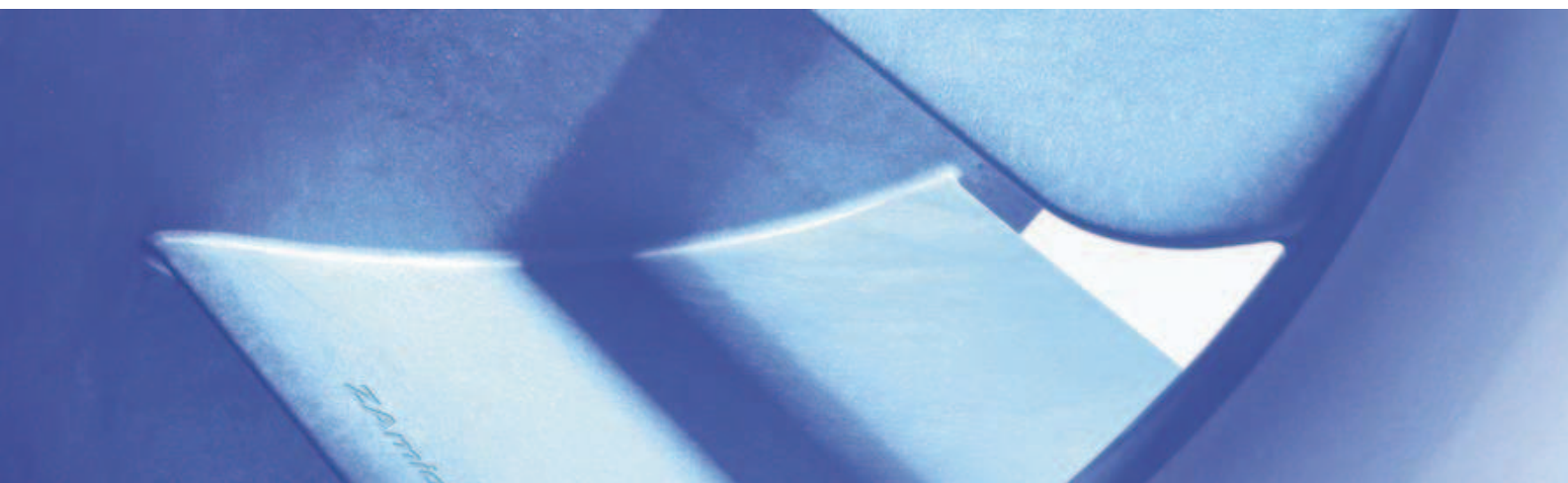


Movement by Perfection



The Royal League in **ventilation**, control and drive technology



Product documentation

Type
RH28M-2DK.3F.1R

Article number
113462

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1. Product specification

Technical data

Article number	113462
Type	RH28M-2DK.3F.1R
Designation	Single inlet impeller with backward curved blades.
Rated values	3~400V $\pm 10\%$ Y 50Hz P ₁ 0,53kW 0,95A 2750/min COSY 0,81 3~460V $\pm 10\%$ Y 60Hz P ₁ 0,86kW 1,25A 3220/min COSY 0,87
Electrical connection	Supply cable side, 6x1,00mm ² and 3x0,205mm ² x 55cm
Min. operating temperature [°C]	-40
Cable quality	SC 500 HDTR/ Li6Y6Y
Material impeller	Impeller made of aluminium
Painting impeller	unpainted
Connection diagram	ohne
Installation position	H/Vu
Motor protection	thermal contact
Type of protection	IP10
Thermal class	Thermal class 155
Balancing	6,3
Special connection	Design with speed sensing.
Quality of bearings	ball bearing with long-time lubrication
Field of application	Conceived for individual application in railways. Bahnbetrieb.
Labelling UL/CSA	MK092-2DK.10.U
Certification	Motor-Recognized Component
Other	Design with speed sensing.
Other	All attaching parts secured with Loctite.
Weight kg	7,20
ErP Data	Efficiency η_{statA} : 48,7 % Efficiency grade: $N_{actual} = 62,0 / N_{target} = 62^*$ *ErP 2015

