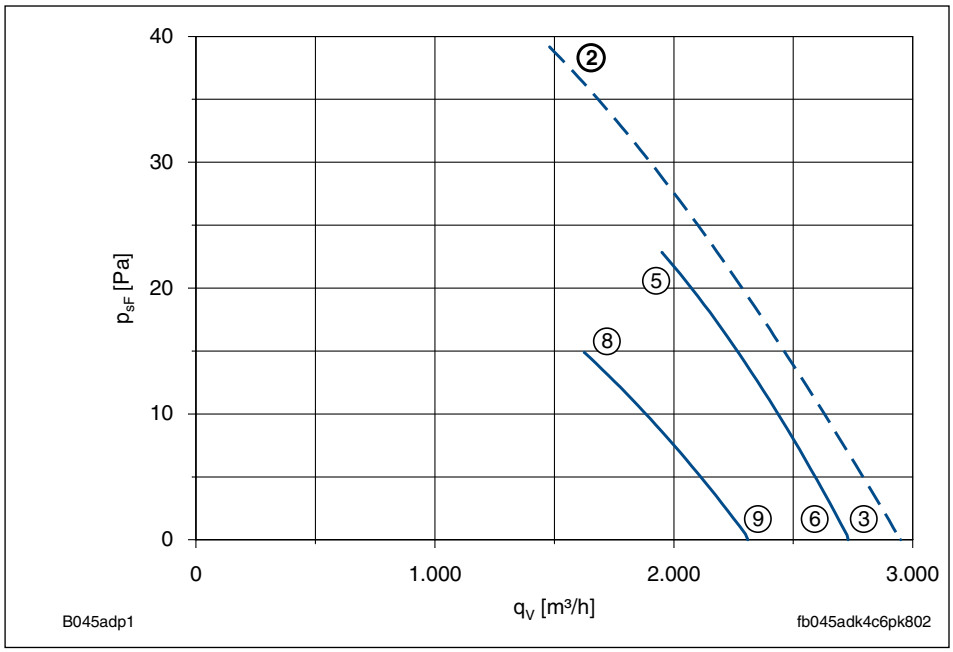
# FB045-AD_.4C.V4P

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,07/0,05** | kW |
| I | **0,17/0,09** | A |
| n | **660/510** | $min^{-1}$ |
| $I_A$ | 0,36/0,12 | A |
| ΔI | 0 | % |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **W** | **$min^{-1}$** |
| ② | **400** | **0,17** | **73** | **660** |
| ③ | Δ | 0,14 | 44 | 710 |
| ⑤ | 400 | 0,16 | 63 | 680 |
| ⑥ | Δ | 0,15 | 56 | 690 |
| ⑧ | 400 | 0,08 | 45 | 520 |
| ⑨ | Y | 0,07 | 36 | 590 |

$p_{d2} = 1{,}8 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| **$L_{WA}$** **dB** | | 61 | 57 | 56 | 52 | 53 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB045-ADA.4C.V4P** | **124 688** | **A** | V | 5,8 kg | 108XA | L-KL-8806 | 6/2/6 |
| **FB045-ADK.4C.V4P** | **124 179** | **K** | V | 7,7 kg | 108XA | L-KL-8807 | 6/2/9 |

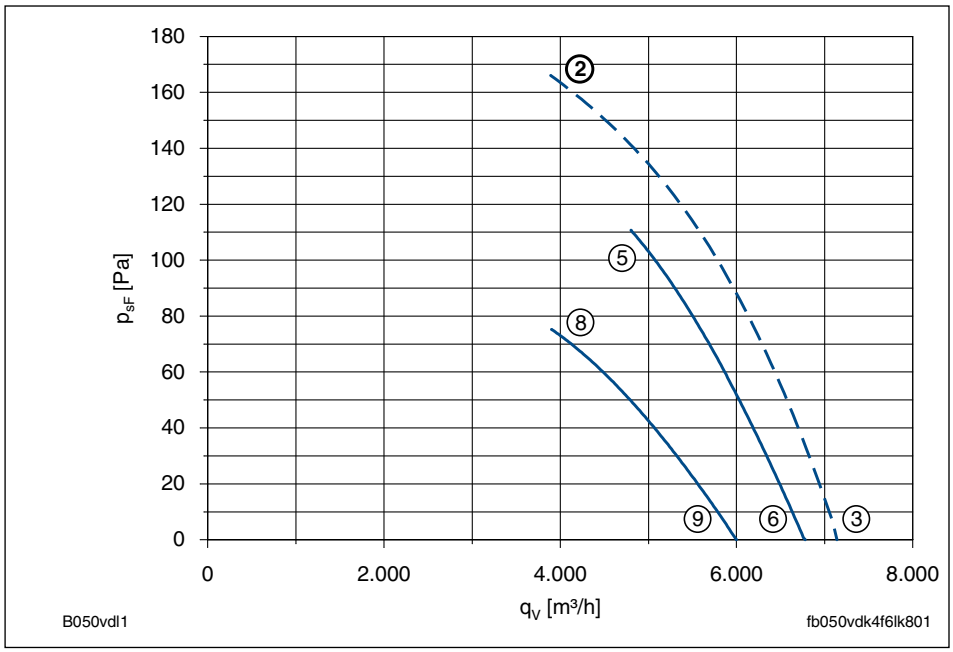
# FB050-VD_.4F.V4L

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,58/0,44** | kW |
| I | **1,05/0,71** | A |
| n | **1350/1030** | $min^{-1}$ |
| $I_A$ | 4,4/2,5 | A |
| ΔI | 2,5 | % |
| $t_{R②}$ | **55** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **A** | **$min^{-1}$** |
| ② | **400** | **1,05** | **580** | **1350** |
| ③ | Δ | 0,88 | 360 | 1410 |
| ⑤ | 400 | 0,98 | 480 | 1380 |
| ⑥ | Δ | 0,85 | 350 | 1420 |
| ⑧ | 400 | 0,62 | 360 | 1130 |
| ⑨ | Y | 0,48 | 280 | 1260 |

$p_{d2} = 1{,}17 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 76 | 76 | 76 | 72 | 73 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB050-VDA.4F.V4L** | **202 012** | **A** | V | 7,4 kg | 108XA | L-KL-8806 | 6/2/6 |
| **FB050-VDK.4F.V4L** | **124 186** | **K** | V | 9,5 kg | 108XA | L-KL-8807 | 6/2/9 |

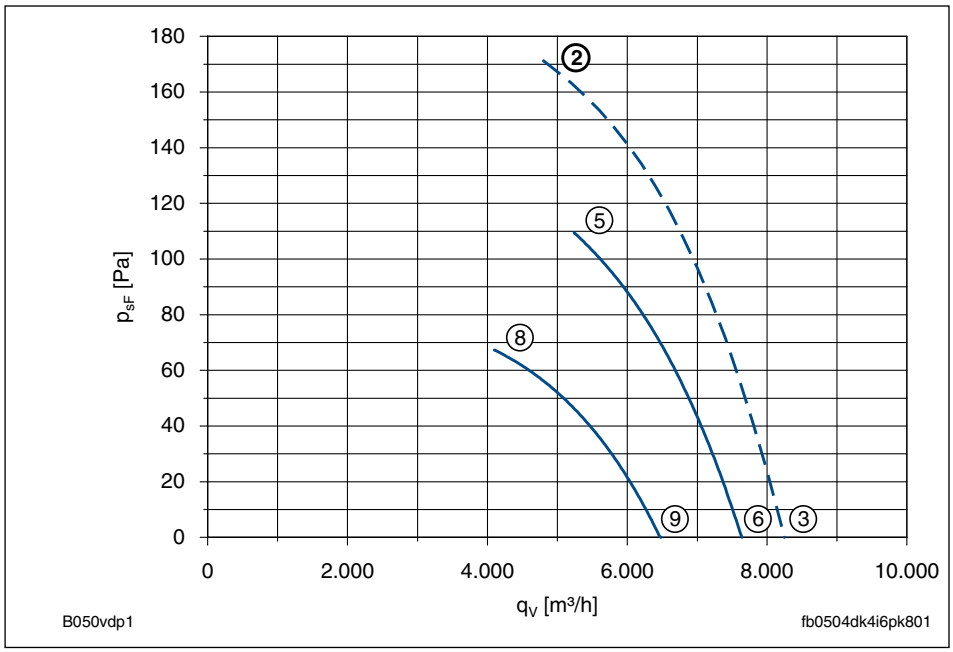
# FB050-VD_.4I.V4P

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,67/0,5** | kW |
| I | **1,2/0,79** | A |
| n | **1340/1070** | $min^{-1}$ |
| $I_A$ | 5,1/1,7 | A |
| ΔI | 20 | % |
| $t_{R②}$ | **55** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **W** | **$min^{-1}$** |
| ② | **400** | **1,2** | **670** | **1340** |
| ③ | Δ | 0,9 | 470 | 1390 |
| ⑤ | 400 | 1,05 | 590 | 1360 |
| ⑥ | Δ | 0,9 | 470 | 1390 |
| ⑧ | 400 | 0,78 | 460 | 1080 |
| ⑨ | Y | 0,66 | 390 | 1180 |

$p_{d2} = 1{,}17 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 80 | 79 | 78 | 73 | 74 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

### Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB050-VDA.4I.V4P** | **203 022** | **A** | V | 9,2 kg | 108XA | L-KL-8806 | 6/2/6 |
| **FB050-VDK.4I.V4P** | **210 543** | **K** | V | 11,3 kg | 108XA | L-KL-8807 | 6/2/9 |

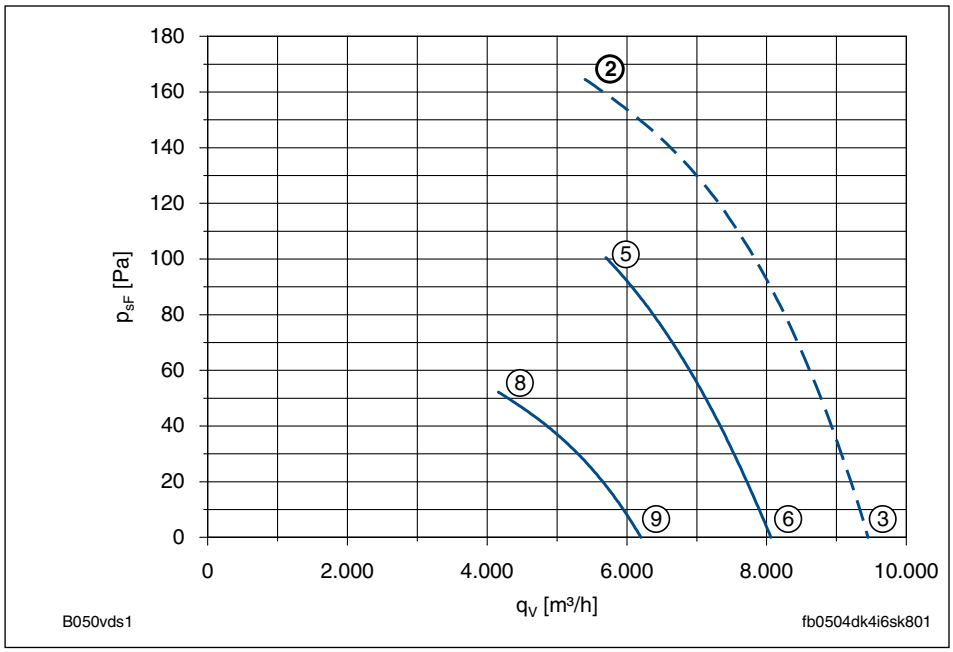
# FB050-VD_.4I.V4S

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,82/0,55** | kW |
| I | **1,5/0,95** | A |
| n | **1330/1030** | $min^{-1}$ |
| $I_A$ | 5,7/1,9 | A |
| ΔI | 10 | % |
| $t_{R②}$ | **50** | **°C** |
| $t_{R⑤}$ | 60 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **A** | **$min^{-1}$** |
| ② | **400** | **1,5** | **820** | **1330** |
| ③ | Δ | 1,35 | 690 | 1360 |
| ⑤ | 400 | 1,3 | 720 | 1340 |
| ⑥ | Δ | 1,15 | 630 | 1360 |
| ⑧ | 400 | 0,88 | 500 | 980 |
| ⑨ | Y | 0,79 | 460 | 1040 |

$p_{d2} = 1{,}17 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 83 | 81 | 80 | 72 | 73 |

- gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
  *measured in full bell mouth without guard grille in installation type A according to ISO 5801*
- gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
  *measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB050-VDA.4I.V4S** | **204 465** | **A** | V | 9,2 kg | 108XA | L-KL-8806 | 6/2/6 |
| **FB050-VDK.4I.V4S** | **107 557** | **K** | V | 11,3 kg | 108XA | L-KL-8807 | 6/2/9 |

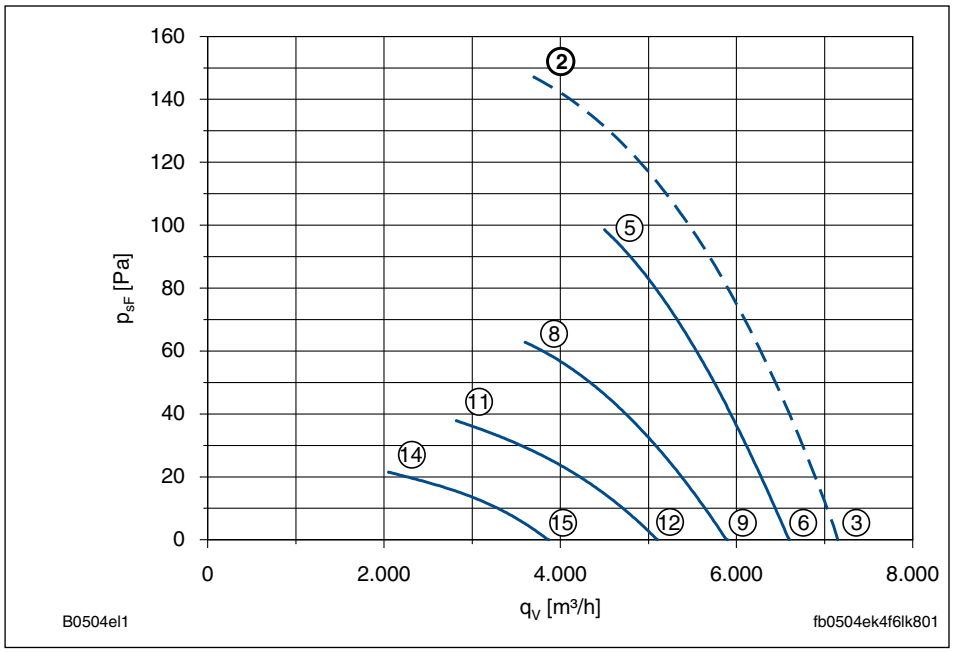
# FB050-4E_.4F.V4L

## Leistungsdaten
## *Performance data*

**1~ 230V ±10% 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,57** | kW |
| I | **2,5** | A |
| n | **1240** | $min^{-1}$ |
| $I_A$ | 3,6 | A |
| ΔI | 0 | % |
| $C_{400V}$ | 10 | µF |
| **$t_R$②** | **60** | **°C** |
| $t_R$⑤ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **W** | **$min^{-1}$** |
| ② | **230** | **2,5** | **570** | **1240** |
| ③ | | 1,8 | 380 | 1360 |
| ⑤ | 230 | 2,2 | 490 | 1300 |
| ⑥ | | 1,75 | 390 | 1370 |
| ⑧ | 160 | 2,3 | 350 | 1060 |
| ⑨ | | 1,8 | 290 | 1220 |
| ⑪ | 130 | 2,2 | 270 | 810 |
| ⑫ | | 1,9 | 240 | 1050 |
| ⑭ | 105 | 1,9 | 190 | 610 |
| ⑮ | | 1,8 | 180 | 790 |

