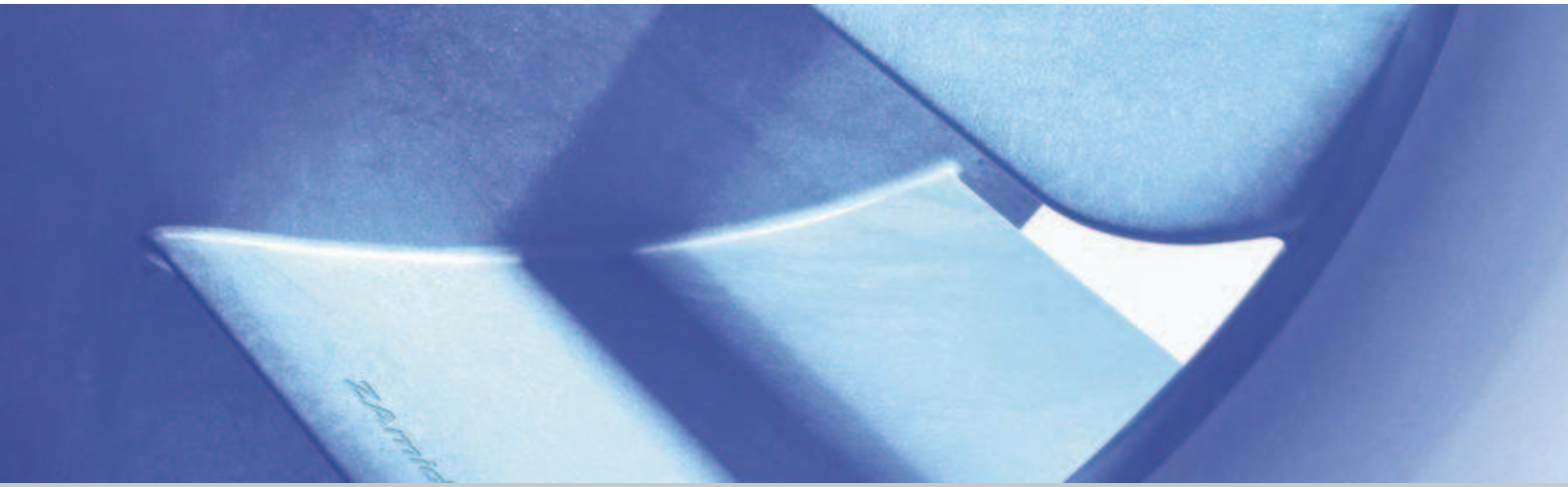
PT

Movement by Perfection



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



Product documentation

Type
RH28M-2EK.3F.1R

Article number
125797

ZIEHL-ABEGG

1. Product specification

Technical data

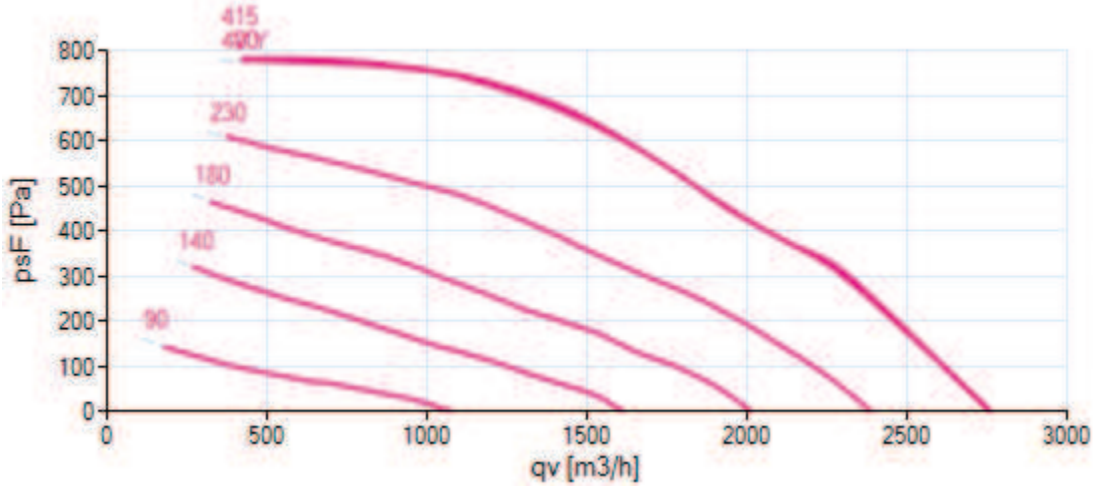
Article number	
Type	RH28M-2EK.3F.1R
Designation	Single inlet impeller with backward curved blades.
Rated values	1~230V ±15% Y 50Hz P_1 0.59kW 70°C 2.6A 2680/min 12 µF/400V 1~230V ±15% Y 60Hz P_1 0.70kW 70°C 3.3A 2550/min 12 µF/400V
Electrical connection	Supply cable side, 6x 1,0mm2 x 55cm
Min. operating temperature [°C]	-40
Cable quality	SC 500 HDTR
Painting stator	_xx
coating rotor	_xx
Material impeller	Impeller made of aluminium
Painting impeller	unpainted
Connection diagram	1360-159XA
Rating plate	1x fixed.
Installation position	H/Vu
Motor protection	thermal contact
Type of protection	IP10
Thermal class	Thermal class 155
Balancing	6,3
Quality of bearings	ball bearing with long-time lubrication
Field of application	Conceived for individual application in
Labelling UL/CSA	MK092-2EK.10.U
Certification	Motor-Recognized Component
Other	All attaching parts secured with Loctite.
Weight kg	7,20
ErP Data	Efficiency η_{statA}: 48.7 % Efficiency: N_{actual} = 62.0 / N_{target} = 62* *ErP 2015

