

# 1. Product specification

## Technical data

<b>Article number</b>	165587
<b>Type</b>	FN063-VDK.6N.V7P6
<b>Designation</b>	Axial fan with sickle blades
<b>Rated values</b>	3~400V±10% D/Y 50Hz P <sub>1</sub> 1.55/0.98kW 2.60/ 1.60A ΔI=10% 1300/1000/min COSY 0,84 70°C 3~400V±10% D/Y 60Hz P <sub>1</sub> 2.20/1.15kW 3.60/ 1.95A ΔI=0% 1390/ 940/min COSY 0,85 60°C 3~460V±10% D/Y 60Hz P <sub>1</sub> 2.40/1.40kW 3.50/ 2.00A ΔI=5% 1470/1050/min COSY 0,86 60°C
<b>Electrical connection</b>	Terminal box K62
<b>Min. operating temperature °C</b>	-40
<b>Mounting type terminal box</b>	Mounted on Stator
<b>Type of protection</b>	IP54
<b>Thermal class</b>	THCL155
<b>Connection diagram</b>	1360-108XA
<b>Rating plate</b>	1x fixed
<b>Fitting position</b>	H/Vu/Vo
<b>Motor protection</b>	thermal contact
<b>Impregnation</b>	Moisture and hot climate protection
<b>Quality of bearings</b>	ball bearing with long-time lubrication
<b>Material Rotor</b>	Aluminium
<b>Painting rotor</b>	unpainted
<b>Material blades</b>	aluminium
<b>Painting impeller</b>	unpainted
<b>Guard grille type</b>	ring grille
<b>Other</b>	All connecting elements in stainless steel.
<b>Characteristic rest2</b>	All connecting elements secured with Loctite.
<b>Painting mot.suspens</b>	Motor suspension powder-coated consistency class 2
<b>colour suspension</b>	RAL 9005 (jet black)
<b>Weight kg</b>	26,70
<b>ErP Data</b>	Efficiency $\eta_{\text{statA}}$ : 35.3 % Efficiency: $N_{\text{actual}} = 40.6 / N_{\text{target}} = 40^*$ *ErP 2015



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### 4. Connection diagram

#### Connection diagram

#### 1360-108XA

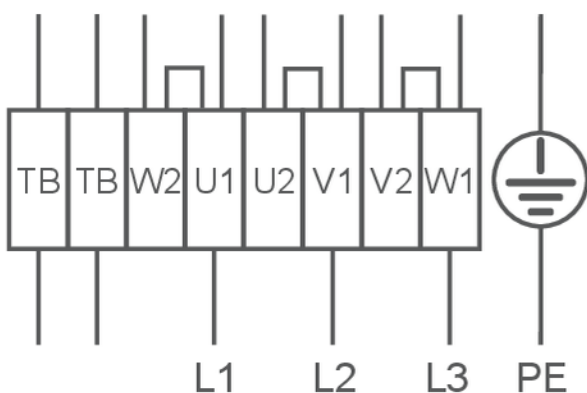
#### Description

3~ motor, 2 speeds (D/Y switch over) with thermostatic switch (if built in).  
Without bridge when using speed change-over switch.

#### Cable colours

U1 brown  
V1 blue  
W1 black  
U2 red  
V2 grey  
W2 orange  
TB white

#### High speed/D-connection



#### Low speed/Y-connection

