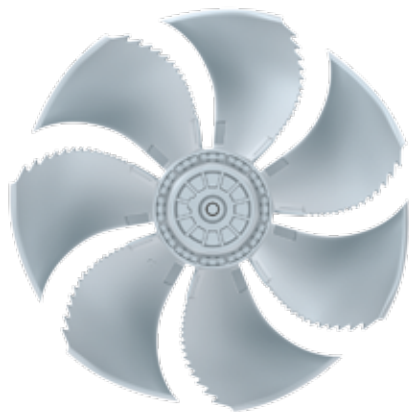




Description

Motor technology: AC

Rated voltage U_N : 3~ 400 V (Δ/Y) ± 10 %*

Rated frequency f_N : 50 Hz* (60Hz data available)

Motor input power P_1 : 0.13/0.08 kW*

Rated current I_N : 0.30/0.15 A*

Rated speed n_N : 660/510 min⁻¹*

Starting current I_A : 0.70 A / 0.22 A

Current increase ΔI : 0 %

Thermal class: THCL155*

Min. permitted conveyor temperature $t_{R(min)}$: -40 °C

Max. permitted conveyor temperature $t_{R(max)}$: 70 °C

Electrical connection: Terminal box

Number of blades: 7

Protection class: IP54

Motor protection: Thermal contact

Blades: Aluminium, uncoated

Rotor: Aluminium, uncoated

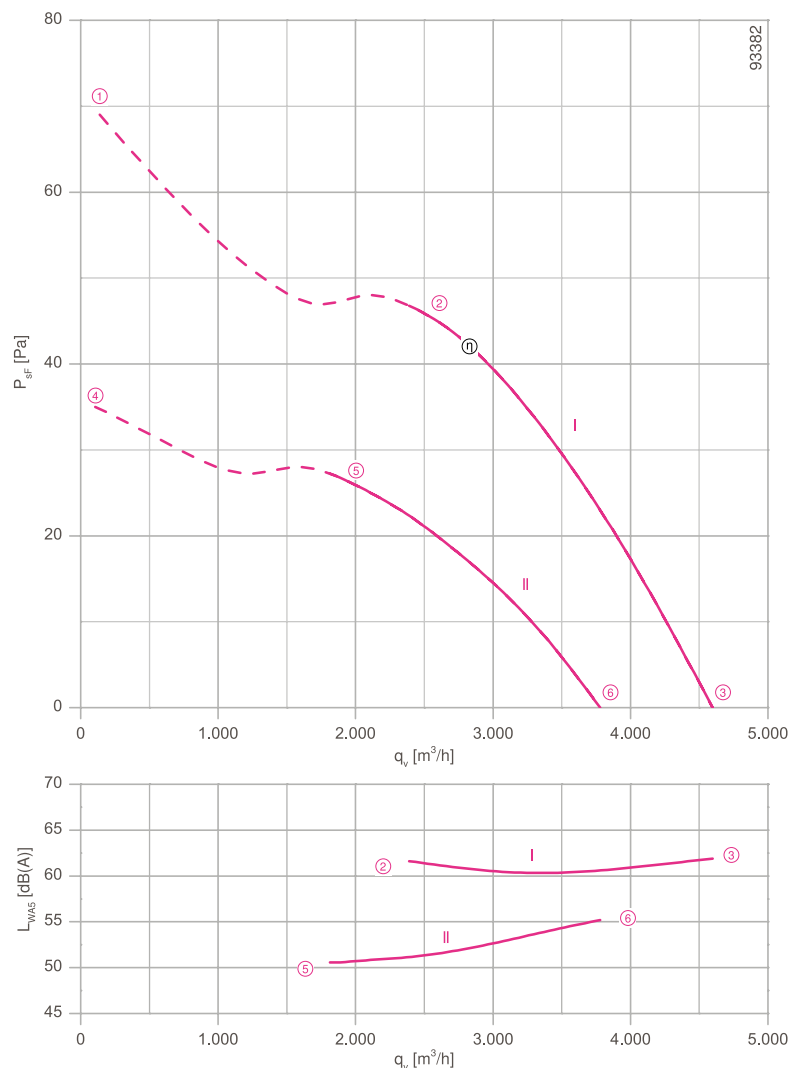
Conformity: CE

ErP Data

Is not subject to the ErP Guidelines ($P_1 < 125$ W)

* Rated data

Characteristic curve



Measured in full bell mouth without guard grille in installation type A according to ISO 5801.