$p_{d2} = 1{,}17 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ | ⑪ | ⑫ | ⑭ | ⑮ |
|---|---|---|---|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 75 | 75 | 76 | 70 | 73 | 64 | 69 | 57 | 62 |

- gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
  *measured in full bell mouth without guard grille in installation type A according to ISO 5801*
- gemessen in Kurzdüse mit druckseitigem Berührschutzgitter
  *measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB050-4EA.4F.V4L** | **107 162** | **A** | V | 7,4 kg | 104XA | L-KL-8806 | 6/2/6 |
| **FB050-4EK.4F.V4L** | **107 779** | **K** | V | 9,5 kg | 104XA | L-KL-8807 | 6/2/9 |

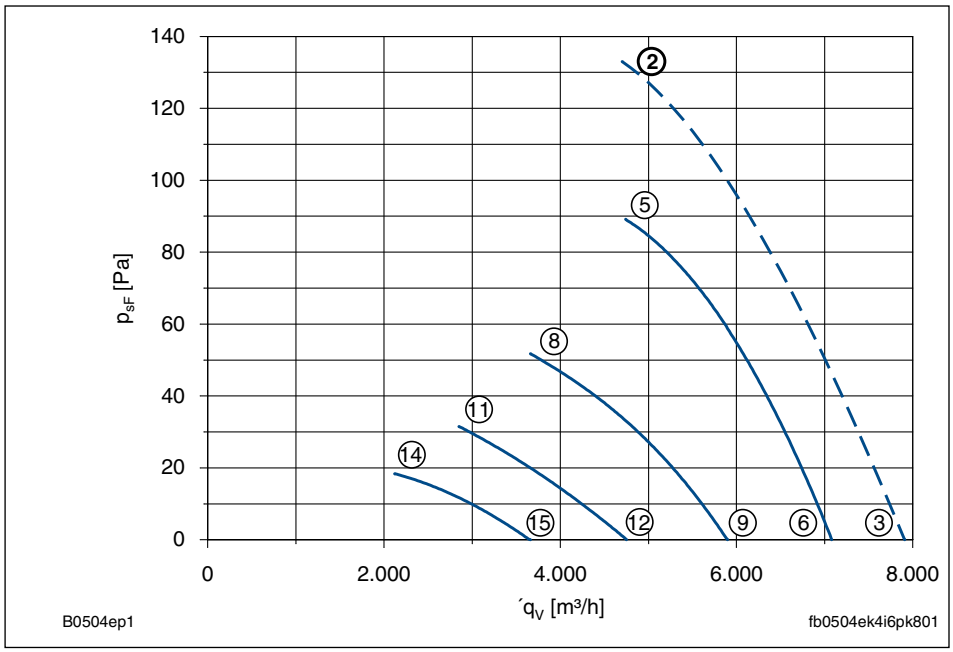
# FB050-4E_.4I.V4P

## Leistungsdaten
## *Performance data*

**1~ 230V ±10% 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,64** | kW |
| I | **2,8** | A |
| n | **1180** | $min^{-1}$ |
| $I_A$ | 4,1 | A |
| ΔI | 0 | % |
| $C_{400V}$ | 10 | µF |
| **$t_R$②** | **60** | **°C** |
| $t_R$⑤ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | V | A | A | $min^{-1}$ |
| ② | **230** | **2,8** | **640** | **1180** |
| ③ | | 2,0 | 460 | 1300 |
| ⑤ | 230 | 2,4 | 540 | 1240 |
| ⑥ | | 2,0 | 450 | 1310 |
| ⑧ | 160 | 2,5 | 380 | 960 |
| ⑨ | | 2,2 | 340 | 1090 |
| ⑪ | 130 | 2,3 | 280 | 750 |
| ⑫ | | 2,1 | 260 | 870 |
| ⑭ | 105 | 2,0 | 200 | 580 |
| ⑮ | | 1,95 | 190 | 670 |

$p_{d2} = 1{,}17 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ | ⑪ | ⑫ | ⑭ | ⑮ |
|---|---|---|---|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 80 | 77 | 77 | 70 | 72 | 64 | 66 | 58 | 57 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB050-4EA.4I.V4P** | **107 266** | **A** | V | 9,2 kg | 104XA | L-KL-8806 | 6/2/6 |
| **FB050-4EK.4I.V4P** | **201 702** | **K** | V | 11,3 kg | 104XA | L-KL-8807 | 6/2/9 |

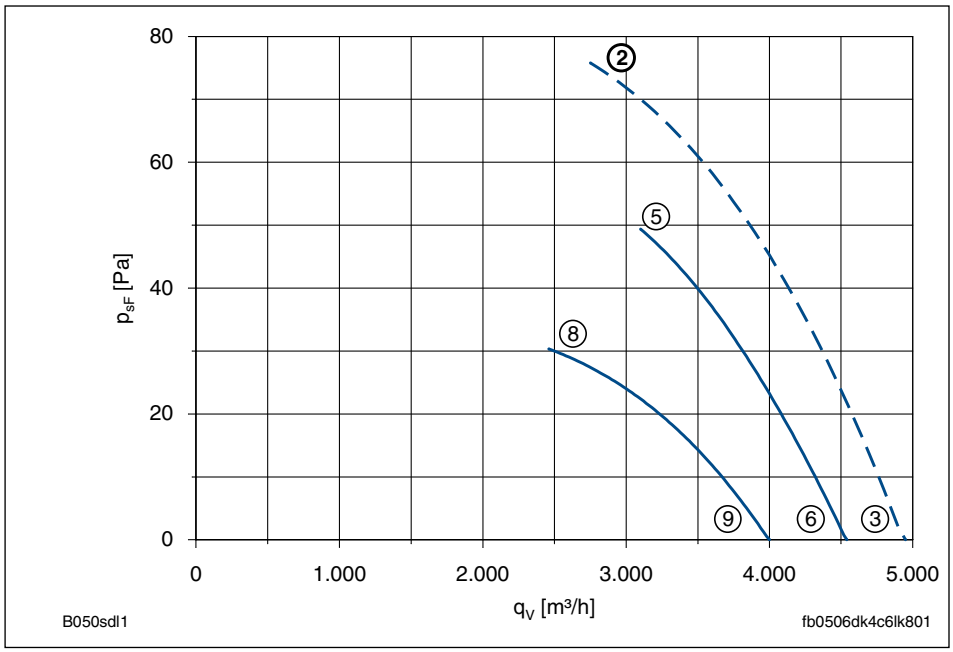
# FB050-SD_.4C.V4L

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,21/0,14** | kW |
| I | **0,55/0,3** | A |
| n | **920/700** | $min^{-1}$ |
| $I_A$ | 1,5/0,5 | A |
| ΔI | 0 | % |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **W** | **$min^{-1}$** |
| ② | **400** | **0,55** | **210** | **920** |
| ③ | Δ | 0,48 | 140 | 950 |
| ⑤ | 400 | 0,51 | 180 | 920 |
| ⑥ | Δ | 0,48 | 140 | 940 |
| ⑧ | 400 | 0,25 | 115 | 730 |
| ⑨ | Y | 0,21 | 93 | 830 |

$p_{d2} = 1{,}17 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 66 | 66 | 66 | 61 | 63 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB050-SDA.4C.V4L** | **124 694** | **A** | V | 6,0 kg | 108XA | L-KL-8806 | 6/2/6 |
| **FB050-SDK.4C.V4L** | **124 187** | **K** | V | 8,1 kg | 108XA | L-KL-8807 | 6/2/9 |

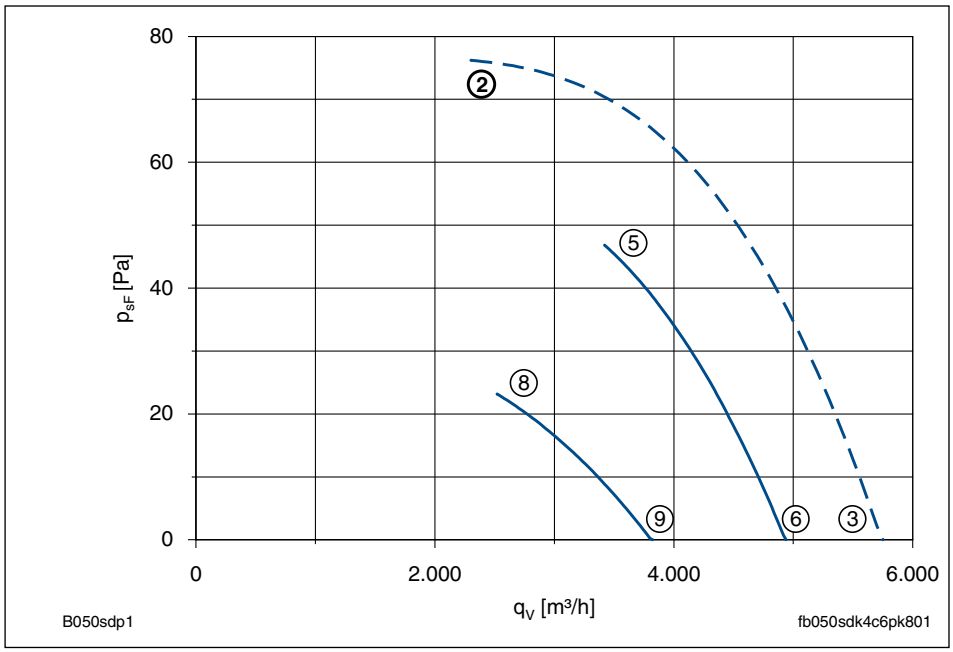
# FB050-SD_.4C.V4P

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

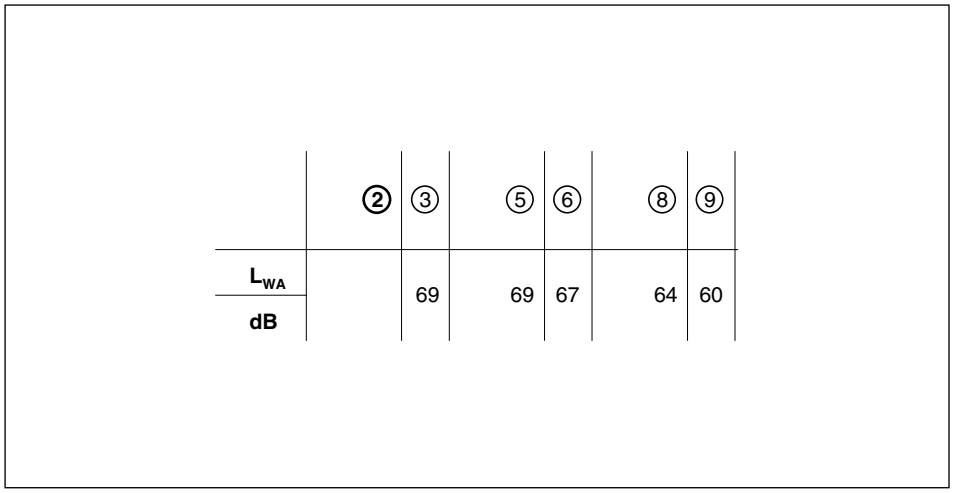
| | | |
|---|---|---|
| $P_1$ | **0,24/0,14** | kW |
| I | **0,55/0,29** | A |
| n | **880/620** | $min^{-1}$ |
| $I_A$ | 1,5/0,5 | A |
| ΔI | 0 | % |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **A** | **$min^{-1}$** |
| ② | **400** | **0,55** | **240** | **880** |
| ③ | Δ | 0,49 | 175 | 930 |
| ⑤ | 400 | 0,55 | 220 | 890 |
| ⑥ | Δ | 0,52 | 190 | 910 |
| ⑧ | 400 | 0,27 | 130 | 630 |
| ⑨ | Y | 0,25 | 120 | 700 |

$p_{d2} = 1{,}17 \cdot 10^{-6} \cdot q_V^2$



| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 69 | 69 | 67 | 64 | 60 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB050-SDA.4C.V4P** | **124 695** | **A** | V | 6,0 kg | 108XA | L-KL-8806 | 6/2/6 |
| **FB050-SDK.4C.V4P** | **210 542** | **K** | V | 8,1 kg | 108XA | L-KL-8807 | 6/2/9 |

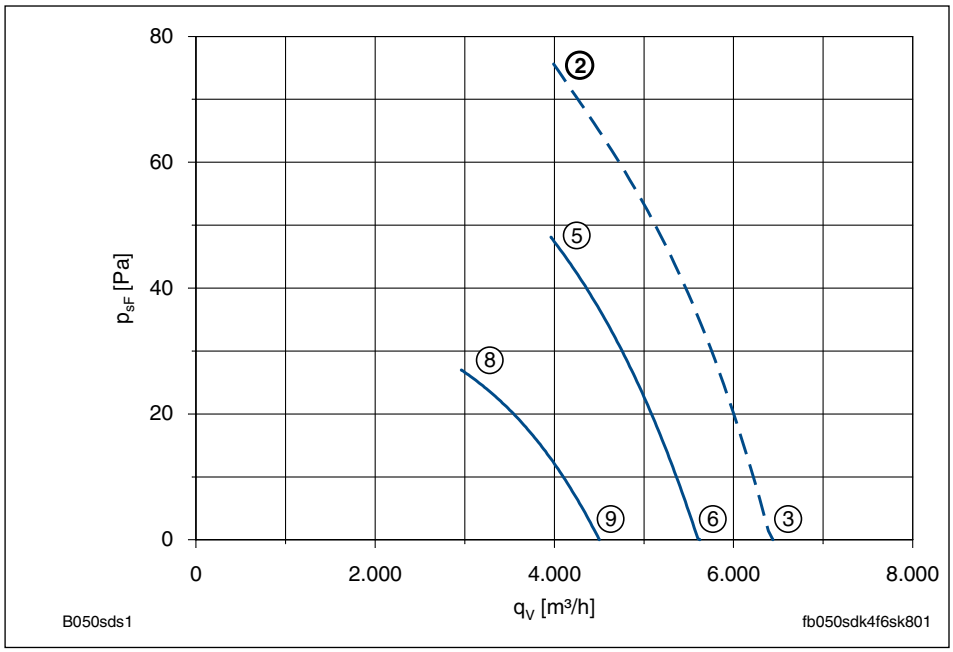
# FB050-SD_.4F.V4S

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,31/0,19** | kW |
| I | **0,72/0,39** | A |
| n | **880/640** | $min^{-1}$ |
| $I_A$ | 1,85/0,62 | A |
| ΔI | 0 | % |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **W** | **$min^{-1}$** |
| ② | **400** | **0,72** | **310** | **880** |
| ③ | Δ | 0,63 | 230 | 930 |
| ⑤ | 400 | 0,67 | 280 | 910 |
| ⑥ | Δ | 0,64 | 250 | 920 |
| ⑧ | 400 | 0,38 | 190 | 700 |
| ⑨ | Y | 0,36 | 175 | 750 |

