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Nominal data

Type	S6E560-AN01-01				
Motor	M6E110-GF				
Phase		1~	1~	1~	1~
Nominal voltage	[V]	230	230	230	230
Frequency	[Hz]	50	50	60	60
Type of data definition		ml	ml	ml	ml
Valid for approval / standard		CE	CE	CE	CE
Speed	[min ⁻¹]	920	920	1010	1010
Power input	[W]	390	390	570	570
Current draw	[A]	1.78	1.78	2.48	2.48
Motor capacitor	[μF]	10	10	10	10
Capacitor voltage	[VDB]	400	400	400	400
Max. back pressure	[Pa]	80	80	95	95
Max. ambient temperature	[°C]	65	65	55	55

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

Subject to alterations

Technical features

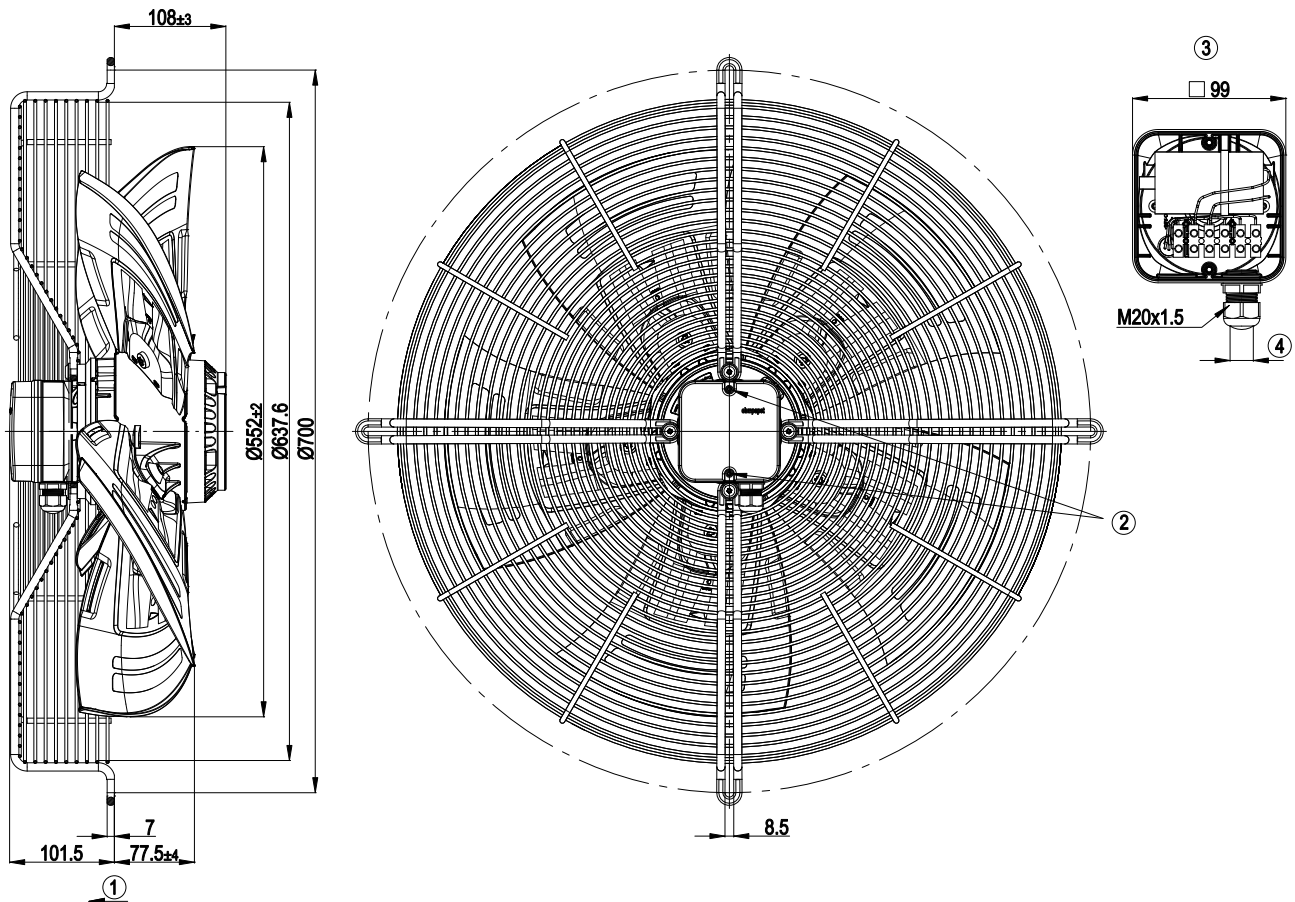
Leakage current	<= 3.5 mA
Size	560 mm
Operation mode	S1
Direction of rotation	Counter-clockwise, seen on rotor
Mounting position	Shaft horizontal or rotor on bottom; rotor on top on request
Electrical leads	Via terminal box, integrated capacitor connected via terminal box
Humidity class	F3-1
Blade angle	-5°
Direction of air flow	"V"
Insulation class	"F"
Cable exit	Axial
Condensate discharge holes	Rotor-side
Bearing motor	Ball bearing
Mass	13 kg
Material of terminal box	PC/ABS plastic, black
Material of blades	Aluminium sheet insert, sprayed with PP plastic
Material of guard grille	Steel, phosphated and coated in black plastic
Motor protection	Thermal overload protector (TOP) brought out
Product conforming to standard	CE; EN 60034
Surface of rotor	Cast in aluminium
Number of blades	5
Type of protection	IP 54
Protection class	I
Max. permissible ambient motor temp. (transp./ storage)	+ 80 °C
Min. permissible ambient motor temp. (transp./storage)	- 40 °C
Approval	CSA C22.2 Nr.100; GOST; UL 1004-1; VDE