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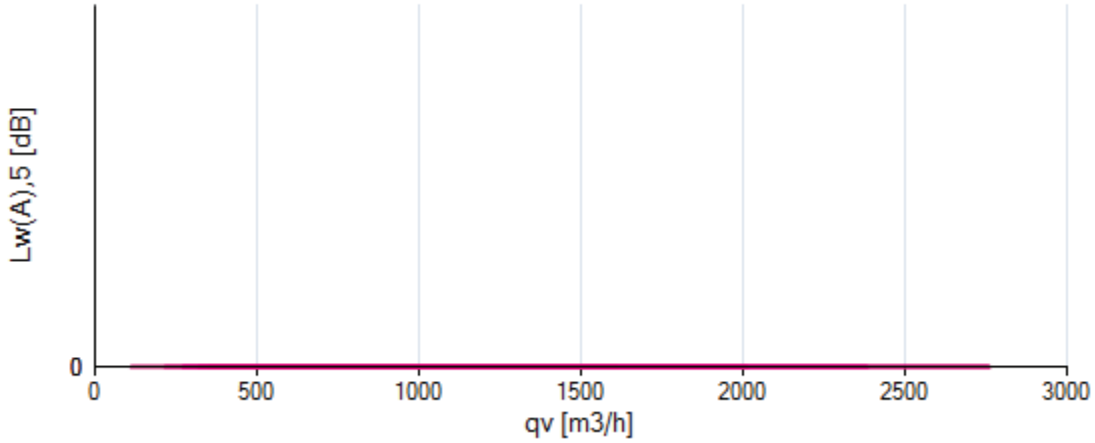
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2. Characteristic Curve