$p_{d2} = 1{,}17 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 73 | 72 | 71 | 64 | 65 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB050-SDA.4F.V4S** | **120 027** | **A** | V | 7,4 kg | 108XA | L-KL-8806 | 6/2/6 |
| **FB050-SDK.4F.V4S** | **124 388** | **K** | V | 9,5 kg | 108XA | L-KL-8807 | 6/2/9 |

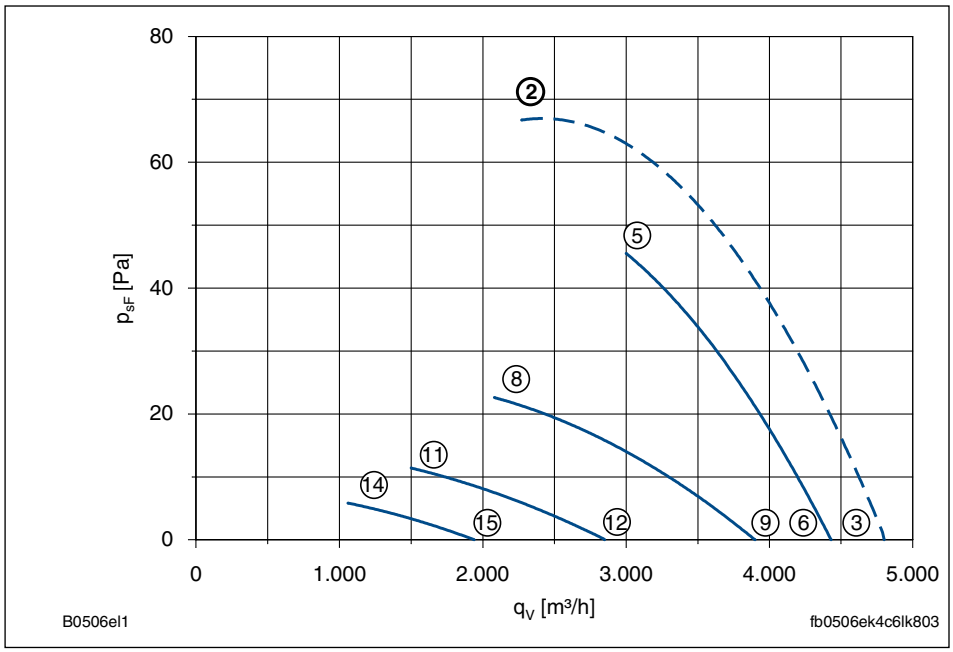
# FB050-6E_.4C.V4L

## Leistungsdaten
## *Performance data*

**1~ 230V ±10% 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,20** | kW |
| I | **0,96** | A |
| n | **820** | $min^{-1}$ |
| $I_A$ | 1,6 | A |
| ΔI | 5 | % |
| $C_{400V}$ | 5 | µF |
| **$t_{R②}$** | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **A** | **$min^{-1}$** |
| ② | **230** | **0,96** | **200** | **820** |
| ③ | | 0,77 | 160 | 900 |
| ⑤ | 230 | 0,83 | 175 | 880 |
| ⑥ | | 0,71 | 145 | 920 |
| ⑧ | 160 | 0,85 | 125 | 630 |
| ⑨ | | 0,69 | 105 | 800 |
| ⑪ | 130 | 0,76 | 85 | 420 |
| ⑫ | | 0,71 | 82 | 590 |
| ⑭ | 105 | 0,62 | 56 | 320 |
| ⑮ | | 0,61 | 55 | 410 |

$p_{d2} = 1{,}17 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | | ⑨ | ⑪ | ⑫ | ⑭ | ⑮ |
|---|---|---|---|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 64 | 66 | 65 | | 56 | 62 | 57 | 56 | |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB050-6EA.4C.V4L** | **124 698** | **A** | V | 6,0 kg | 104XA | L-KL-8806 | 6/2/6 |
| **FB050-6EK.4C.V4L** | **124 189** | **K** | V | 8,1 kg | 104XA | L-KL-8807 | 6/2/9 |

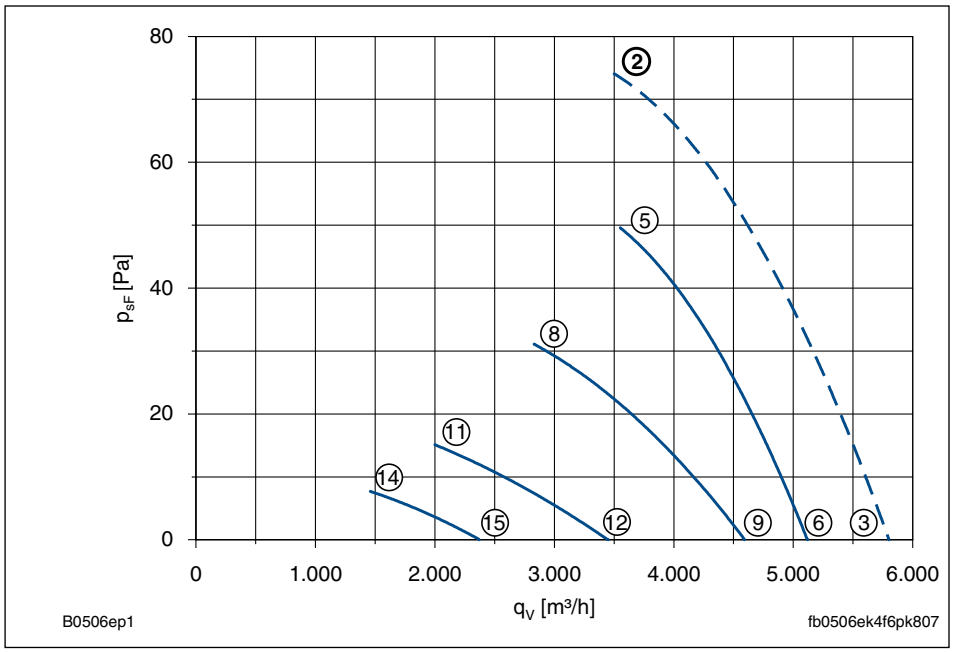
# FB050-6E_.4F.V4P

## Leistungsdaten
## *Performance data*

**1~ 230V ±10% 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,28** | kW |
| I | **1,25** | A |
| n | **870** | $min^{-1}$ |
| $I_A$ | 2,7 | A |
| ΔI | 0 | % |
| $C_{400V}$ | 8 | µF |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **W** | **$min^{-1}$** |
| ② | **230** | **1,25** | **280** | **870** |
| ③ | | 0,96 | 210 | 930 |
| ⑤ | 230 | 1,05 | 230 | 910 |
| ⑥ | | 0,92 | 200 | 930 |
| ⑧ | 160 | 1,15 | 170 | 740 |
| ⑨ | | 0,96 | 145 | 830 |
| ⑪ | 130 | 1,1 | 125 | 490 |
| ⑫ | | 1,05 | 120 | 630 |
| ⑭ | 105 | 0,90 | 83 | 370 |
| ⑮ | | 0,89 | 82 | 440 |

$p_{d2} = 1{,}17 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ | ⑪ | ⑫ | ⑭ | ⑮ |
|---|---|---|---|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 69 | 69 | 68 | 63 | 65 | 57 | 58 | | |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutzgitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB050-6EA.4F.V4P** | **124 699** | **A** | V | 7,4 kg | 104XA | L-KL-8806 | 6/2/6 |
| **FB050-6EK.4F.V4P** | **124 190** | **K** | V | 9,5 kg | 104XA | L-KL-8807 | 6/2/9 |

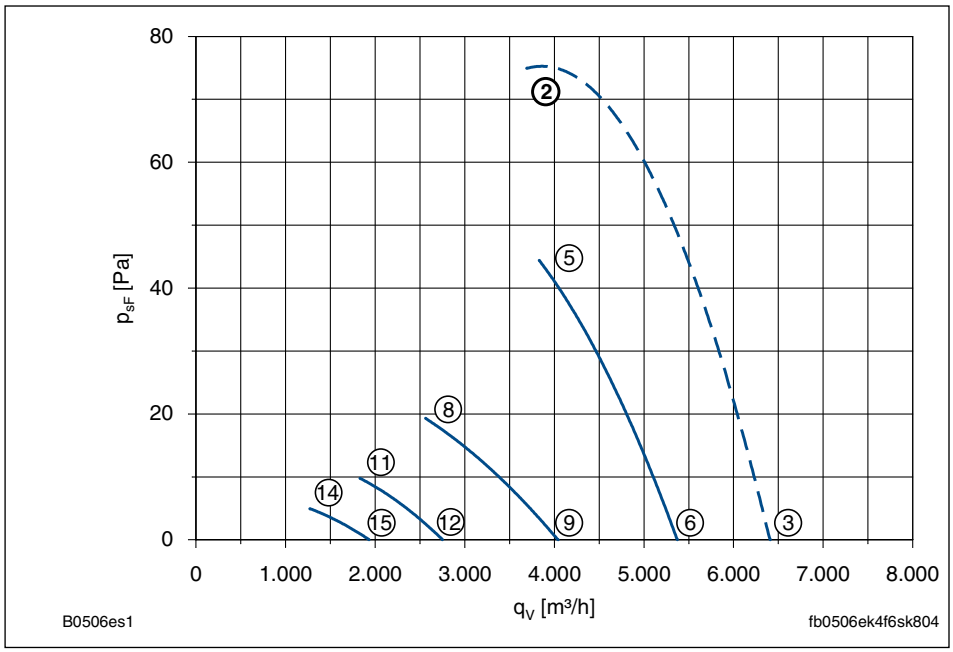
# FB050-6E_.4F.V4S

## Leistungsdaten
## *Performance data*

**1~ 230V ±10% 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,29** | kW |
| I | **1,35** | A |
| n | **850** | $min^{-1}$ |
| $I_A$ | 2,7 | A |
| ΔI | 0 | % |
| $C_{400V}$ | 8 | µF |
| **$t_{R②}$** | **65** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **A** | **$min^{-1}$** |
| ② | **230** | **1,35** | **290** | **850** |
| ③ | | 1,15 | 250 | 900 |
| ⑤ | 230 | 1,2 | 270 | 880 |
| ⑥ | | 1,1 | 240 | 910 |
| ⑧ | 160 | 1,3 | 190 | 570 |
| ⑨ | | 1,25 | 180 | 670 |
| ⑪ | 130 | 1,1 | 130 | 410 |
| ⑫ | | 1,1 | 125 | 460 |
| ⑭ | 105 | 0,91 | 83 | 280 |
| ⑮ | | 0,90 | 82 | 340 |

$p_{d2} = 1{,}17 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ | ⑪ | ⑫ | ⑭ | ⑮ |
|---|---|---|---|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 72 | 70 | 70 | 59 | 62 | 55 | 55 | | |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB050-6EA.4F.V4S** | **124 700** | **A** | V | 7,4 kg | 104XA | L-KL-8806 | 6/2/6 |
| **FB050-6EK.4F.V4S** | **124 191** | **K** | V | 9,5 kg | 104XA | L-KL-8807 | 6/2/9 |

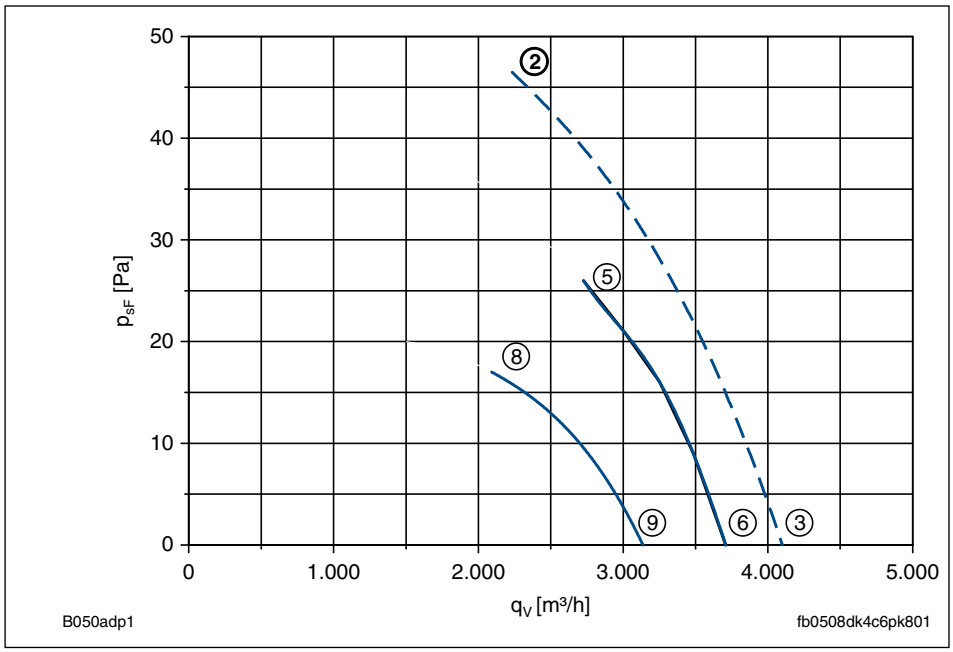
# FB050-AD_.4C.V4P

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,12/0,08** | kW |
| I | **0,3/0,15** | A |
| n | **670/520** | $min^{-1}$ |
| $I_A$ | 0,51/0,17 | A |
| ΔI | 0 | % |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **W** | **$min^{-1}$** |
| ② | **400** | **0,3** | **115** | **670** |
| ③ | Δ | 0,26 | 92 | 690 |
| ⑤ | 400 | 0,27 | 105 | 680 |
| ⑥ | Δ | 0,26 | 92 | 690 |
| ⑧ | 400 | 0,13 | 66 | 550 |
| ⑨ | Y | 0,11 | 60 | 590 |

$p_{d2} = 1{,}17 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 62 | 63 | 60 | 59 | 57 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB050-ADA.4C.V4P** | **124 697** | **A** | V | 6,0 kg | 108XA | L-KL-8806 | 6/2/6 |
| **FB050-ADK.4C.V4P** | **124 188** | **K** | V | 8,1 kg | 108XA | L-KL-8807 | 6/2/9 |

