W2D200-CA02-02

AC axial fan

straight blades (A series)

with full round nozzle

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Nominal data

Type	**W2D200-CA02-02**
Motor	**M2D068-CF**

Phase		3~	3~		3~
Nominal voltage	[V]	230	230	400	400
Connection		**D**	**D**	Y	Y
Frequency	[Hz]	50	60	50	60
Type of data definition		rfa	rfa	rfa	rfa
Valid for approval / standard		CE	CE	CE	CE
Speed	[min^{-1}]	2800	3150	2800	3150
Power input	[W]	53	70	53	70
Current draw	[A]	0.26	0.24	0.15	0.14
Max. back pressure	[Pa]	200	300	200	300
Max. ambient temperature	[°C]	75	75	75	75

ml = max. load · me = max. efficiency · rfa = running at free air · cs = customer specs · cu = customer unit
Subject to alterations

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Technical features

Leackage current	< 0.75 mA
Size	200 mm
Operation mode	S1
Direction of rotation	Clockwise, seen on rotor
Mounting position	Shaft horizontal or rotor on top; rotor on bottom on request
Humidity class	F1-2
Direction of air flow	"A"
Insulation class	"B"
Cable exit	Lateral
Condensate discharge holes	Rotor-side
Motor bearing	Ball bearing
Mass	2.6 kg
Material of impeller	Sheet steel, coated in black
Material of guard grille	Steel, phosphated and coated in black plastic
Material of wall ring	Sheet steel, galvanised
Product conforming to standard	EN 60335-1
Surface of rotor	Coated in black
Number of blades	5
Type of protection	IP 44; Depending on installation and position as per EN 60034-5
Protection class	I
Max. permissible ambient motor temp. (transp./ storage)	+ 80 °C
Min. permissible ambient motor temp. (transp./storage)	- 40 °C
Approval	CCC

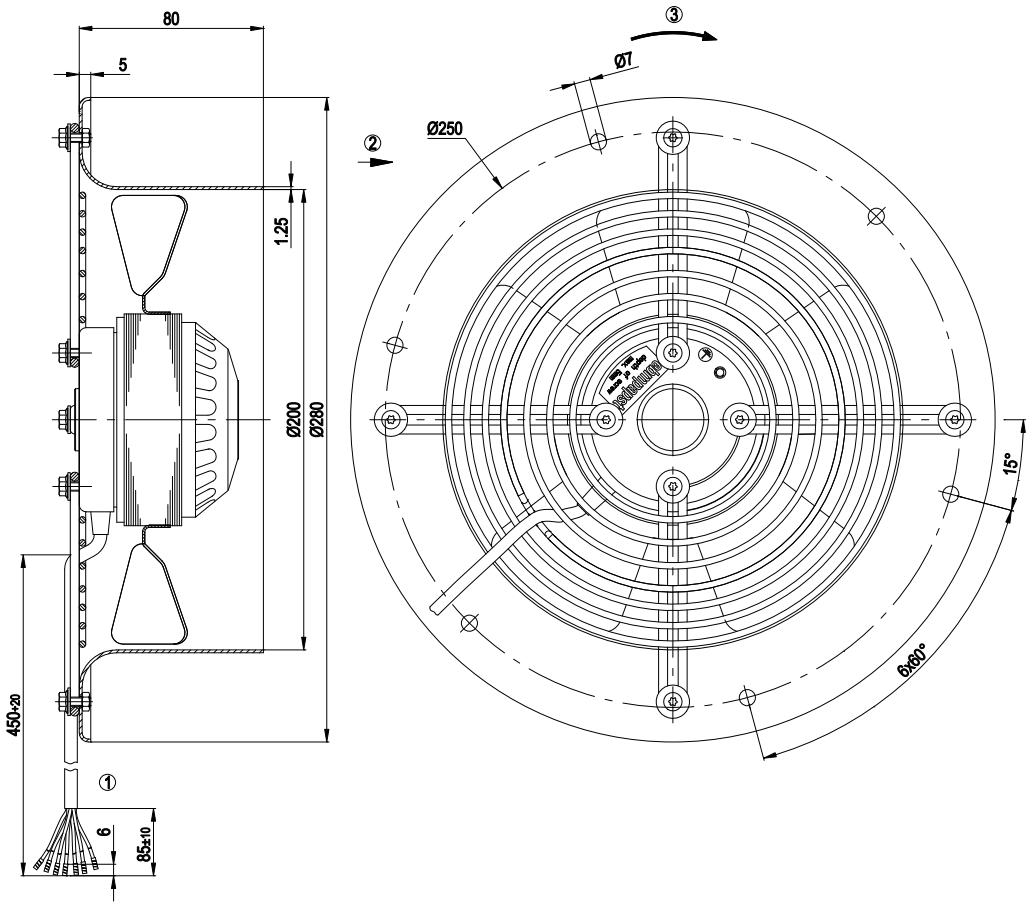
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Product drawing



1	Connection line PVC 7G 0.5 mm², 7x brass lead tips crimped
2	Direction of air flow "A"
3	Direction of rotation counter-clockwise, seen on rotor

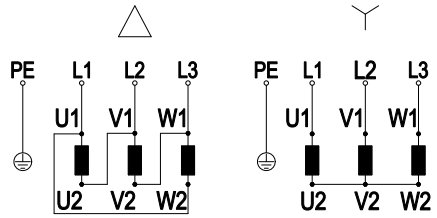
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Connection screen