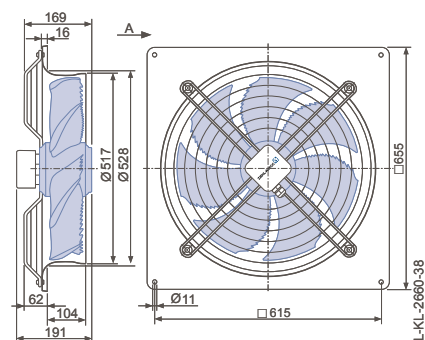
➤ Connection diagrams Page 608
for airflow direction V 1360-108XA
for airflow direction A 1360-108XB

➤ System components Page 524

Dimensions [mm]

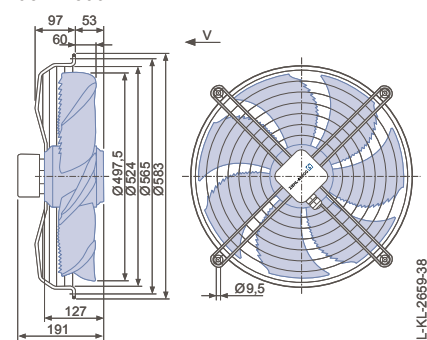
Airflow direction A

Design Q - square, full bell mouth



Airflow direction V

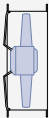
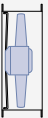
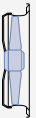
Design K - axial bolted, mounted for short bell mouth E



		curve	U [V]	point	I [A]	power P ₁ [W]	n [min ⁻¹]	sound power level L _{WA5} [dB]
FN050-AD_4C_7P1	Δ	I	400	①	0.32	150	640	
			400*	②	0.30*	130*	660*	62
			400	③	0.28	100	690	62
	Y	II	400	④	0.16	90	450	
			400*	⑤	0.15*	80*	500*	51
			400	⑥	0.13	70	570	55

*rated data

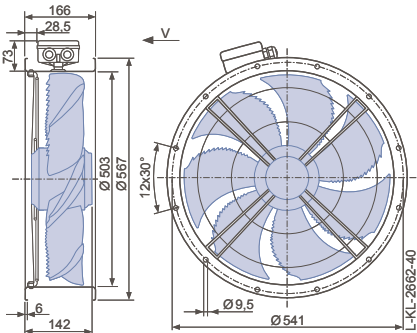
Fan ordering information

Airflow direction A			Airflow direction V		
Design	Q		K	F (without contact protection)	F (with contact protection) Q
					 
Type	FN050-ADQ.4C.A7P1		FN050-ADK.4C.V7P1	FN050-ADF.4C.V7P1	FN050-ADF.4C.V7P1 FN050-ADQ.4C.V7P1
Article no.	160053		160055	160057	160058 160056
Weight [kg]	16.90		10.10	13.60	14.30 14.60

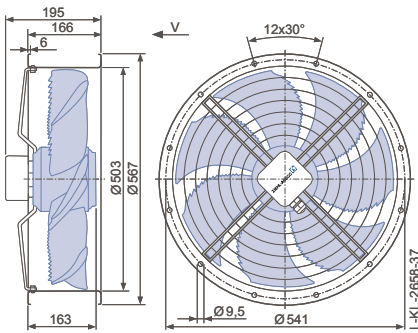
Control technology

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

Design F - flange ring with two flanges without guard grille



Design F - flange ring with two flanges and guard grille



Design Q - square, full bell mouth