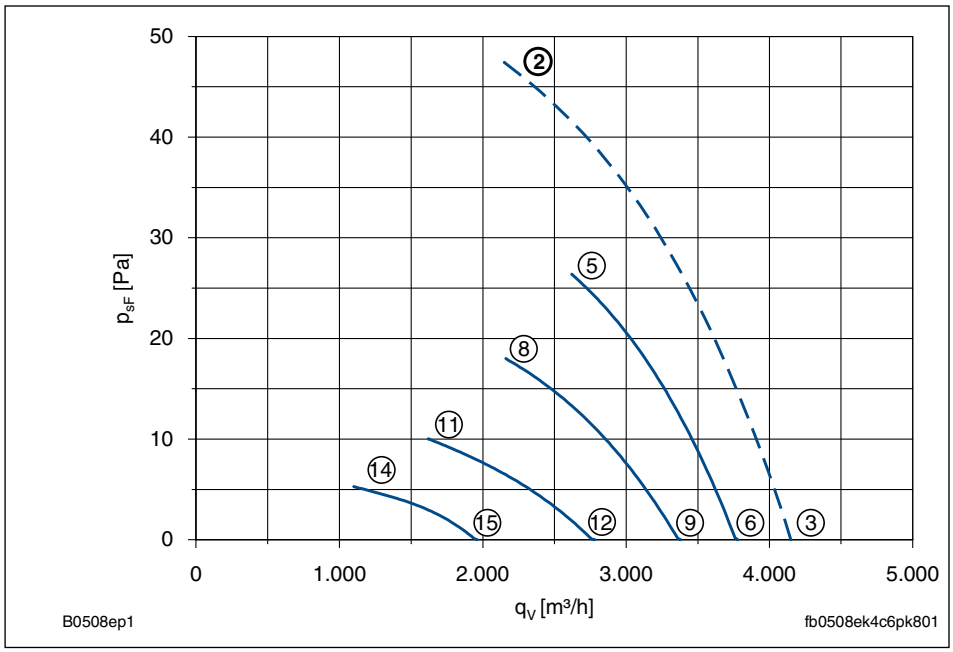
# FB050-8E_.4C.V4P

## Leistungsdaten
## *Performance data*

**1~ 230V ±10% 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,15** | kW |
| I | **0,66** | A |
| n | **670** | $min^{-1}$ |
| $I_A$ | 0,9 | A |
| ΔI | 0 | % |
| $C_{400V}$ | 3 | µF |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | V | A | A | $min^{-1}$ |
| ② | **230** | **0,66** | **150** | **670** |
| ③ | | 0,56 | 125 | 690 |
| ⑤ | 230 | 0,58 | 125 | 680 |
| ⑥ | | 0,54 | 115 | 690 |
| ⑧ | 160 | 0,55 | 81 | 560 |
| ⑨ | | 0,48 | 72 | 620 |
| ⑪ | 130 | 0,51 | 60 | 420 |
| ⑫ | | 0,48 | 58 | 510 |
| ⑭ | 105 | 0,44 | 41 | 310 |
| ⑮ | | 0,42 | 40 | 370 |

$p_{d2} = 1{,}17 \cdot 10^{-6} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ | ⑪ | ⑫ | ⑭ | ⑮ |
|---|---|---|---|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 62 | 65 | 60 | 59 | 57 | 52 | 57 | | |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB050-8EA.4C.V4P** | **107 241** | **A** | V | 6,0 kg | 104XA | L-KL-8806 | 6/2/6 |
| **FB050-8EK.4C.V4P** | **210 747** | **K** | V | 8,1 kg | 104XA | L-KL-8807 | 6/2/9 |

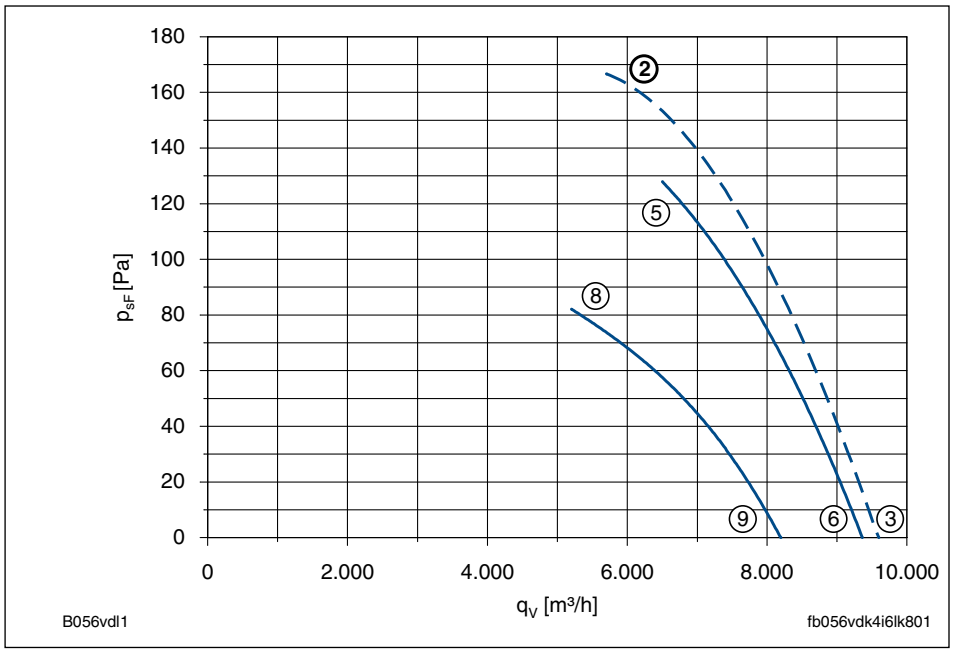
# FB056-VD_.4I._4L

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,84/0,64** | kW |
| I | **1,65/1,05** | A |
| n | **1360/1090** | $min^{-1}$ |
| $I_A$ | 6,0/2,0 | A |
| ΔI | 10 | % |
| $t_{R②}$ | **40** | **°C** |
| $t_{R⑤}$ | 50 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **W** | **$min^{-1}$** |
| ② | **400** | **1,65** | **840** | **1360** |
| ③ | Δ | 1,25 | 570 | 1410 |
| ⑤ | 400 | 1,45 | 760 | 1370 |
| ⑥ | Δ | 1,2 | 540 | 1420 |
| ⑧ | 400 | 0,97 | 580 | 1110 |
| ⑨ | Y | 0,76 | 450 | 1230 |

$p_{d2} = 7{,}7 \cdot 10^{-7} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 79 | 80 | 80 | 76 | 77 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

### Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB056-VDA.4I.A4L** | **132 415** | **A** | A | 9,3 kg | 108XB | L-KL-8804 | 6/2/2 |
| **FB056-VDW.4I.A4L** | **127 411** | **W** | A | 12,1 kg | 108XB | L-KL-8805 | 6/2/4 |
| **FB056-VDA.4I.V4L** | **124 701** | **A** | V | 9,3 kg | 108XA | L-KL-8806 | 6/2/7 |
| **FB056-VDK.4I.V4L** | **124 384** | **K** | V | 12,1 kg | 108XA | L-KL-8807 | 6/2/10 |

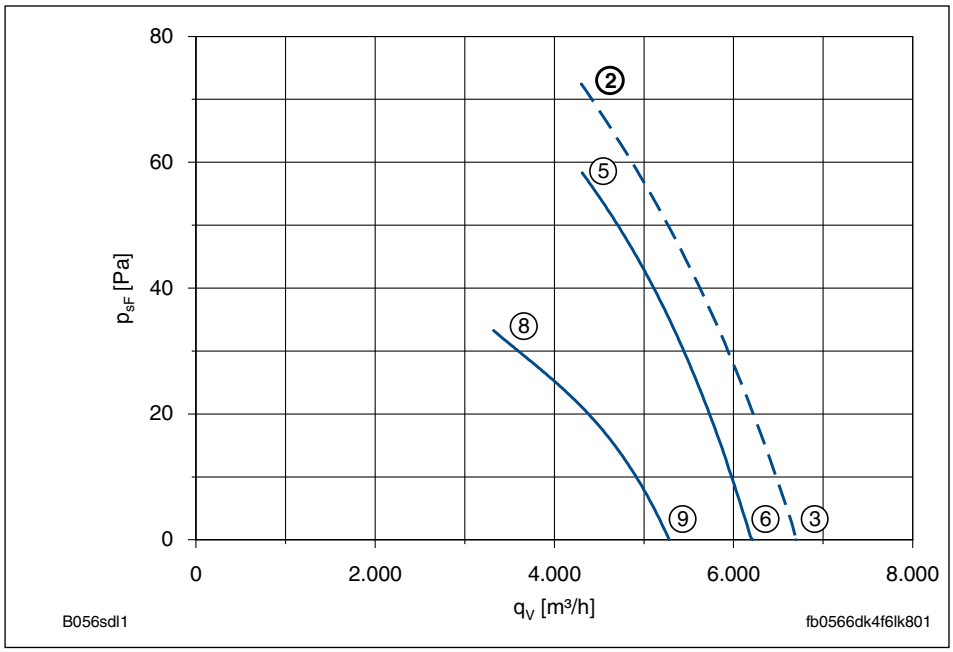
# FB056-SD_.4F._4L

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,31/0,2** | kW |
| I | **0,76/0,42** | A |
| n | **900/660** | $min^{-1}$ |
| $I_A$ | 1,8/0,6 | A |
| ΔI | 0 | % |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **A** | **$min^{-1}$** |
| ② | **400** | **0,76** | **310** | **900** |
| ③ | Δ | 0,65 | 200 | 950 |
| ⑤ | 400 | 0,68 | 270 | 920 |
| ⑥ | Δ | 0,65 | 200 | 950 |
| ⑧ | 400 | 0,38 | 180 | 690 |
| ⑨ | Y | 0,31 | 150 | 800 |

$$p_{d2} = 7{,}7 \cdot 10^{-7} \cdot q_V^{\,2}$$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 68 | 69 | 70 | 63 | 66 |

- gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
  *measured in full bell mouth without guard grille in installation type A according to ISO 5801*
- gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
  *measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB056-SDA.4F.A4L** | **132 417** | **A** | A | 7,5 kg | 108XB | L-KL-8804 | 6/2/2 |
| **FB056-SDW.4F.A4L** | **132 416** | **W** | A | 10,3 kg | 108XB | L-KL-8805 | 6/2/4 |
| **FB056-SDA.4F.V4L** | **124 679** | **A** | V | 7,5 kg | 108XA | L-KL-8806 | 6/2/7 |
| **FB056-SDK.4F.V4L** | **124 385** | **K** | V | 10,3 kg | 108XA | L-KL-8807 | 6/2/10 |

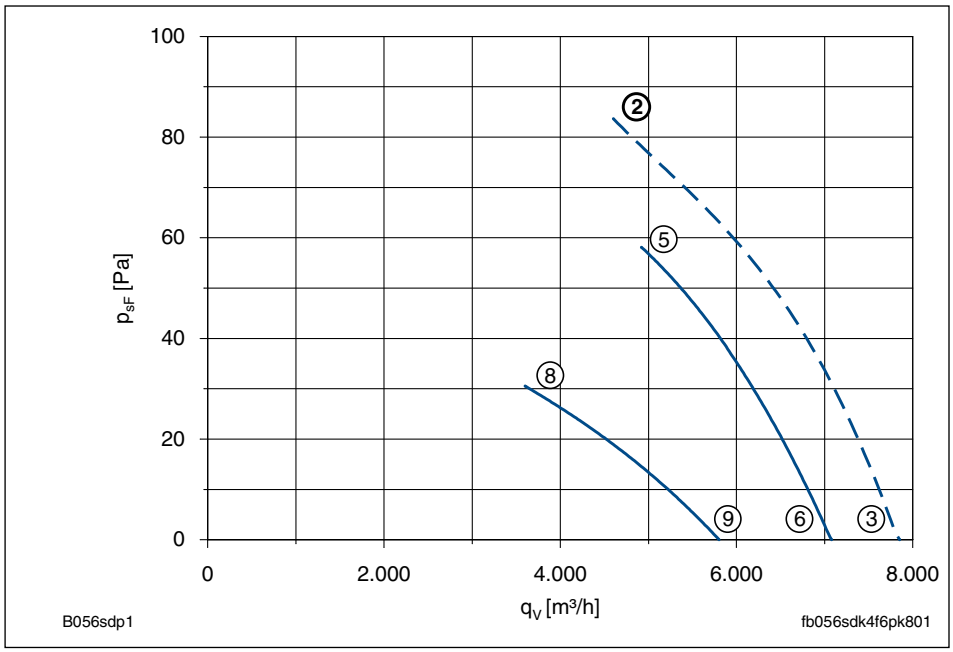
# FB056-SD_.4F._4P

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,41/0,25** | kW |
| I | **0,9/0,5** | A |
| n | **890/610** | $min^{-1}$ |
| $I_A$ | 2,3/0,75 | A |
| ΔI | 5 | % |
| $t_{R②}$ | **65** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **W** | **$min^{-1}$** |
| ② | **400** | **0,9** | **410** | **890** |
| ③ | Δ | 0,81 | 330 | 920 |
| ⑤ | 400 | 0,83 | 350 | 910 |
| ⑥ | Δ | 0,78 | 290 | 920 |
| ⑧ | 400 | 0,46 | 230 | 670 |
| ⑨ | Y | 0,42 | 210 | 760 |

$p_{d2} = 7{,}7 \cdot 10^{-7} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 73 | 72 | 71 | 66 | 66 |

gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB056-SDA.4F.A4P** | **132 329** | **A** | A | 7,5 kg | 108XB | L-KL-8804 | 6/2/2 |
| **FB056-SDW.4F.A4P** | **106 942** | **W** | A | 10,3 kg | 108XB | L-KL-8805 | 6/2/4 |
| **FB056-SDA.4F.V4P** | **122 611** | **A** | V | 7,5 kg | 108XA | L-KL-8806 | 6/2/7 |
| **FB056-SDK.4F.V4P** | **108 039** | **K** | V | 10,3 kg | 108XA | L-KL-8807 | 6/2/10 |

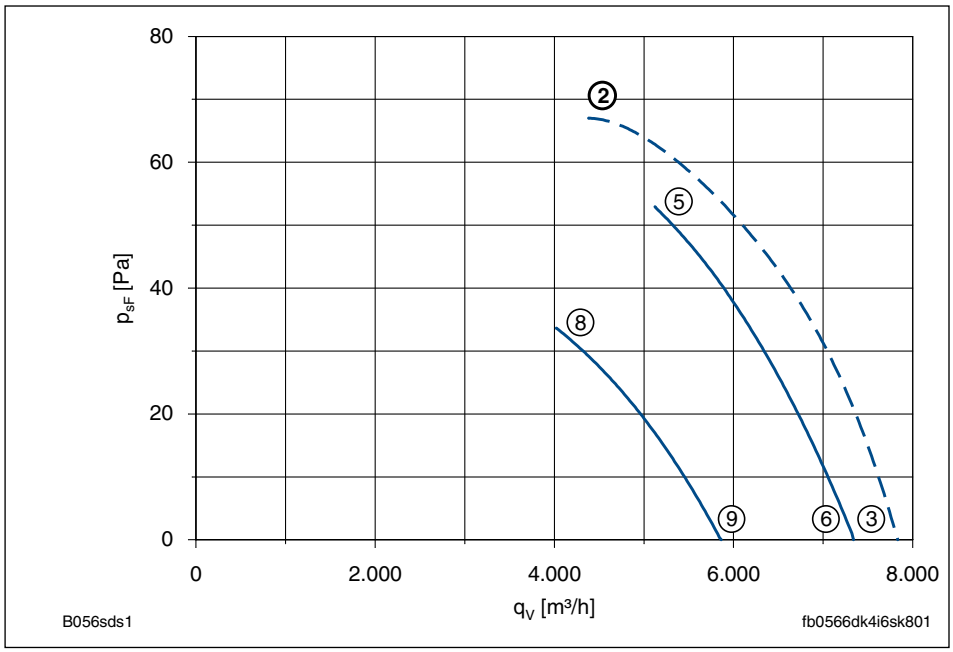
# FB056-SD_.4I.V4S

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,37/0,25** | kW |
| I | **0,7/0,42** | A |
| n | **870/670** | $min^{-1}$ |
| $I_A$ | 2,4/0,8 | A |
| ΔI | 10 | % |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **A** | **$min^{-1}$** |
| ② | **400** | **0,7** | **370** | **870** |
| ③ | Δ | 0,57 | 290 | 910 |
| ⑤ | 400 | 0,7 | 370 | 870 |
| ⑥ | Δ | 0,71 | 340 | 890 |
| ⑧ | 400 | 0,42 | 240 | 670 |
| ⑨ | Y | 0,41 | 230 | 710 |

