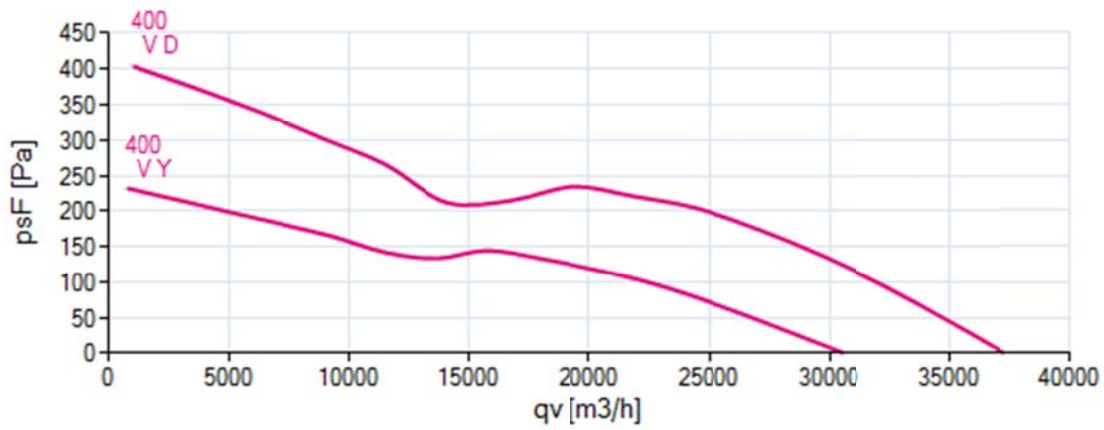


1. Product specification

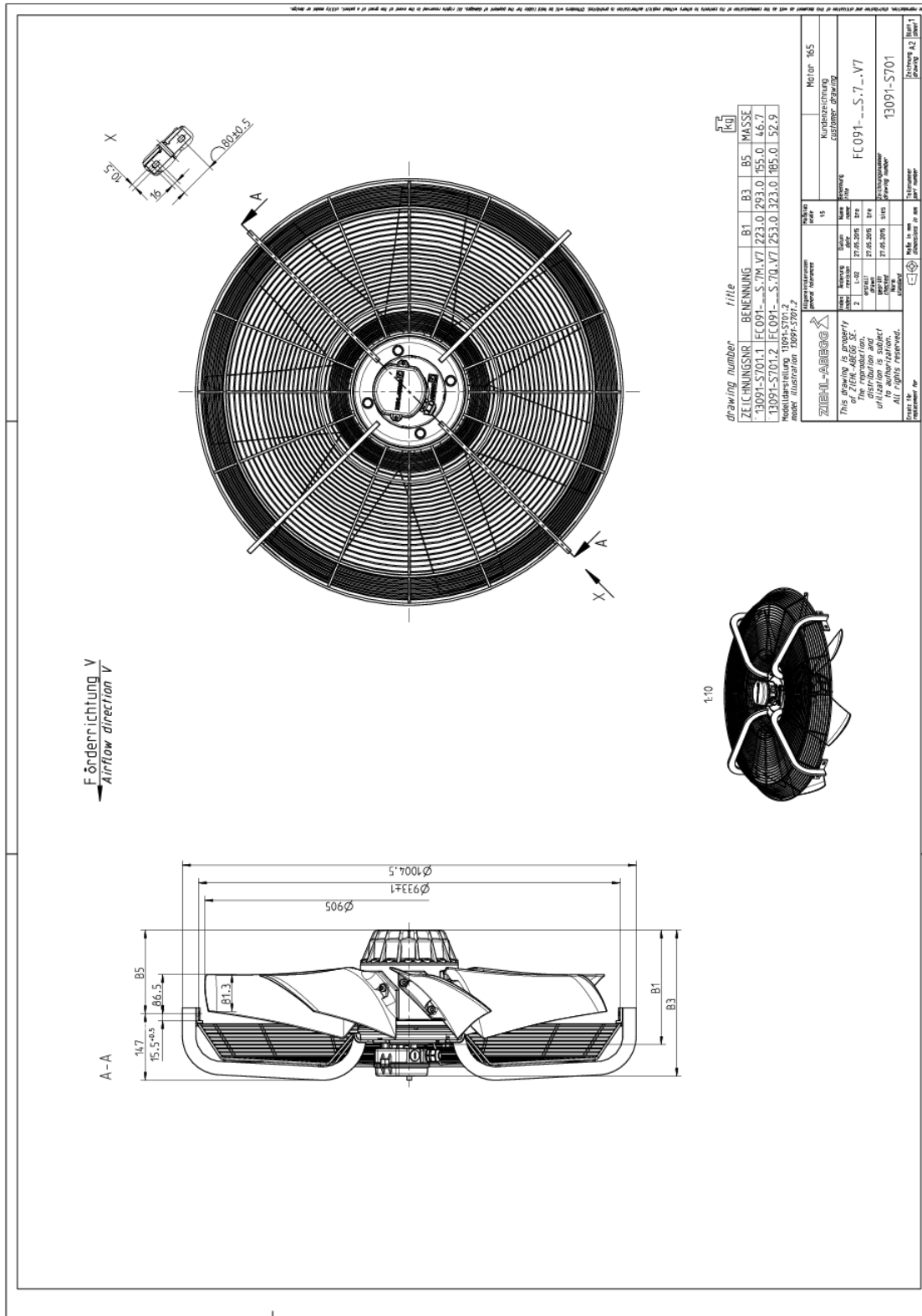
Technical data

Article number	141690
Type	FC091-SDS.7Q.V7
Designation	Axial fan with diecast blades
Rated values	3~400V±10% D/Y 50Hz P ₁ 3,60/2,50kW 7.20/ 4.30A ΔI=5% 890/ 700/min COSY 0,72 60°C
Electrical connection	Terminal box K07
Min. operating temperature °C	-40
Mounting type terminal box	Mounted on Stator
Type of protection	IP54
Thermal class	THCL155
Connection diagram	1360-108XA
Rating plate	1x fixed
Fitting position	H/Vu/Vo
Motor protection	thermal contact
Impregnation	Moisture and hot climate protection
Quality of bearings	ball bearing with long-time lubrication
Material Rotor	Aluminium