AC axial fan - HyBlade®

sickled blades (S series)

with guard grille for short nozzle

Product drawing

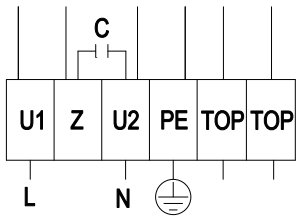


1	Direction of air flow "V"
2	Tightening torque 0.8 ± 0.15 Nm
3	Illustration without terminal box cover
4	Cable diameter: min. 6 mm, max. 12 mm, tightening torque: 2 ± 0.3 Nm

AC axial fan - HyBlade®

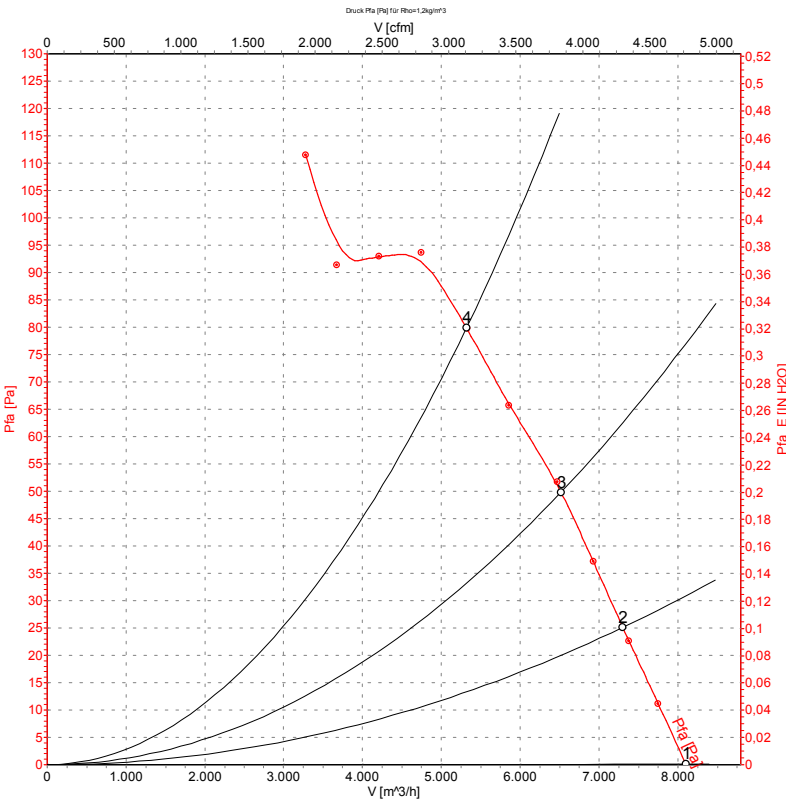
sickled blades (S series)
with guard grille for short nozzle