$p_{d2} = 7{,}7 \cdot 10^{-7} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 72 | 73 | 72 | 66 | 66 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB056-SDA.4I.V4S** | **124 680** | **A** | V | 9,3 kg | 108XA | L-KL-8806 | 6/2/7 |
| **FB056-SDK.4I.V4S** | **124 386** | **K** | V | 12,1 kg | 108XA | L-KL-8807 | 6/2/10 |

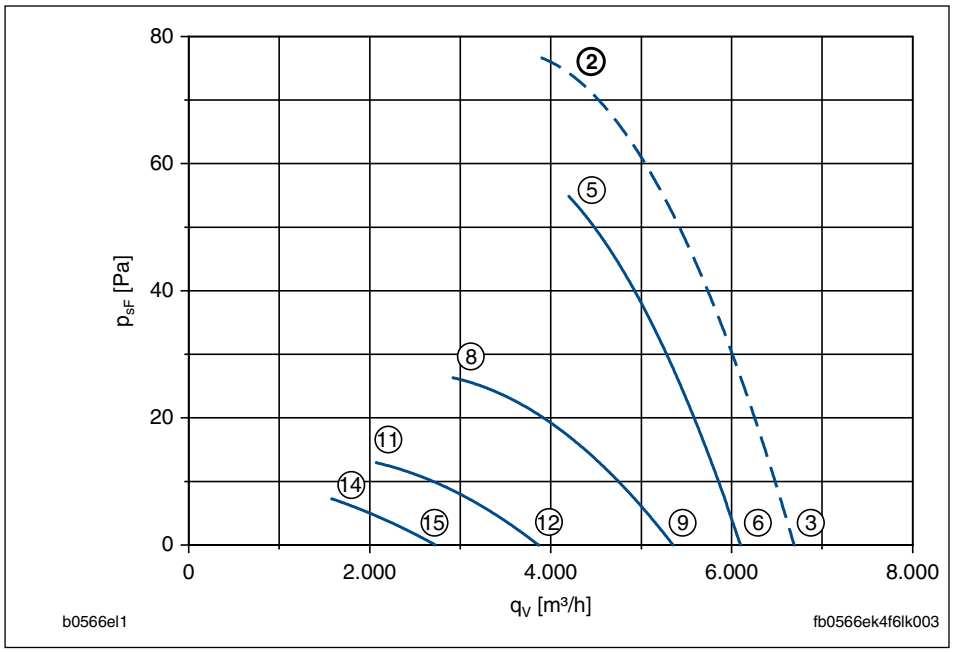
# FB056-6E_.4F._4L

## Leistungsdaten
## *Performance data*

**1~ 230V ±10% 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,28** | kW |
| I | **1,25** | A |
| n | **880** | $min^{-1}$ |
| $I_A$ | 2,7 | A |
| ΔI | 10 | % |
| $C_{400V}$ | 8 | µF |
| $t_{R②}$ | **65** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **W** | **$min^{-1}$** |
| ② | **230** | **1,25** | **280** | **880** |
| ③ | | 1,0 | 220 | 920 |
| ⑤ | 230 | 1,15 | 260 | 890 |
| ⑥ | | 0,93 | 210 | 930 |
| ⑧ | 160 | 1,25 | 185 | 610 |
| ⑨ | | 1,0 | 155 | 810 |
| ⑪ | 130 | 1,10 | 125 | 440 |
| ⑫ | | 1,05 | 120 | 580 |
| ⑭ | 105 | 0,90 | 83 | 330 |
| ⑮ | | 0,89 | 82 | 410 |

$p_{d2} = 7{,}7 \cdot 10^{-7} \cdot q_V^{\,2}$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ | ⑪ | ⑫ | ⑭ | ⑮ |
|---|---|---|---|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 68 | 69 | 70 | 64 | 66 | 55 | 58 | | |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutzgitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB056-6EA.4F.A4L** | **132 419** | **A** | A | 7,5 kg | 104XB | L-KL-8804 | 6/2/2 |
| **FB056-6EW.4F.A4L** | **132 418** | **W** | A | 10,3 kg | 104XB | L-KL-8805 | 6/2/4 |
| **FB056-6EA.4F.V4L** | **124 682** | **A** | V | 7,5 kg | 104XA | L-KL-8806 | 6/2/7 |
| **FB056-6EK.4F.V4L** | **124 174** | **K** | V | 10,3 kg | 104XA | L-KL-8807 | 6/2/10 |

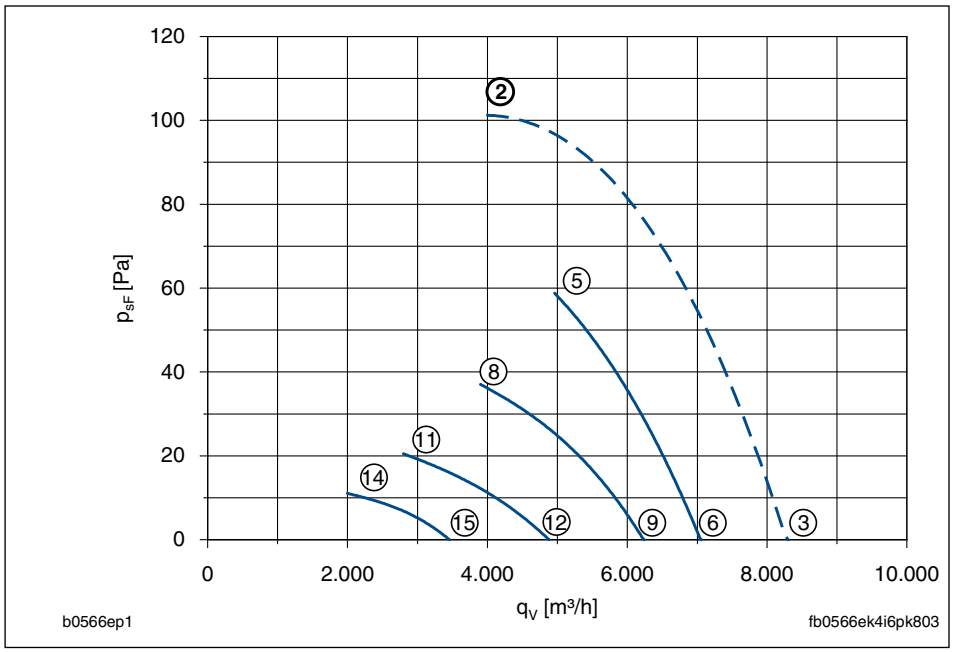
# FB056-6E_.4I._4P

## Leistungsdaten
## *Performance data*

**1~ 230V ±10% 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,37** | kW |
| I | **1,7** | A |
| n | **900** | $min^{-1}$ |
| $I_A$ | 7,0 | A |
| ΔI | 20 | % |
| $C_{400V}$ | 8 | µF |
| $t_{R②}$ | **65** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **A** | **$min^{-1}$** |
| ② | **230** | **1,7** | **370** | **900** |
| ③ | | 1,45 | 320 | 920 |
| ⑤ | 230 | 1,6 | 350 | 910 |
| ⑥ | | 1,35 | 300 | 930 |
| ⑧ | 160 | 1,9 | 280 | 730 |
| ⑨ | | 1,6 | 240 | 820 |
| ⑪ | 130 | 1,9 | 210 | 550 |
| ⑫ | | 1,7 | 200 | 640 |
| ⑭ | 105 | 1,55 | 145 | 380 |
| ⑮ | | 1,5 | 140 | 460 |

$p_{d2} = 7{,}7 \cdot 10^{-7} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ | ⑪ | ⑫ | ⑭ | ⑮ |
|---|---|---|---|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 73 | 72 | 72 | 67 | 68 | 61 | 63 | 57 | 56 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB056-6EA.4I.A4P** | **108 016** | **A** | A | 9,3 kg | 104XB | L-KL-8804 | 6/2/2 |
| **FB056-6EW.4I.A4P** | **106 941** | **W** | A | 12,1 kg | 104XB | L-KL-8805 | 6/2/4 |
| **FB056-6EA.4I.V4P** | **107 238** | **A** | V | 9,3 kg | 104XA | L-KL-8806 | 6/2/7 |
| **FB056-6EK.4I.V4P** | **124 175** | **K** | V | 12,1 kg | 104XA | L-KL-8807 | 6/2/10 |

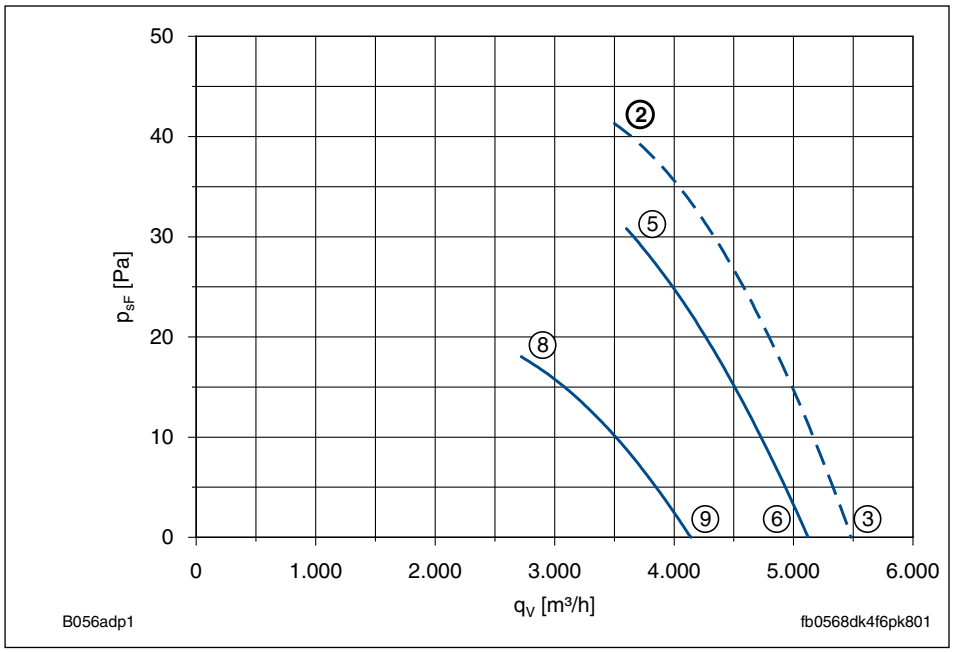
# FB056-AD_.4F._4P

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,18/0,10** | kW |
| I | **0,45/0,21** | A |
| n | **640/470** | $min^{-1}$ |
| $I_A$ | 1,2/0,4 | A |
| ΔI | 0 | % |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **W** | **$min^{-1}$** |
| ② | **400** | **0,45** | **180** | **640** |
| ③ | Δ | 0,42 | 145 | 680 |
| ⑤ | 400 | 0,43 | 165 | 650 |
| ⑥ | Δ | 0,40 | 125 | 690 |
| ⑧ | 400 | 0,2 | 94 | 500 |
| ⑨ | Y | 0,19 | 86 | 550 |

$p_{d2} = 7{,}7 \cdot 10^{-7} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 63 | 66 | 64 | 61 | 61 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB056-ADA.4F.A4P** | **132 330** | **A** | A | 7,5 kg | 104XB | L-KL-8804 | 6/2/2 |
| **FB056-ADW.4F.A4P** | **107 063** | **W** | A | 10,3 kg | 104XB | L-KL-8805 | 6/2/4 |
| **FB056-ADA.4F.V4P** | **124 681** | **A** | V | 7,5 kg | 104XA | L-KL-8806 | 6/2/7 |
| **FB056-ADK.4F.V4P** | **124 387** | **K** | V | 10,3 kg | 104XA | L-KL-8807 | 6/2/10 |

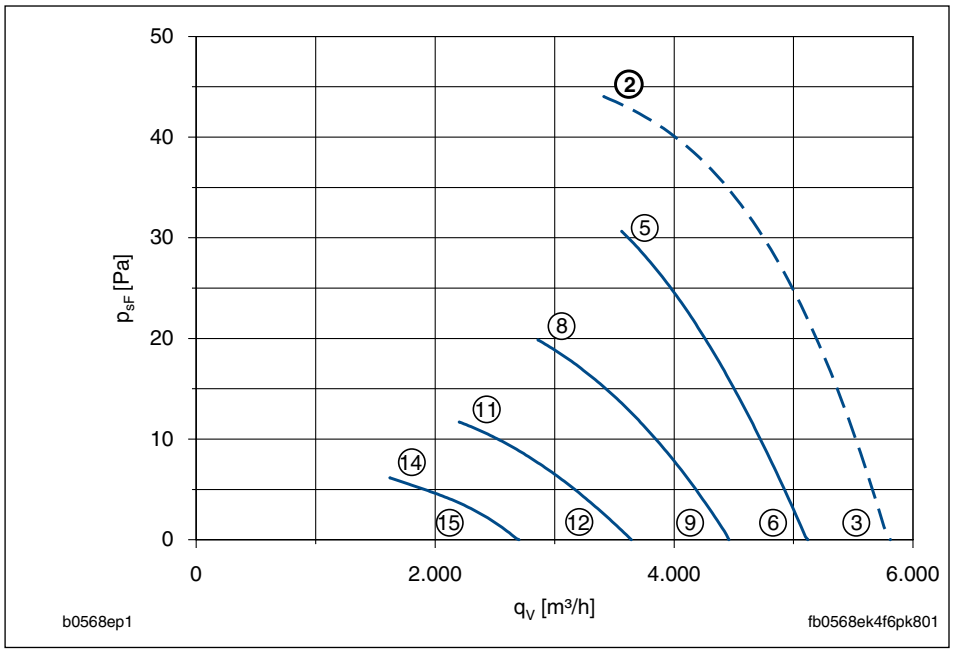
# FB056-8E_.4F._4P

## Leistungsdaten
## *Performance data*

**1~ 230V ±10% 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,22** | kW |
| I | **1,1** | A |
| n | **680** | $min^{-1}$ |
| $I_A$ | 1,6 | A |
| ΔI | 0 | % |
| $C_{400V}$ | 5 | µF |
| $t_{R②}$ | **65** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | V | A | A | $min^{-1}$ |
| ② | **230** | **1,1** | **220** | **680** |
| ③ | | 0,95 | 190 | 690 |
| ⑤ | 230 | 1,0 | 200 | 680 |
| ⑥ | | 0,93 | 180 | 710 |
| ⑧ | 160 | 0,94 | 130 | 510 |
| ⑨ | | 0,81 | 115 | 600 |
| ⑪ | 130 | 0,83 | 94 | 410 |
| ⑫ | | 0,78 | 89 | 490 |
| ⑭ | 105 | 0,70 | 62 | 310 |
| ⑮ | | 0,69 | 62 | 360 |

