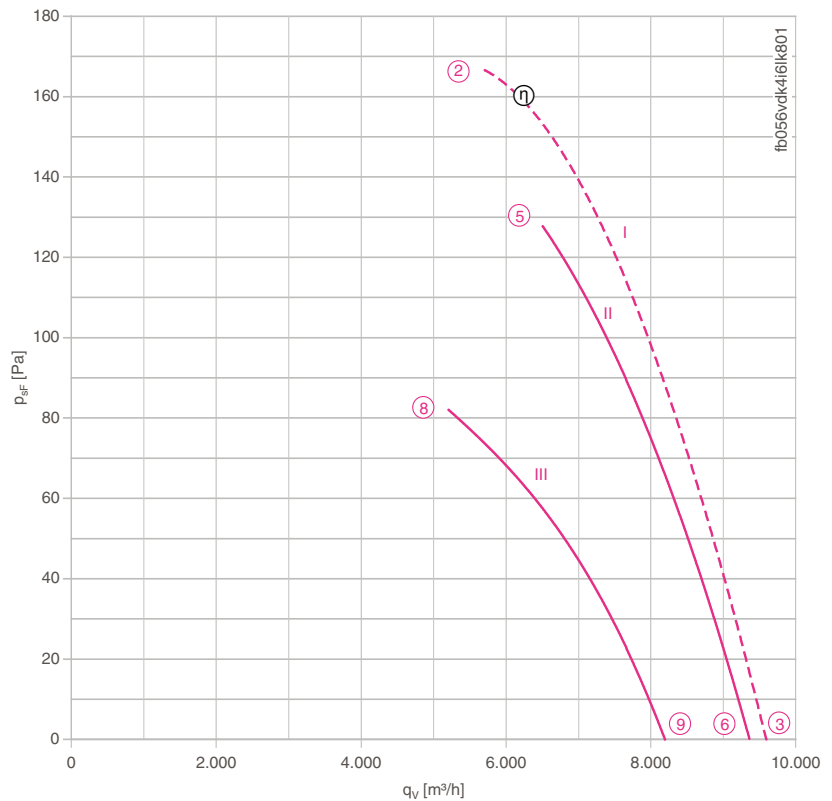




Description

Motor technology: AC
 Rated voltage U_N : 3~ 400 V (Δ/Y) ± 10 %*
 Rated frequency f_N : 50 Hz*
 Motor input power P_1 : 0.84/0.64 kW*
 Rated current I_N : 1.65/1.05 A*
 Rated speed n_N : 1360/1090 min⁻¹*
 Starting current I_s : 6.00 A / 2.00 A
 Current increase ΔI : 10 %
 Thermal class: THCL155*
 Min. permitted conveyor temperature $t_{R(min)}$: -40 °C
 Max. permitted conveyor temperature $t_{R(max)}$: 40 °C
 Electrical connection: Terminal box
 Number of blades: 4
 Protection class: IP54
 Motor protection: Thermal contact
 Blades: Aluminium, uncoated
 Rotor: Aluminium, uncoated
 Conformity: ErP 2015, CE
ErP Data
 Efficiency η_{statA} : 37.9 %
 Efficiency: $N_{actual} = 45.0 / N_{target} = 40$ **
 * Rated data
 **ErP 2015

Characteristic curve



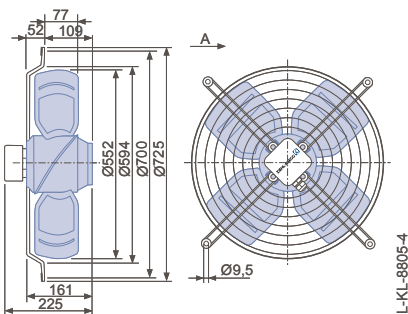
I) Measured in full bell mouth without guard grille in installation type A according to ISO 5801.
 II-x) Measured in short-bell mouth with compressed side contact protection.

- Connection diagrams Page 608
 - for airflow direction V 1360-108XA
 - for airflow direction A 1360-108XB
- System components Page 524

Dimensions [mm]





Design W - axial bolted, mounting for short bell mouth E



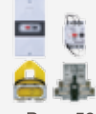

| | tic curve | point | power | | | sound power level | permitted media temperature | |
|----------------|-----------|-------|-------|-------|--------------------|-------------------|-----------------------------|------------------------|
| | | | U [V] | I [A] | P ₁ [W] | | | n [min ⁻¹] |
| FB056-VD_4I_4L | Δ | I | 400* | ② | 1.65* | 840* | 1360* | 40 |
| | | | 400 | ③ | 1.25 | 570 | 1410 | 79 |
| | | | 400 | ⑤ | 1.45 | 760 | 1370 | 80 |
| | Y | II | 400 | ⑥ | 1.20 | 540 | 1420 | 80 |
| | | | 400 | ⑧ | 0.97 | 580 | 1110 | 76 |
| | | | 400 | ⑨ | 0.76 | 450 | 1230 | 77 |

*rated data

Fan ordering information

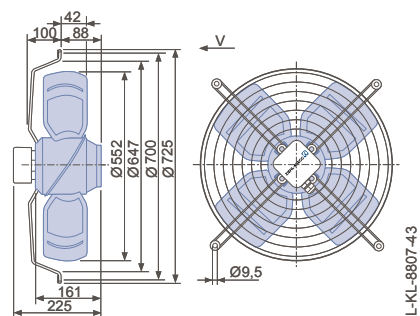
| Airflow direction A | | Airflow direction V | |
|---------------------|---|---------------------|---|
| Design | W | | K |
| |  | |  |
| Type | FB056-VDW.4I.A4L | | FB056-VDK.4I.V4L |
| Article no. | 127411 | | 124384 |
| Weight [kg] | 12.10 | | 12.10 |

Control technology

| | | | |
|--|---|--|---|
| Frequency inverter Fcontrol 3~  ▶ Page 558 | Motor protection units 3~  ▶ Page 596 | Transformer-based controllers 3~  ▶ Page 591 | Electronic voltage controllers 3~  ▶ Page 578 |
|--|---|--|---|

Airflow direction V

Design K - axial bolted, mounted for short bell mouth E



Information

FE2owlet
ECblue

FE2owlet

FB

FC

System
components

Control
technology

Appendix