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**Nominal data**

<b>Type</b>	<b>W2S130-BM03-01</b>		
<b>Motor</b>	<b>M2S052-CA</b>		
Phase		1~	1~
Nominal voltage	[V]	230	230
Frequency	[Hz]	50	60
Type of data definition		rfa	rfa
Valid for approval / standard		CE	CE
Speed	[min <sup>-1</sup> ]	2700	3050
Power input	[W]	47	46
Current draw	[A]	0.31	0.27
Max. ambient temperature	[°C]	50	70

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

### Technical features

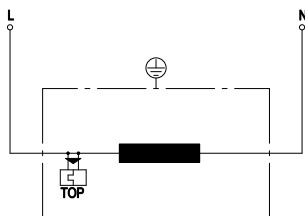
Leakage current	< 0.75 mA
Size	130 mm
Operation mode	S1
Direction of rotation	Counter-clockwise, seen on rotor
Mounting position	Any
Direction of air flow	"A"
Insulation class	"B"
Condensate discharge holes	None
Bearing motor	Ball bearing
Mass	1.1 kg
Housing material	Die-cast aluminum, coated in black
Material of impeller	Sheet steel, coated in black
Motor protection	Thermal overload protector (TOP) wired internally
Product conforming to standard	CE; EN 60335-1
Surface of rotor	Rotor open, coated in black
Number of blades	5
Type of protection	IP 20
Protection class	I
Max. permissible ambient motor temp. (transp./ storage)	+ 80 °C
Min. permissible ambient motor temp. (transp./storage)	- 40 °C
Approval	CCC; CSA C22.2 Nr.113; GOST; UL 507; VDE

## Product drawing



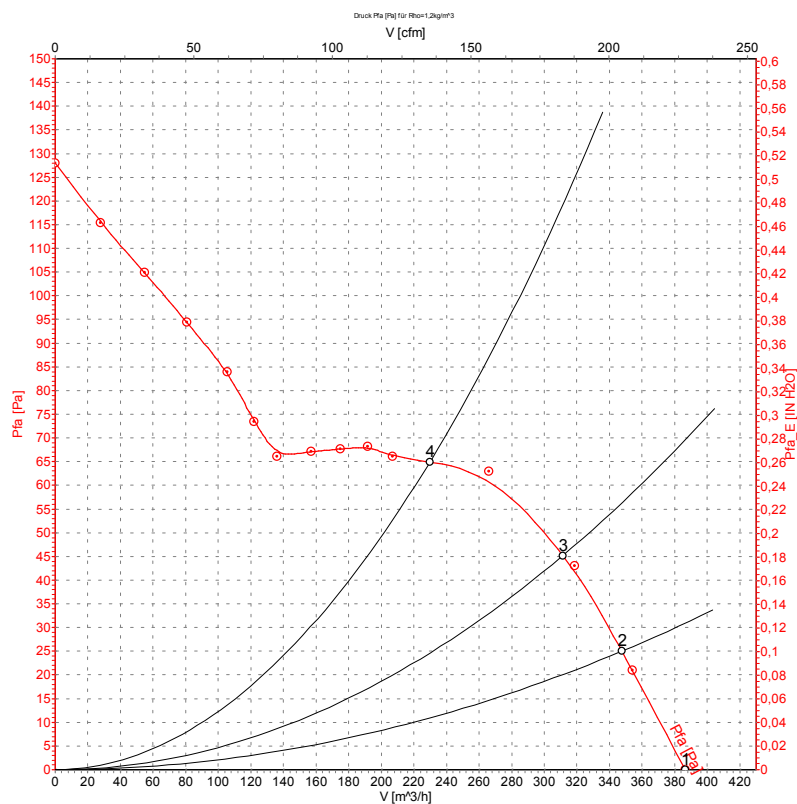
- |   |   |
|---|---|
| 1 | Direction of air flow "A"                         |
| 2 | Connection line AWG20, 2x brass lead tips crimped |

## Connection screen



- |     |                              |
|-----|------------------------------|
| L   | = black                      |
| N   | = black                      |
| TOP | = Thermal overload protector |

## Charts: Air flow 50 Hz

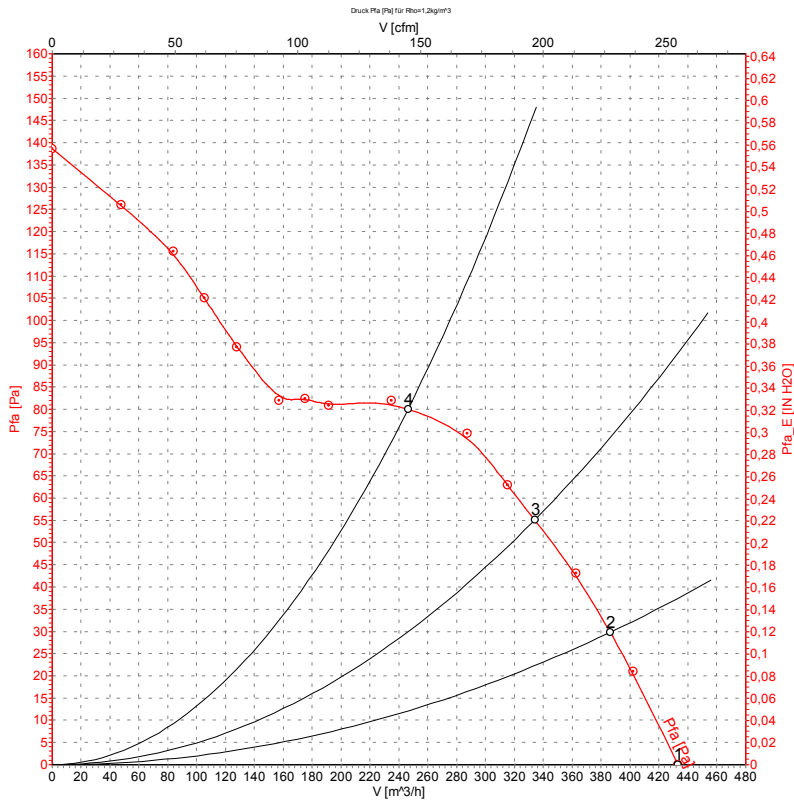


Measurement: LU-57321

### Measured values

	U	f	n	P <sub>1</sub>	I	$\hat{V}$	P <sub>fa</sub>
	[V]	[Hz]	[min <sup>-1</sup> ]	[W]	[A]	[m³/h]	[Pa]
1	230	50	2760	47	0.31	385	0
2	230	50	2735	50	0.33	350	25
3	230	50	2730	51	0.33	310	45
4	230	50	2710	51	0.33	230	65

## Charts: Air flow 60 Hz



Measurement: LU-57322

### Measured values

	U	f	n	P <sub>1</sub>	I	Ŷ	P <sub>fa</sub>
	[V]	[Hz]	[min <sup>-1</sup> ]	[W]	[A]	[m³/h]	[Pa]
1	230	60	3050	46	0.27	435	0
2	230	60	3025	50	0.29	385	30
3	230	60	2970	51	0.29	335	55
4	230	60	2940	52	0.30	245	80