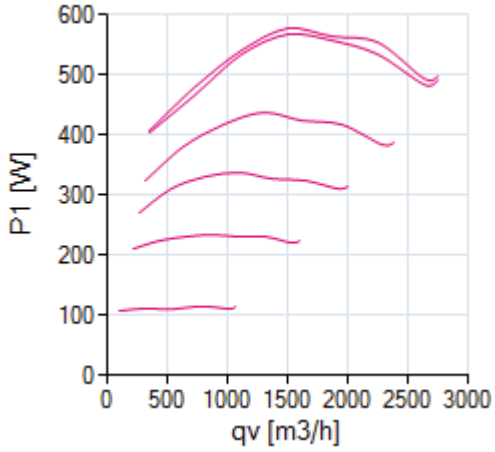
Air performance



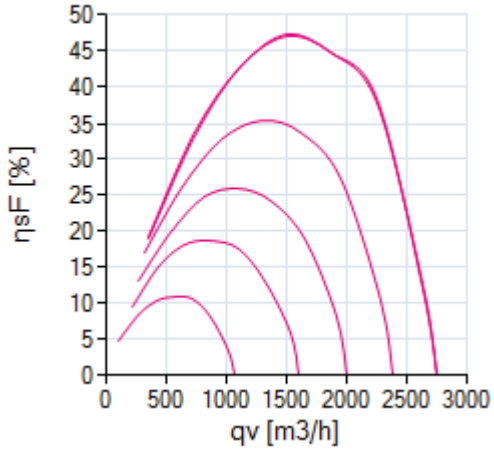
Acoustics



Power input



Efficiency

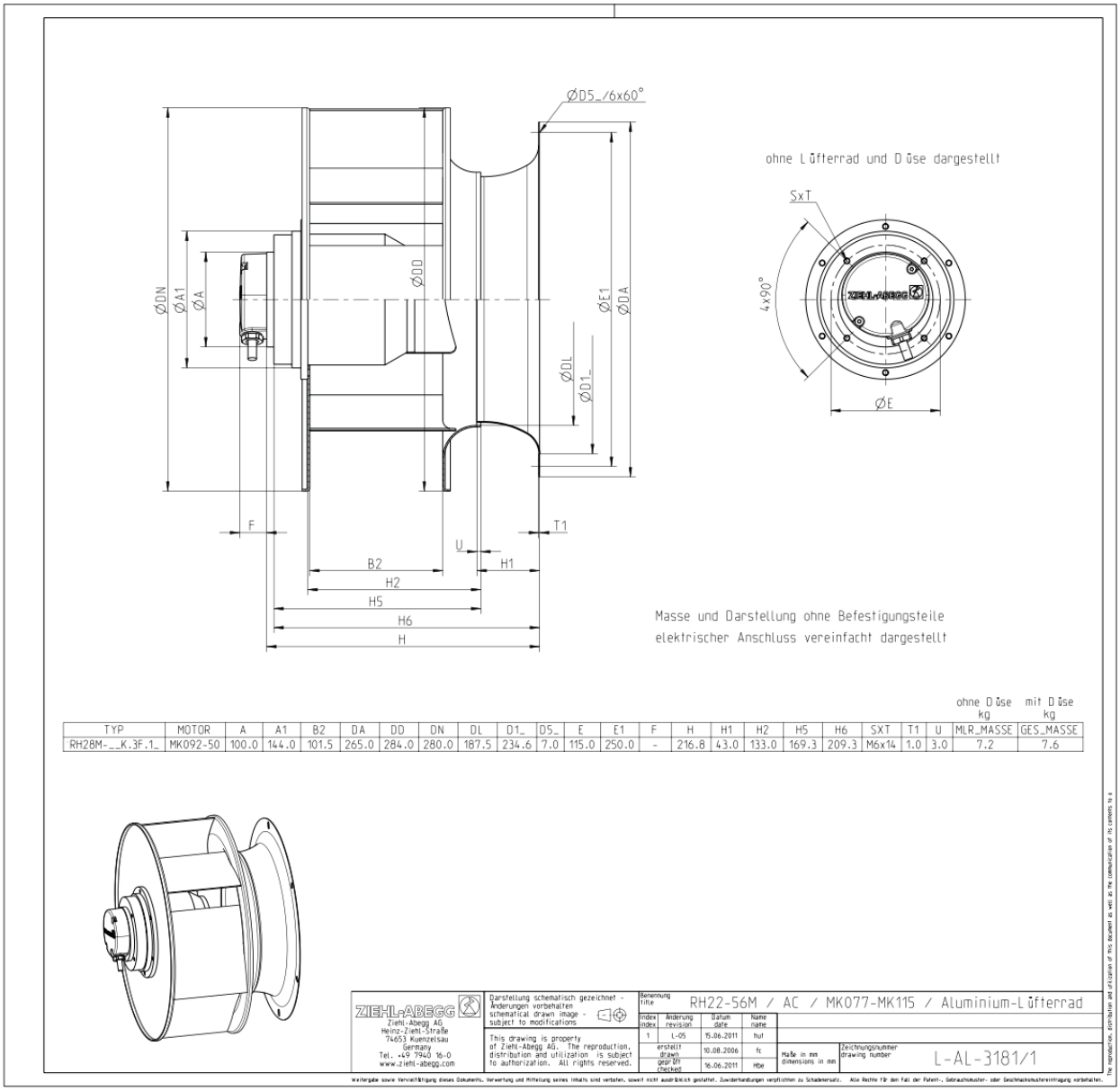


P H DVXUHG LQ VWDQGDUGGDWDGOODPWL[HE LWQSH $ DFFRUGLQJ W

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3. Drawing



TYP	MOTOR	A	A1	B2	DA	DD	DN	DL	D1_	D5_	E	E1	F	H	H1	H2	H5	H6	SXT	T1	U	ohne Düse kg MLR_MASSE	mit Düse kg GES_MASSE
RH28M-__K.3F.1_	MK092-50	100.0	144.0	101.5	265.0	284.0	280.0	187.5	234.6	7.0	115.0	250.0	-	216.8	43.0	133.0	169.3	209.3	M6x14	1.0	3.0	7.2	7.6

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Darstellung schematisch gezeichnet - Änderungen vorbehalten
schematical drawn image - subject to modifications

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Benennung / Title: RH22-56M / AC / MK077-MK115 / Aluminium-Lüfterrad

Index	Änderung / revision	Datum / date	Name / name
1	L-05	15.06.2011	hut
erstellt / drawn		10.08.2006	fc
gepr. / checked		16.06.2011	Hbe

Maße in mm / dimensions in mm

Zeichnungsnummer / drawing number: L-AL-3181/1

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

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