Connection screen



L	= U1 = blue	Z	brown	N	= U2 = black
PE	green / yellow	TOP	grey		

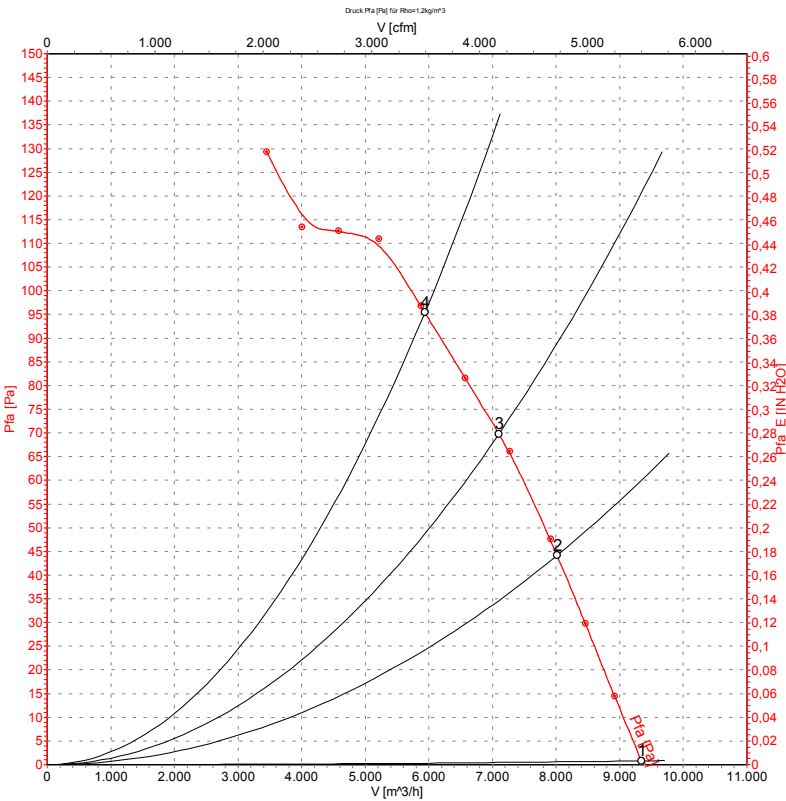
Charts: Air flow 50 Hz



Measured values

	U	f	n	P ₁	I	LpA _{ss}	LpA _{ds}	LwA _{ss}	LwA _{ds}	$\dot{V}$	p _{fa}
	[V]	[Hz]	[min ⁻¹]	[W]	[A]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[m³/h]	[Pa]
1	230	50	945	310	1.46	60	51	66	66	8105	0
2	230	50	935	338	1.56	59	49	65	65	7305	25
3	230	50	930	362	1.66	57	47	64	63	6520	50
4	230	50	920	390	1.78	61	51	67	67	5320	80

Charts: Air flow 60 Hz



Measurement: LU-110462

Measured values

	U	f	n	P ₁	I	LpA _{ss}	LpA _{ds}	LwA _{ss}	LwA _{ds}	$\dot{V}$	p _{fa}
	[V]	[Hz]	[min ⁻¹]	[W]	[A]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[m³/h]	[Pa]
1	230	60	1095	453	1.97	63	55	69	70	9360	0
2	230	60	1065	507	2.20	61	51	68	67	8015	45
3	230	60	1040	535	2.33	60	50	67	66	7100	70
4	230	60	1010	570	2.48	63	53	69	69	5935	95