Note: Direction of rotation changes when two phases are reversed

Δ	Delta connection	Y	Star connection	L1	black
L2	blue	L3	brown	U1	black
V1	blue	W1	brown	U2	green
V2	white	W2	yellow	PE	green/yellow

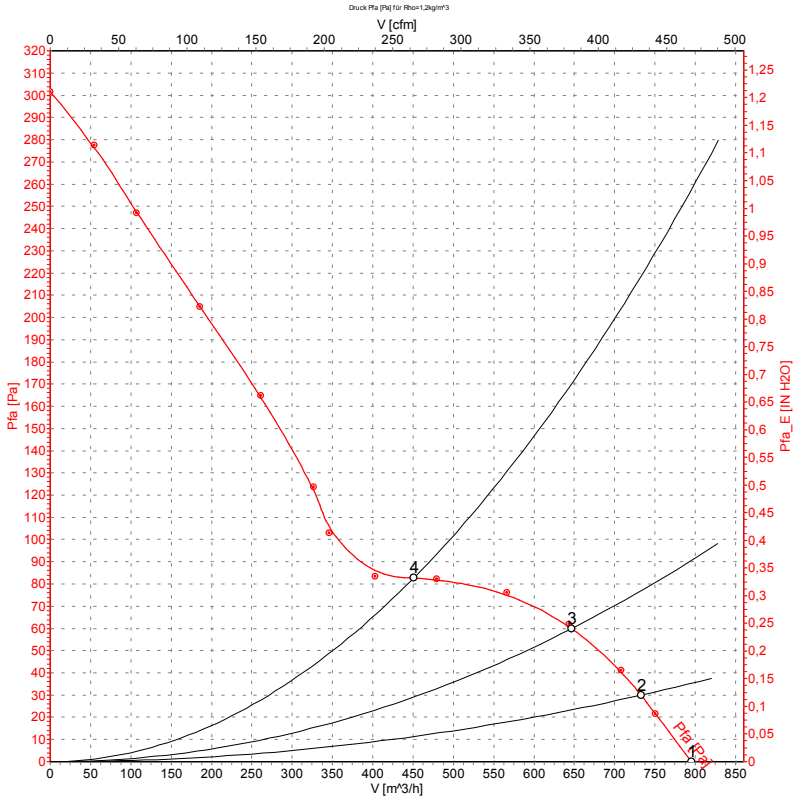
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Charts: Air flow 50 Hz



Measurement: LU-58516

Measured values

	U	f	n	P_1	I	$\dot{V}$	p_{fa}
	[V]	[Hz]	[min^{-1}]	[W]	[A]	[m^3/h]	[Pa]
1	400	50	2800	53	0.15	800	0
2	400	50	2800	54	0.15	735	30
3	400	50	2800	56	0.15	645	60
4	400	50	2800	52	0.15	450	83

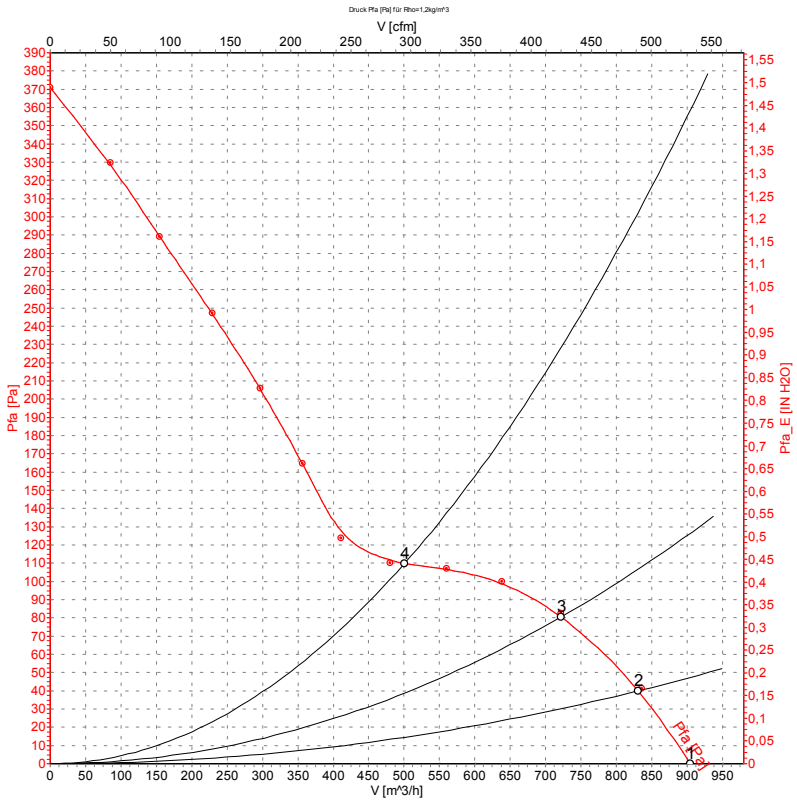
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Charts: Air flow 60 Hz



Measurement: LU-58517

Measured values

	U	f	n	P_1	I	$\dot{V}$	p_{fa}
	[V]	[Hz]	[min^{-1}]	[W]	[A]	[m^3/h]	[Pa]
1	400	60	3150	70	0.14	910	0
2	400	60	3150	71	0.14	830	40
3	400	60	3150	74	0.14	720	80
4	400	60	3150	69	0.13	500	110

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