Painting rotor	Rotor 1 coat painted
colour rotor	RAL 9005 (jet black)
Material blades	Aluminium
Painting impeller	1 coat painted
Colour blades	RAL 9005 (jet black)
Painting mot.suspens	Motor suspension 1 coat paint
colour suspension	RAL 9005 (jet black)
Weight kg	52,90
ErP Data	Efficiency η_{stata} : 38,3 % Efficiency grade: $N_{\text{actual}} = 41,2 / N_{\text{target}} = 40^*$ *ErP 2015

2. Characteristic curve



3. Drawing



Dimensions in mm
Shown drawing is just to show the dimensions of the fan.

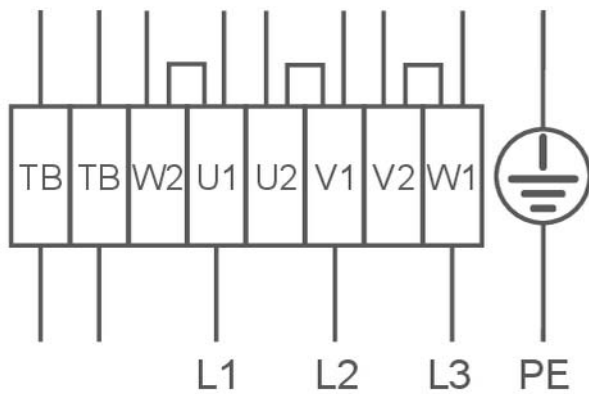
4. Connection diagram

1360-108XA

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

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

High speed/D-connection



Low speed/Y-connection