2. Characteristic Curve

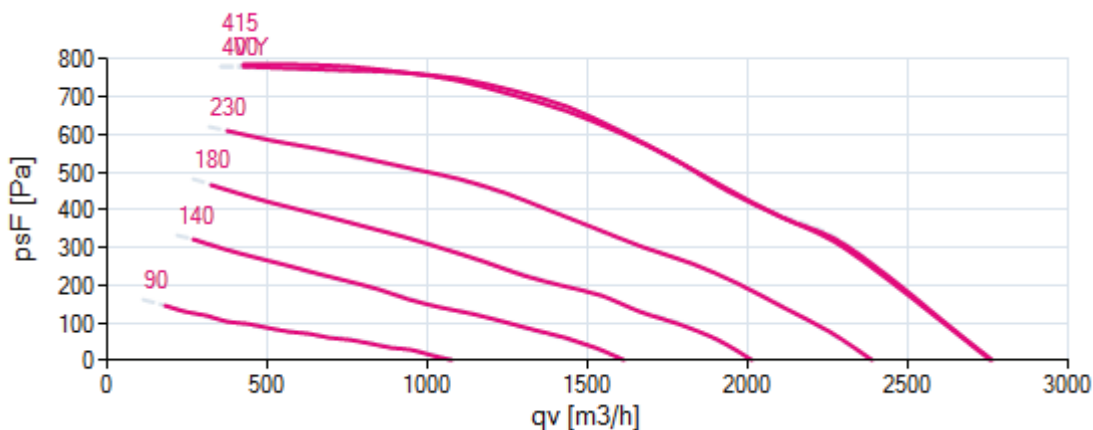
RH28M-2DK.3F.1R

medido em embocadura standard em instalação de tipo A de acordo com ISO 5801

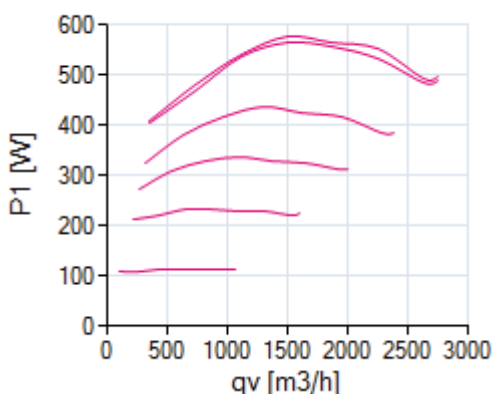
3~ 400V 50Hz Y

Measurement air density 1,16 kg/m³

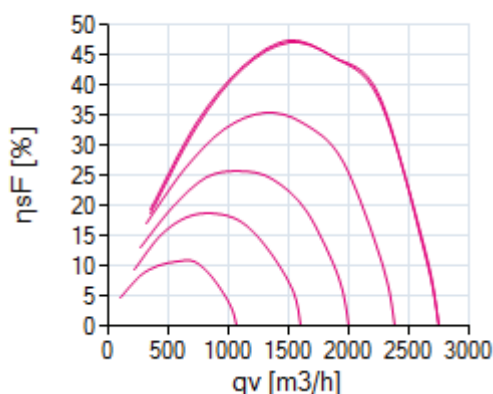
Air performance



Power input



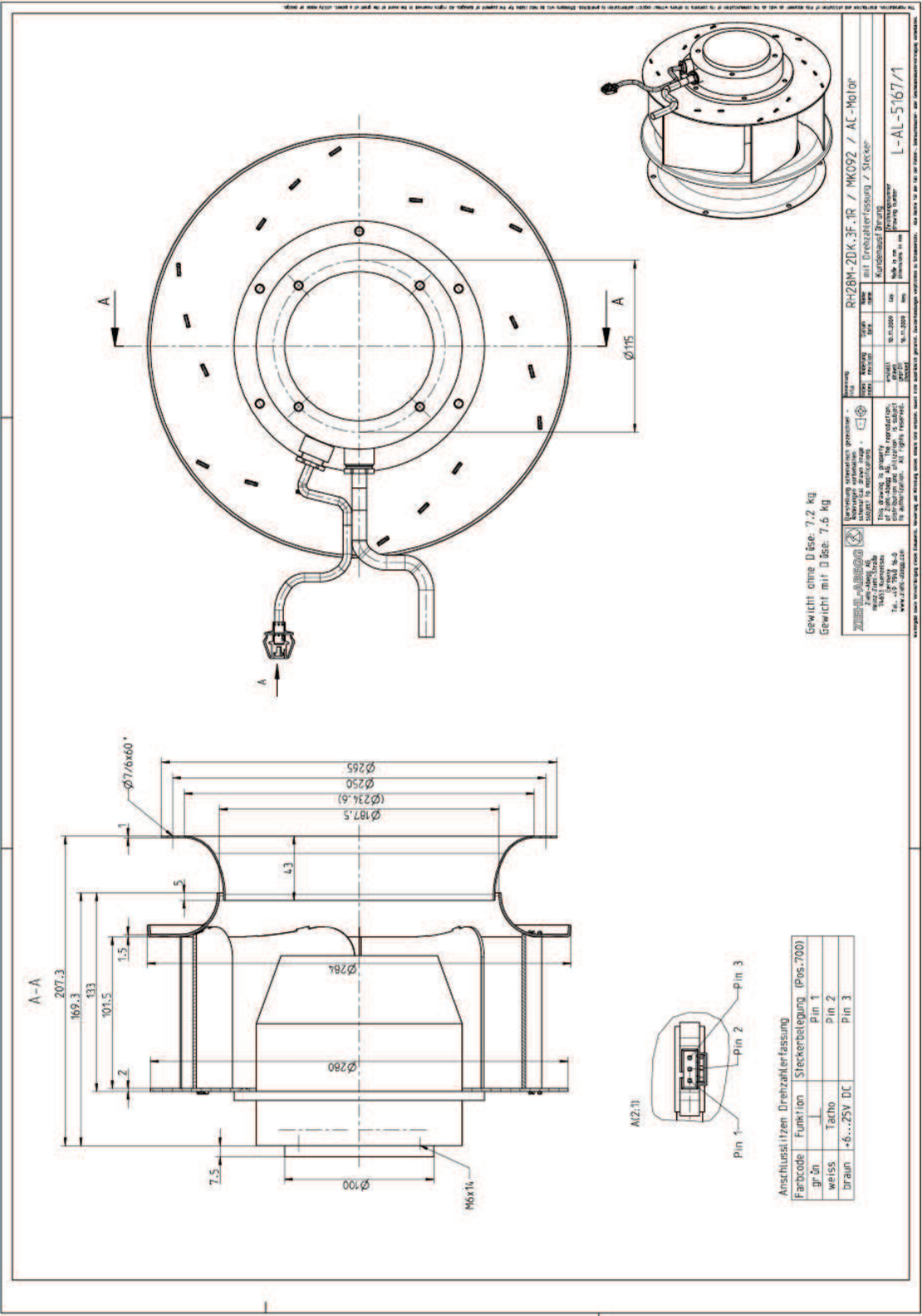
Efficiency



Please note: It's not allowed to use this fan in the stall area!*

, Q GRX EW S OH D V H DV N \ R % U H V S R Q Q/H E F R Q W, D F/W

3. Drawing



Dimensions in mm

Shown drawing is just to show the dimensions of the fan.

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