$p_{d2} = 7{,}7 \cdot 10^{-7} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ | ⑪ | ⑫ | ⑭ | ⑮ |
|---|---|---|---|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 64 | 65 | 65 | 60 | 61 | 56 | 57 | | |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB056-8EA.4F.A4P** | **132 331** | **A** | A | 7,5 kg | 104XB | L-KL-8804 | 6/2/2 |
| **FB056-8EW.4F.A4P** | **107 066** | **W** | A | 10,3 kg | 104XB | L-KL-8805 | 6/2/4 |
| **FB056-8EA.4F.V4P** | **124 429** | **A** | V | 7,5 kg | 104XA | L-KL-8806 | 6/2/7 |
| **FB056-8EK.4F.V4P** | **124 176** | **K** | V | 10,3 kg | 104XA | L-KL-8807 | 6/2/10 |

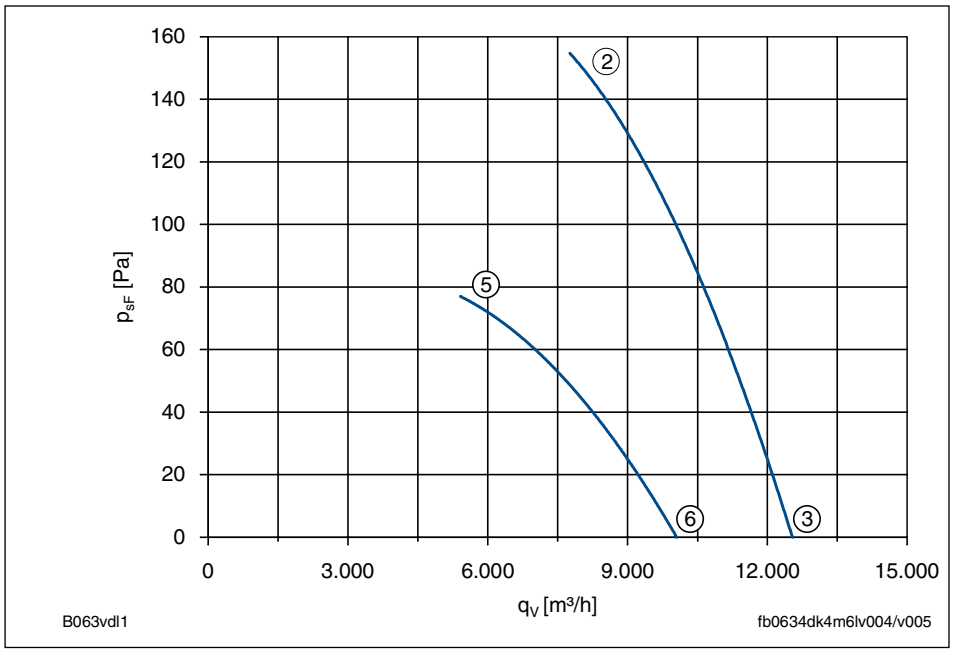
# FB063-VD_.4M.V4L

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **1,1/0,65** | kW |
| I | **2,2/1,25** | A |
| n | **1300/910** | $min^{-1}$ |
| $I_A$ | 7,0/2,4 | A |
| ΔI | 0 | % |
| $t_R$ | 60 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **W** | **$min^{-1}$** |
| ② | **400** | **2,2** | **1100** | **1300** |
| ③ | Δ | 1,8 | 790 | 1380 |
| ⑤ | 400 | 1,25 | 650 | 910 |
| ⑥ | Y | 1,1 | 570 | 1090 |

$p_{d2} = 4{,}6 \cdot 10^{-7} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ |
|---|---|---|---|---|
| $L_{WA}$ dB | 83 | 85 | 74 | 80 |

gemessen in Kurzdüse mit Berührschutz in Einbauart A nach ISO 5801
Ventilator nur in Kurzdüse (Ø min. 634 mm, Düsenhöhe max. 60 mm) betreibbar

*measured in short bell mouth without guard grille, installation type A according to ISO 5801*
*Fan may only be installed in short bell mouth (Ø min. 634 mm, height max. 60 mm)*

FB

### Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB063-VDA.4M.V4L** | **128 657** | **A** | V | 11,7 kg | 108XA | L-KL-8806 | 6/2/7 |
| **FB063-VDK.4M.V4L** | **135 044** | **K** | V | 17,4 kg | 108XA | L-KL-8807 | 6/2/10 |



ZIEHL-ABEGG

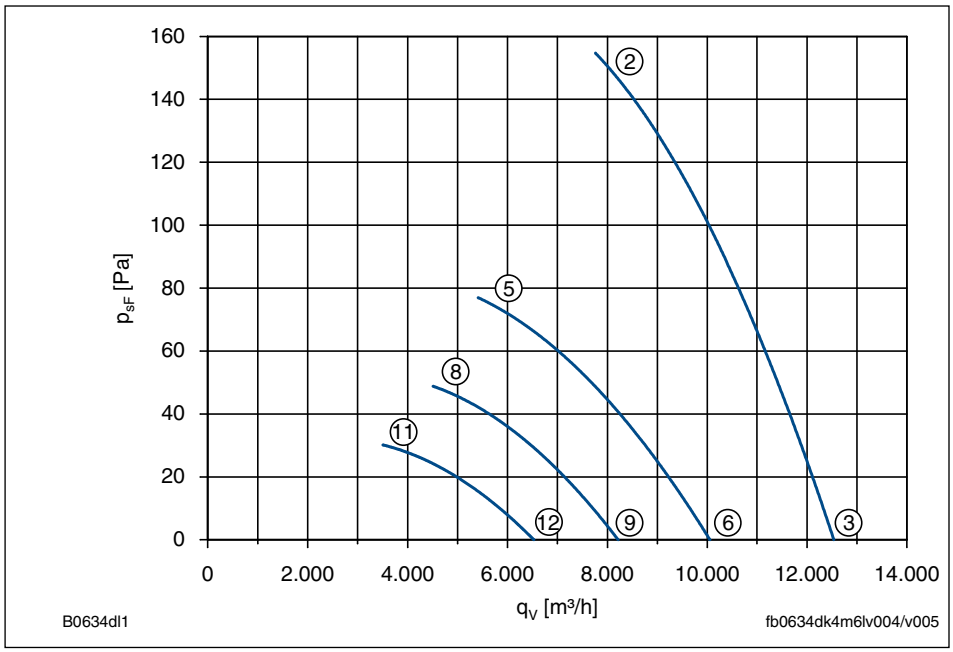
# FB063-4D_.4M.V4L

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% 50Hz**

| | | |
|---|---|---|
| $P_1$ | **1,1** | kW |
| I | **2,2** | A |
| n | **1300** | $min^{-1}$ |
| $I_A$ | 7,0 | A |
| ΔI | 0 | % |
| $t_R$ | 60 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **A** | **$min^{-1}$** |
| ② | **400** | **2,2** | **1100** | **1300** |
| ③ | | 1,8 | 790 | 1380 |
| ⑤ | 230 | 2,1 | 650 | 910 |
| ⑥ | | 1,85 | 560 | 1090 |
| ⑧ | 180 | 1,9 | 450 | 730 |
| ⑨ | | 1,7 | 400 | 860 |
| ⑪ | 140 | 1,6 | 280 | 570 |
| ⑫ | | 1,5 | 270 | 700 |

$p_{d2} = 4{,}6 \cdot 10^{-7} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ | ⑪ | ⑫ |
|---|---|---|---|---|---|---|---|---|
| $L_{WA}$ dB | 83 | 85 | 74 | 80 | 69 | 74 | 63 | 68 |

gemessen in Kurzdüse mit Berührschutz in Einbauart A nach ISO 5801
Ventilator nur in Kurzdüse (Ø min. 634 mm, Düsenhöhe max. 60 mm) betreibbar

*measured in short bell mouth without guard grille, installation type A according to ISO 5801*
*Fan may only be installed in short bell mouth (Ø min. 634 mm, height max. 60 mm)*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB063-4DA.4M.V4L** | **128 656** | **A** | V | 11,7 kg | 106XA | L-KL-8806 | 6/2/7 |
| **FB063-4DK.4M.V4L** | **135 045** | **K** | V | 17,4 kg | 106XA | L-KL-8807 | 6/2/10 |

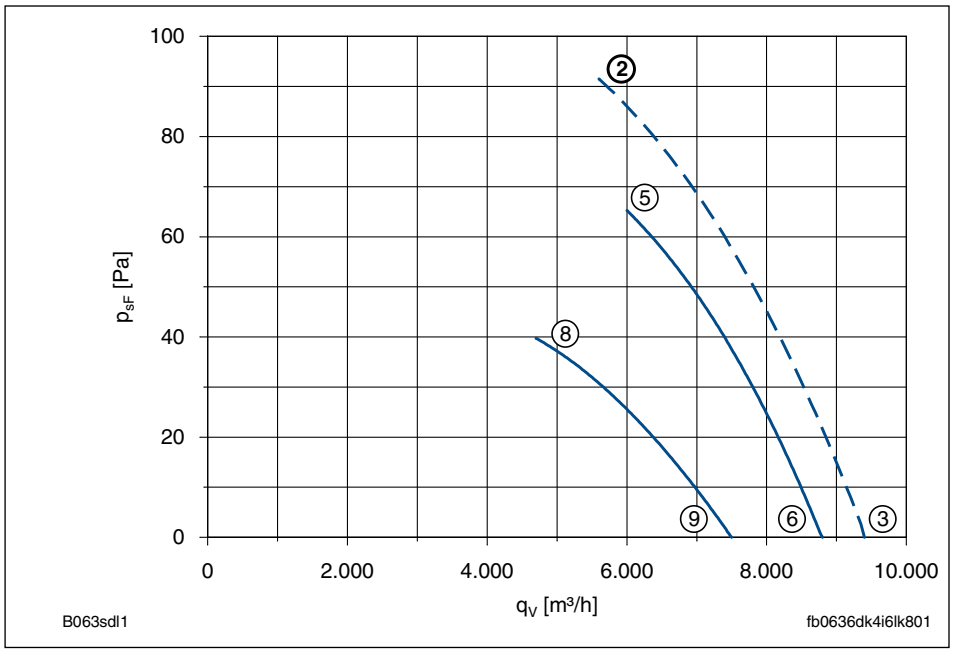
# FB063-SD_.4I.V4L

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,43/0,27** | kW |
| I | **0,89/0,51** | A |
| n | **880/690** | $min^{-1}$ |
| $I_A$ | 3,0/1,0 | A |
| ΔI | 0 | % |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **W** | **$min^{-1}$** |
| ② | **400** | **0,89** | **430** | **880** |
| ③ | Δ | 0,73 | 310 | 910 |
| ⑤ | 400 | 0,7 | 390 | 890 |
| ⑥ | Δ | 0,63 | 300 | 920 |
| ⑧ | 400 | 0,46 | 280 | 700 |
| ⑨ | Y | 0,38 | 230 | 790 |

$p_{d2} = 4{,}6 \cdot 10^{-7} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 74 | 75 | 73 | 73 | 69 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

### Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB063-SDA.4I.V4L** | **109 867** | **A** | V | 9,4 kg | 108XA | L-KL-8806 | 6/2/7 |
| **FB063-SDK.4I.V4L** | **124 168** | **K** | V | 13,9 kg | 108XA | L-KL-8807 | 6/2/10 |

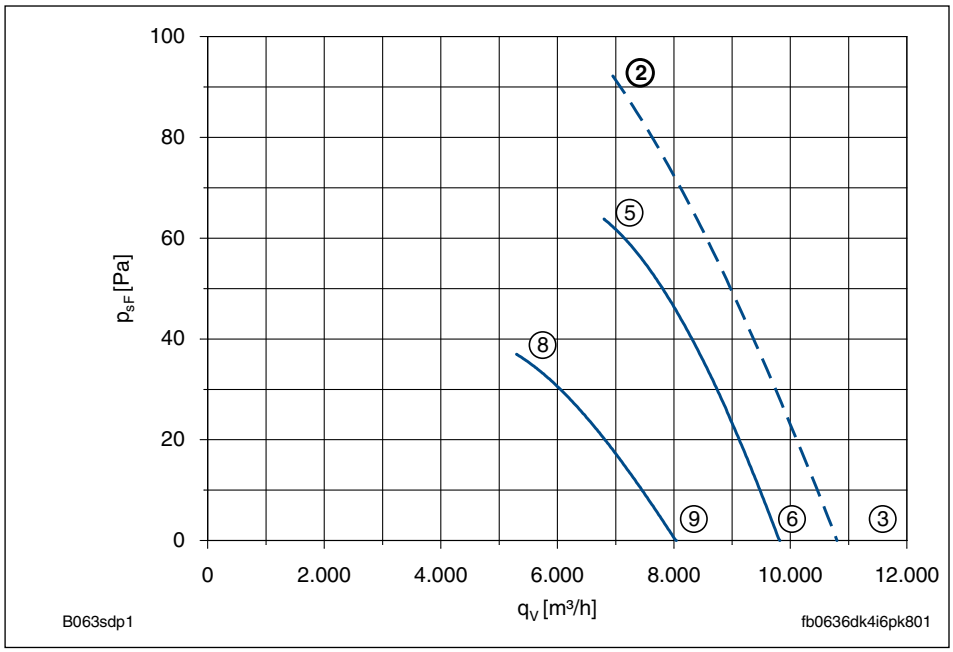
# FB063-SD_.4I.V4P

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,48/0,32** | kW |
| I | **0,93/0,51** | A |
| n | **870/680** | $min^{-1}$ |
| $I_A$ | 3,6/1,2 | A |
| ΔI | 0 | % |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **A** | **$min^{-1}$** |
| ② | **400** | **0,93** | **480** | **870** |
| ③ | Δ | 0,85 | 380 | 910 |
| ⑤ | 400 | 0,89 | 500 | 890 |
| ⑥ | Δ | 0,79 | 420 | 910 |
| ⑧ | 400 | 0,57 | 350 | 680 |
| ⑨ | Y | 0,52 | 320 | 730 |

$p_{d2} = 4{,}6 \cdot 10^{-7} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 78 | 77 | 76 | 69 | 70 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB063-SDA.4I.V4P** | **124 430** | **A** | V | 9,4 kg | 108XA | L-KL-8806 | 6/2/7 |
| **FB063-SDK.4I.V4P** | **124 169** | **K** | V | 13,9 kg | 108XA | L-KL-8807 | 6/2/10 |

