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**Nominal data**

Type	S6E350-AN24-50				
Motor	M6E074-DF				
Phase		1~	1~	1~	1~
Nominal voltage	VAC	230	230	240	240
Frequency	Hz	50	60	50	60
Type of data definition		ml	ml	ml	ml
Valid for approval / standard		CE	CE	CE	CE
Speed	min <sup>-1</sup>	910	1020	910	1040
Power input	W	75	95	80	96
Current draw	A	0.35	0.42	0.36	0.41
Motor capacitor	µF	2	2	2	2
Capacitor voltage	VDB	400	400	450	450
Capacitor standard		P0 (CE)	P0 (CE)	P0 (CE)	P0 (CE)
Max. back pressure	Pa	40	50	40	53
Min. ambient temperature	°C	-25	-25	-25	-25
Max. ambient temperature	°C	50	55	50	55
Starting current	A	0.56	0.51	0.57	0.52

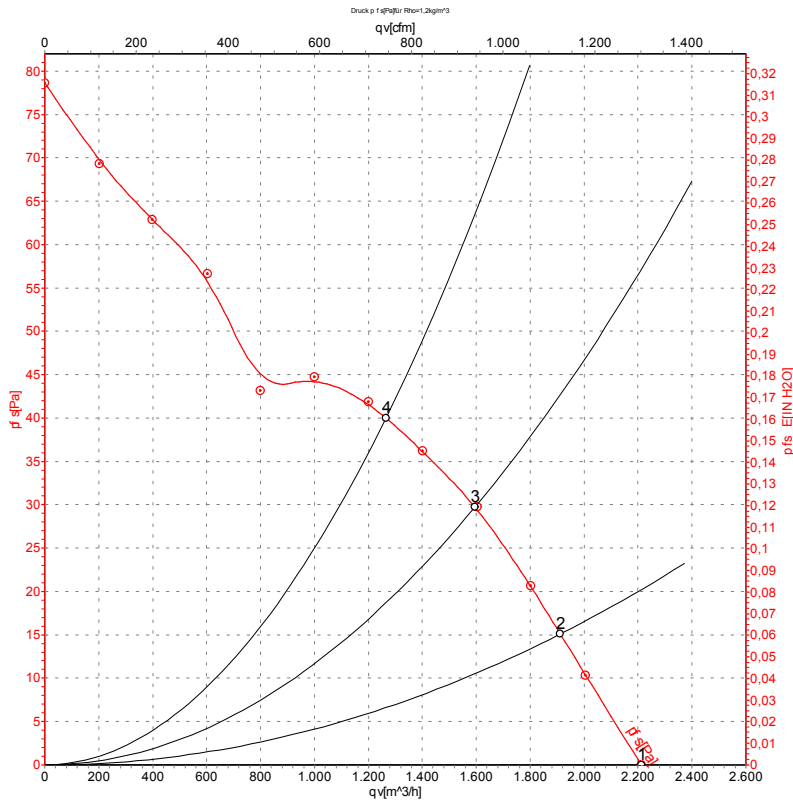
ml = max. load · me = max. efficiency · fa = running at free air · cs = customer specs · cu = customer unit  
 Subject to alterations



## Technical features

<b>Mass</b>	5.2 kg
<b>Size</b>	350 mm
<b>Surface of rotor</b>	Coated in black
<b>Material of terminal box</b>	ABS plastic, black
<b>Material of blades</b>	Press-fitted sheet steel blank, sprayed with PP plastic
<b>Material of guard grille</b>	Steel, phosphated and coated in black plastic
<b>Number of blades</b>	5
<b>Direction of air flow</b>	"V"
<b>Direction of rotation</b>	Counter-clockwise, seen on rotor
<b>Type of protection</b>	IP 44; Depending on installation and position as per EN 60034-5
<b>Insulation class</b>	"B"
<b>Humidity class</b>	F1-2
<b>Max. permissible ambient motor temp. (transp./ storage)</b>	+ 50 °C
<b>Min. permissible ambient motor temp. (transp./storage)</b>	- 40 °C
<b>Mounting position</b>	Shaft horizontal or rotor on bottom; rotor on top on request
<b>Operation mode</b>	S1
<b>Motor bearing</b>	Ball bearing
<b>Touch current acc. IEC 60990 (measuring network Fig. 4, TN system)</b>	< 0.75 mA
<b>Electrical leads</b>	Via terminal box, integrated capacitor connected via terminal box
<b>Motor protection</b>	Thermal overload protector (TOP) wired internally
<b>Cable exit</b>	Axial
<b>Protection class</b>	I (if protective earth is connected by customer)
<b>Product conforming to standard</b>	EN 60335-1; CE

## Charts: Air flow 50 Hz



Measurement: LU-131056

Air performance measured as per ISO 5801 Installation category A. For detailed information on the measuring set-up, please contact ebm-papst. Suction-side noise levels: LwA measured as per ISO 13347 / LpA measured with 1m distance to fan axis. The values given are valid under the measuring conditions mentioned above and may vary according to the actual installation situation. With any deviation from the standard set-up, the specific values have to be checked and reviewed with the unit installed.

## Measured values

	U	f	n	P <sub>e</sub>	I	LpA <sub>in</sub>	LwA <sub>in</sub>	qv	p <sub>fs</sub>
	V	Hz	min <sup>-1</sup>	W	A	dB(A)	dB(A)	m <sup>3</sup> /h	Pa
1	230	50	930	67	0.32	51	59	2210	0
2	230	50	925	69	0.33	49	57	1910	15
3	230	50	915	72	0.34	47	54	1595	30
4	230	50	910	75	0.35	45	53	1265	40

U = Supply voltage · f = Frequency · n = Speed · P<sub>e</sub> = Power input · I = Current draw · LpA<sub>in</sub> = Sound pressure level inlet side · LwA<sub>in</sub> = Sound power level inlet side · qv = Air flow  
 p<sub>fs</sub> = Pressure increase