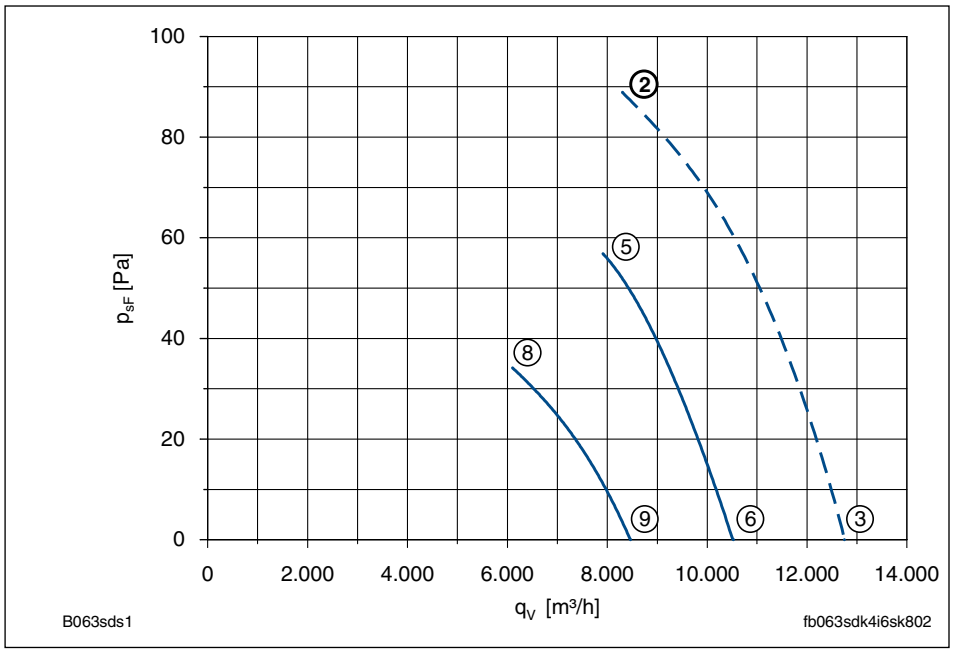
# FB063-SD_.4I.V4S

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,72/0,47** | kW |
| I | **1,4/0,79** | A |
| n | **870/650** | $min^{-1}$ |
| $I_A$ | 5,1/1,7 | A |
| ΔI | 5 | % |
| $t_{R②}$ | **55** | **°C** |
| $t_{R⑤}$ | 65 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **W** | **$min^{-1}$** |
| ② | **400** | **1,4** | **720** | **870** |
| ③ | Δ | 1,3 | 550 | 910 |
| ⑤ | 400 | 1,25 | 670 | 890 |
| ⑥ | Δ | 1,15 | 610 | 910 |
| ⑧ | 400 | 0,77 | 470 | 680 |
| ⑨ | Y | 0,72 | 440 | 720 |

$p_{d2} = 4{,}6 \cdot 10^{-7} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 83 | 78 | 78 | 70 | 73 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB063-SDA.4I.V4S** | **124 431** | **A** | V | 9,4 kg | 108XA | L-KL-8806 | 6/2/7 |
| **FB063-SDK.4I.V4S** | **210 548** | **K** | V | 13,9 kg | 108XA | L-KL-8807 | 6/2/10 |

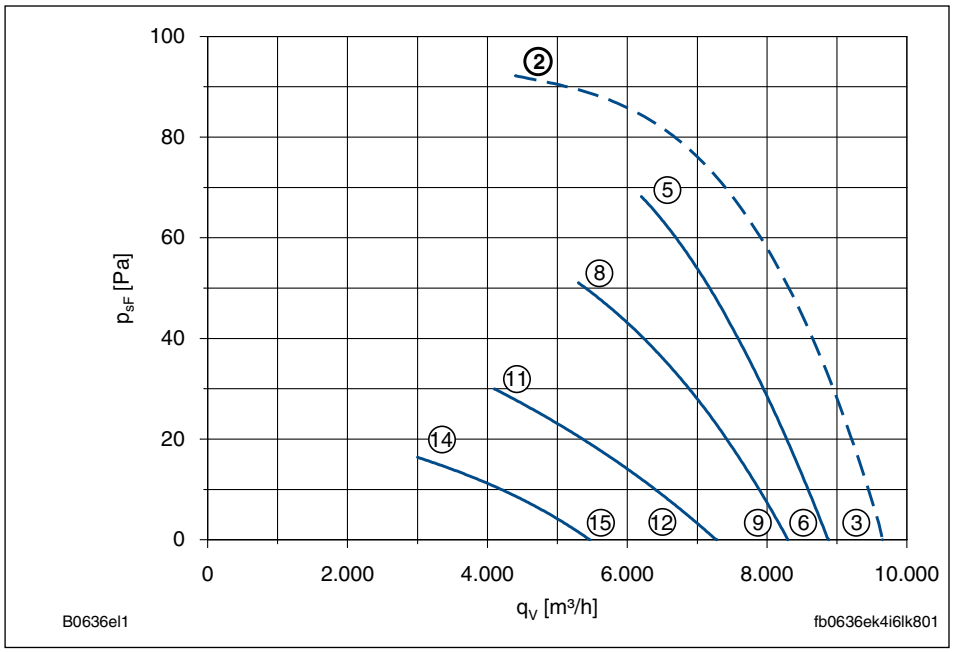
# FB063-6E_.4I.V4L

## Leistungsdaten
## *Performance data*

**1~ 230V ±10% 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,52** | kW |
| I | **2,4** | A |
| n | **910** | $min^{-1}$ |
| $I_A$ | 6,7 | A |
| ΔI | 15 | % |
| $C_{400V}$ | 12 | µF |
| **$t_{R②}$** | **55** | **°C** |
| $t_{R⑤}$ | 65 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **A** | **$min^{-1}$** |
| ② | **230** | **2,4** | **520** | **910** |
| ③ | | 2,1 | 400 | 950 |
| ⑤ | 230 | 2,2 | 490 | 930 |
| ⑥ | | 1,95 | 410 | 950 |
| ⑧ | 160 | 2,4 | 370 | 800 |
| ⑨ | | 1,9 | 300 | 880 |
| ⑪ | 130 | 2,4 | 290 | 610 |
| ⑫ | | 2,0 | 250 | 770 |
| ⑭ | 105 | 2,1 | 200 | 450 |
| ⑮ | | 2,0 | 190 | 570 |

$p_{d2} = 4{,}6 \cdot 10^{-7} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ | ⑪ | ⑫ | ⑭ | ⑮ |
|---|---|---|---|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 76 | 76 | 74 | 71 | 72 | 65 | 69 | 58 | 63 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB063-6EA.4I.V4L** | **107 235** | **A** | V | 9,4 kg | 104XA | L-KL-8806 | 6/2/7 |
| **FB063-6EK.4I.V4L** | **206 837** | **K** | V | 13,9 kg | 104XA | L-KL-8807 | 6/2/10 |

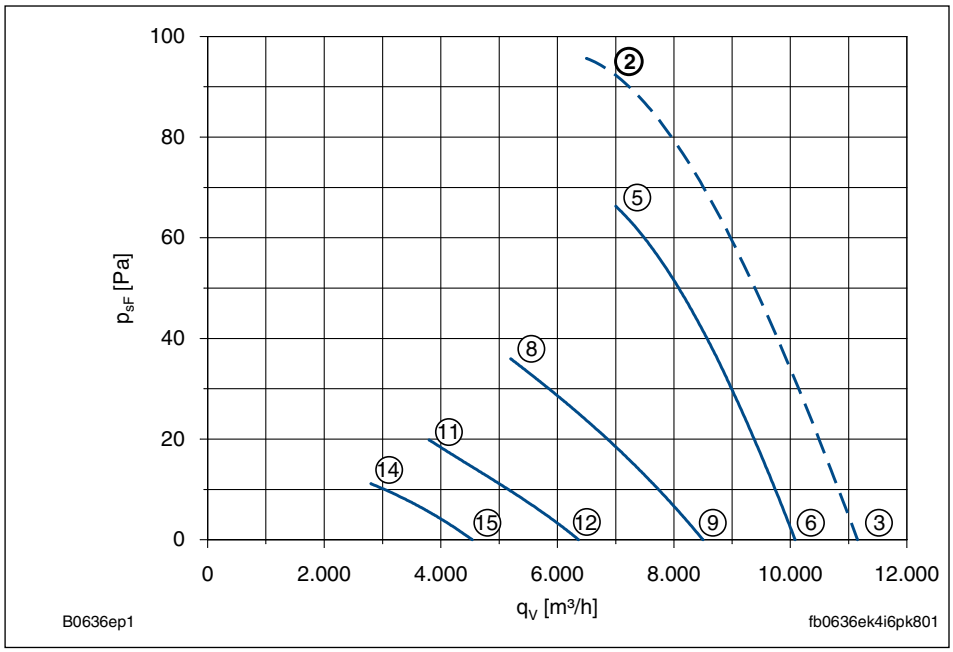
# FB063-6E_.4I.V4P

## Leistungsdaten
## *Performance data*

**1~ 230V ±10% 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,63** | kW |
| I | **3,0** | A |
| n | **860** | $min^{-1}$ |
| $I_A$ | 7,0 | A |
| ΔI | 0 | % |
| $C_{400V}$ | 12 | µF |
| $t_{R②}$ | **40** | **°C** |
| $t_{R⑤}$ | 50 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **W** | **$min^{-1}$** |
| ② | **230** | **3,0** | **630** | **860** |
| ③ | | 2,6 | 550 | 910 |
| ⑤ | 230 | 2,7 | 590 | 900 |
| ⑥ | | 2,3 | 520 | 930 |
| ⑧ | 160 | 3,0 | 450 | 670 |
| ⑨ | | 2,7 | 410 | 780 |
| ⑪ | 130 | 2,7 | 320 | 490 |
| ⑫ | | 2,6 | 310 | 580 |
| ⑭ | 105 | 2,3 | 210 | 370 |
| ⑮ | | 2,3 | 210 | 410 |

$p_{d2} = 4{,}6 \cdot 10^{-7} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ | ⑪ | ⑫ | ⑭ | ⑮ |
|---|---|---|---|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 78 | 78 | 76 | 70 | 72 | 61 | 64 | 54 | 55 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB063-6EA.4I.V4P** | **109 103** | **A** | V | 9,4 kg | 104XA | L-KL-8806 | 6/2/7 |
| **FB063-6EK.4I.V4P** | **109 104** | **K** | V | 13,9 kg | 104XA | L-KL-8807 | 6/2/10 |

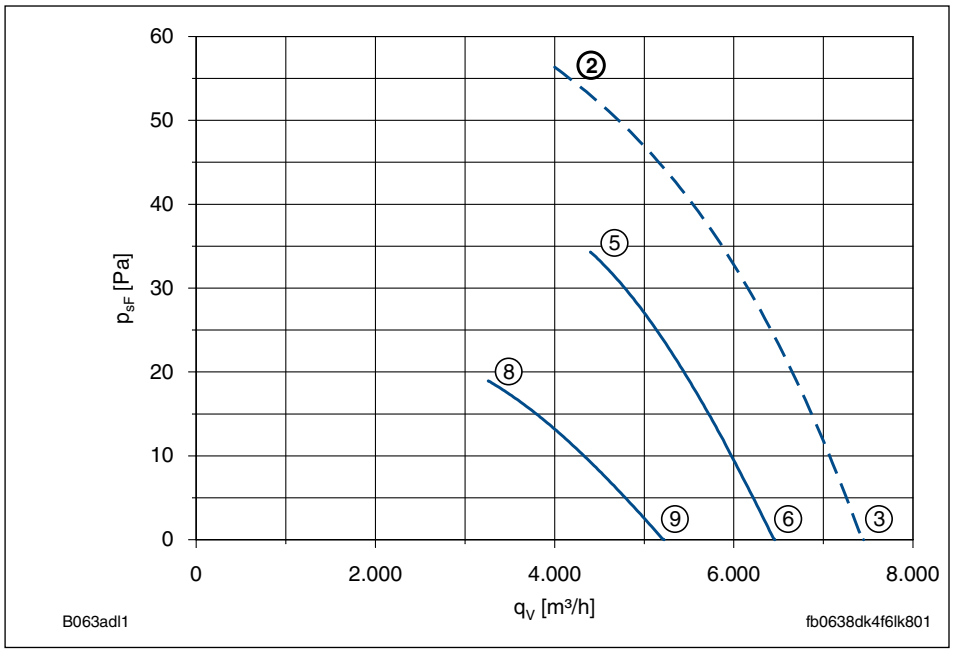
# FB063-AD_.4F.V4L

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,22/0,15** | kW |
| I | **0,54/0,28** | A |
| n | **670/520** | $min^{-1}$ |
| $I_A$ | 1,5/0,5 | A |
| ΔI | 0 | % |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **A** | **$min^{-1}$** |
| ② | **400** | **0,54** | **220** | **670** |
| ③ | Δ | 0,48 | 155 | 700 |
| ⑤ | 400 | 0,51 | 200 | 640 |
| ⑥ | Δ | 0,48 | 170 | 670 |
| ⑧ | 400 | 0,24 | 115 | 450 |
| ⑨ | Y | 0,21 | 100 | 540 |

$p_{d2} = 4{,}6 \cdot 10^{-7} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 67 | 65 | 64 | 59 | 59 |

gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB063-ADA.4F.V4L** | **120 126** | **A** | V | 7,7 kg | 108XA | L-KL-8806 | 6/2/7 |
| **FB063-ADK.4F.V4L** | **124 171** | **K** | V | 12,2 kg | 108XA | L-KL-8807 | 6/2/10 |

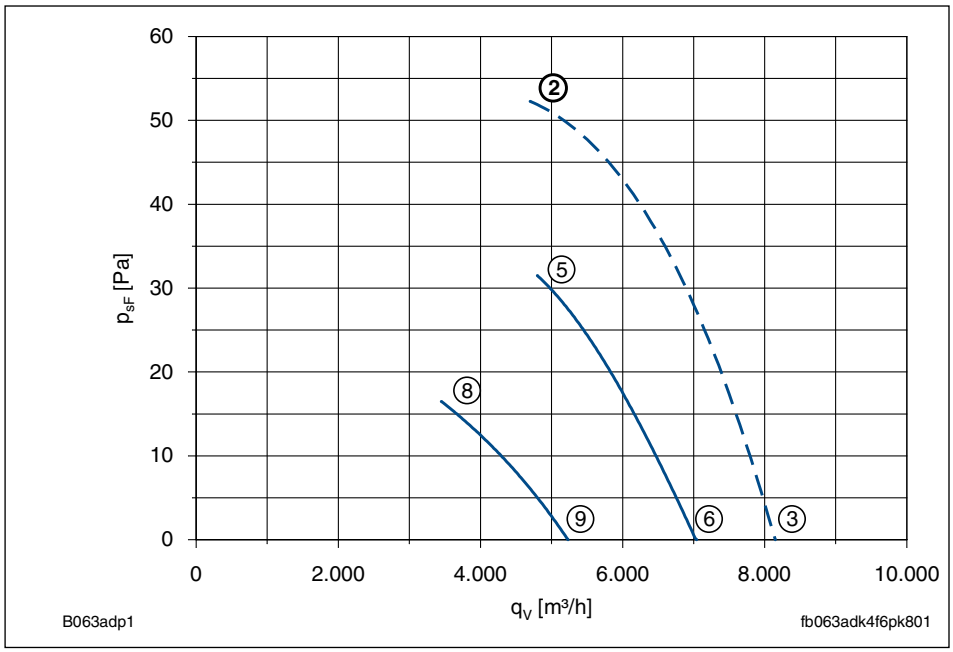
# FB063-AD_.4F.V4P

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,26/0,16** | kW |
| I | **0,59/0,3** | A |
| n | **640/470** | $min^{-1}$ |
| $I_A$ | 1,5/0,5 | A |
| ΔI | 0 | % |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **W** | **$min^{-1}$** |
| ② | **400** | **0,59** | **260** | **640** |
| ③ | Δ | 0,51 | 190 | 680 |
| ⑤ | 400 | 0,61 | 250 | 630 |
| ⑥ | Δ | 0,59 | 220 | 650 |
| ⑧ | 400 | 0,28 | 130 | 440 |
| ⑨ | Y | 0,27 | 125 | 490 |

$p_{d2} = 4{,}6 \cdot 10^{-7} \cdot q_V^{\,2}$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 70 | 69 | 67 | 60 | 59 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

### Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB063-ADA.4F.V4P** | **124 673** | **A** | V | 7,7 kg | 108XA | L-KL-8806 | 6/2/7 |
| **FB063-ADK.4F.V4P** | **209 100** | **K** | V | 12,2 kg | 108XA | L-KL-8807 | 6/2/10 |

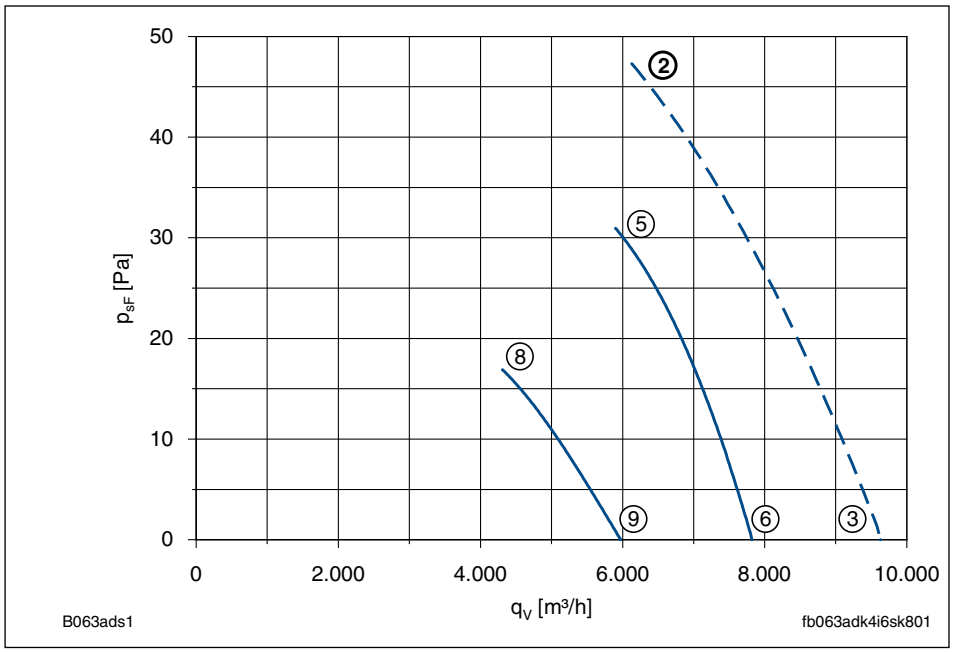
# FB063-AD_.4I.V4S

## Leistungsdaten
## *Performance data*

**3~ 400V ±10% Δ/Y 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,35/0,22** | kW |
| I | **0,77/0,4** | A |
| n | **640/470** | $min^{-1}$ |
| $I_A$ | 2,1/0,7 | A |
| ΔI | 0 | % |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **A** | **$min^{-1}$** |
| ② | **400** | **0,77** | **350** | **640** |
| ③ | Δ | 0,71 | 280 | 680 |
| ⑤ | 400 | 0,69 | 340 | 650 |
| ⑥ | Δ | 0,66 | 310 | 670 |
| ⑧ | 400 | 0,4 | 230 | 480 |
| ⑨ | Y | 0,37 | 210 | 500 |

$p_{d2} = 4{,}6 \cdot 10^{-7} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ |
|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 75 | 69 | 69 | 62 | 64 |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB063-ADA.4I.V4S** | **124 674** | **A** | V | 9,4 kg | 108XA | L-KL-8806 | 6/2/7 |
| **FB063-ADK.4I.V4S** | **107 775** | **K** | V | 13,9 kg | 108XA | L-KL-8807 | 6/2/10 |

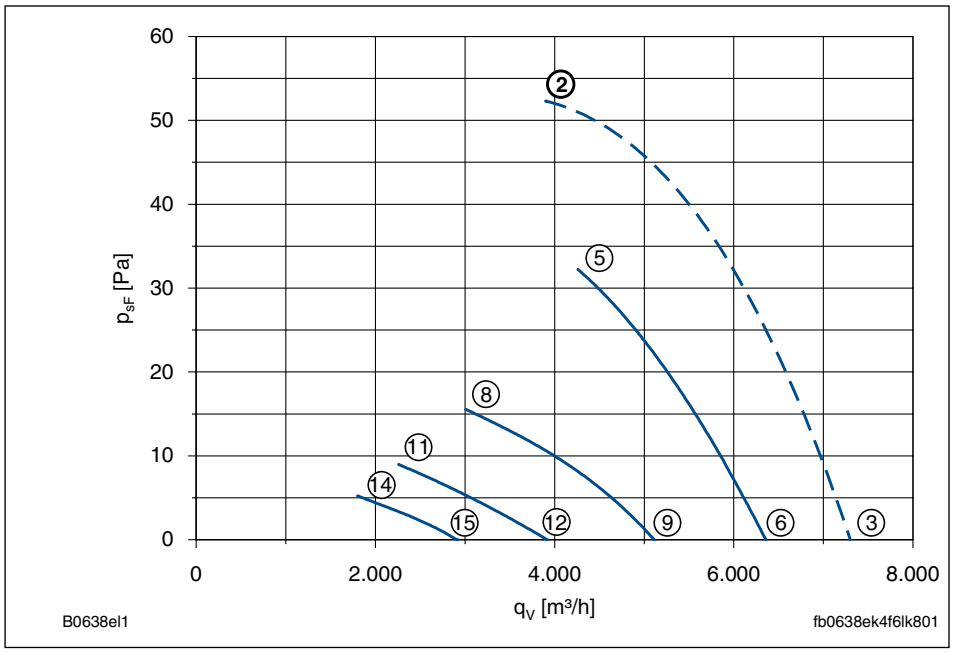
# FB063-8E_.4F.V4L

## Leistungsdaten
## *Performance data*

**1~ 230V ±10% 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,25** | kW |
| I | **1,15** | A |
| n | **650** | $min^{-1}$ |
| $I_A$ | 1,85 | A |
| ΔI | 0 | % |
| $C_{400V}$ | 5 | µF |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **W** | **$min^{-1}$** |
| ② | **230** | **1,15** | **250** | **650** |
| ③ | | 0,92 | 190 | 700 |
| ⑤ | 230 | 1,1 | 230 | 620 |
| ⑥ | | 0,97 | 195 | 660 |
| ⑧ | 160 | 0,94 | 130 | 430 |
| ⑨ | | 0,86 | 125 | 530 |
| ⑪ | 130 | 0,81 | 90 | 330 |
| ⑫ | | 0,78 | 87 | 410 |
| ⑭ | 105 | 0,67 | 60 | 250 |
| ⑮ | | 0,66 | 59 | 310 |

$p_{d2} = 4{,}6 \cdot 10^{-7} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ | ⑪ | ⑫ | ⑭ | ⑮ |
|---|---|---|---|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 67 | 66 | 65 | 58 | 60 | 55 | 53 | 53 | 46 |

- gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
  *measured in full bell mouth without guard grille in installation type A according to ISO 5801*
- gemessen in Kurzdüse mit druckseitigem Berührschutzgitter
  *measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB063-8EA.4F.V4L** | **124 676** | **A** | V | 7,7 kg | 104XA | L-KL-8806 | 6/2/7 |
| **FB063-8EK.4F.V4L** | **124 172** | **K** | V | 12,2 kg | 104XA | L-KL-8807 | 6/2/10 |

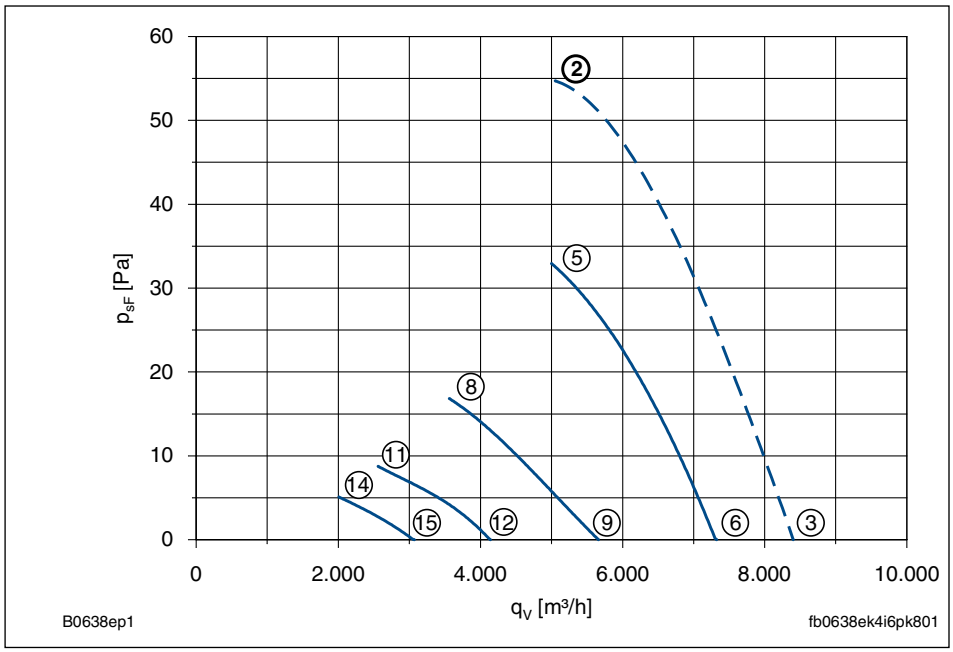
# FB063-8E_.4I.V4P

## Leistungsdaten
## *Performance data*

**1~ 230V ±10% 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,31** | kW |
| I | **1,55** | A |
| n | **650** | $min^{-1}$ |
| $I_A$ | 2,7 | A |
| ΔI | 5 | % |
| $C_{400V}$ | 8 | µF |
| $t_{R②}$ | **70** | **°C** |
| $t_{R⑤}$ | 70 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | V | A | A | $min^{-1}$ |
| ② | **230** | **1,55** | **310** | **650** |
| ③ | | 1,3 | 250 | 690 |
| ⑤ | 230 | 1,5 | 290 | 640 |
| ⑥ | | 1,35 | 260 | 660 |
| ⑧ | 160 | 1,4 | 190 | 450 |
| ⑨ | | 1,3 | 180 | 510 |
| ⑪ | 130 | 1,25 | 135 | 330 |
| ⑫ | | 1,2 | 130 | 380 |
| ⑭ | 105 | 1,05 | 87 | 250 |
| ⑮ | | 1,0 | 86 | 280 |

$p_{d2} = 4{,}6 \cdot 10^{-7} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ | ⑪ | ⑫ | ⑭ | ⑮ |
|---|---|---|---|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 71 | 71 | 67 | 63 | 61 | 53 | 61 | | |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutz-gitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB063-8EA.4I.V4P** | **107 233** | **A** | V | 9,4 kg | 104XA | L-KL-8806 | 6/2/7 |
| **FB063-8EK.4I.V4P** | **108 187** | **K** | V | 13,9 kg | 104XA | L-KL-8807 | 6/2/10 |

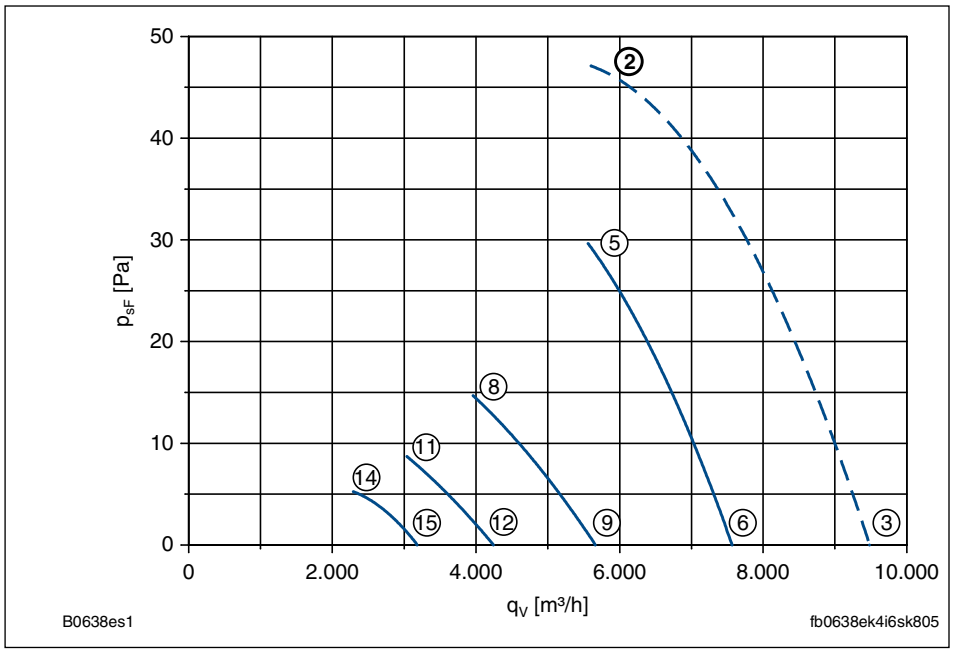
# FB063-8E_.4I.V4S

**Leistungsdaten**
***Performance data***

**1~ 230V ±10% 50Hz**

| | | |
|---|---|---|
| $P_1$ | **0,36** | kW |
| I | **1,7** | A |
| n | **600** | $min^{-1}$ |
| $I_A$ | 2,7 | A |
| ΔI | 0 | % |
| $C_{400V}$ | 8 | µF |
| $t_{R②}$ | **60** | **°C** |
| $t_{R⑤}$ | 65 | °C |

## Kennliniendaten
## *Characteristic data*




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | **V** | **A** | **W** | **$min^{-1}$** |
| ② | **230** | **1,7** | **360** | **600** |
| ③ | | 1,55 | 330 | 630 |
| ⑤ | 230 | 1,6 | 340 | 620 |
| ⑥ | | 1,5 | 320 | 640 |
| ⑧ | 160 | 1,45 | 210 | 430 |
| ⑨ | | 1,4 | 200 | 480 |
| ⑪ | 130 | 1,3 | 145 | 340 |
| ⑫ | | 1,25 | 140 | 360 |
| ⑭ | 105 | 1,05 | 92 | 250 |
| ⑮ | | 1,0 | 91 | 270 |

$p_{d2} = 4{,}6 \cdot 10^{-7} \cdot q_V^2$

| | ② | ③ | ⑤ | ⑥ | ⑧ | ⑨ | ⑪ | ⑫ | ⑭ | ⑮ |
|---|---|---|---|---|---|---|---|---|---|---|
| $L_{WA}$ dB | | 73 | 69 | 69 | 60 | 63 | 55 | 56 | | |

- - - - gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
*measured in full bell mouth without guard grille in installation type A according to ISO 5801*

——— gemessen in Kurzdüse mit druckseitigem Berührschutzgitter
*measured in short bell mouth with guard grille on the pressure side*

FB

## Maßblatt / *Dimension sheet*

| Typ *type* | Artikel-Nr. *article no.* | Bauform *design* | Luftförderrichtung *airflow direction* | Gewicht *weight* | Anschlussschaltbild *connection diagram* | Maßblatt *dimension sheet* | Seite *page* |
|---|---|---|---|---|---|---|---|
| **FB063-8EA.4I.V4S** | **124 677** | **A** | V | 9,4 kg | 104XA | L-KL-8806 | 6/2/7 |
| **FB063-8EK.4I.V4S** | **124 173** | **K** | V | 13,9 kg | 104XA | L-KL-8807 | 6/2/10 |