PAPST

DV6224U - 525 DC Diagonal Fan



Diagonal fan with DC drive. This DC drive employs an electronically commutated external rotor motor with high efficiency at low operating noise. The drive electronics is completely integrated in to the fan hub.

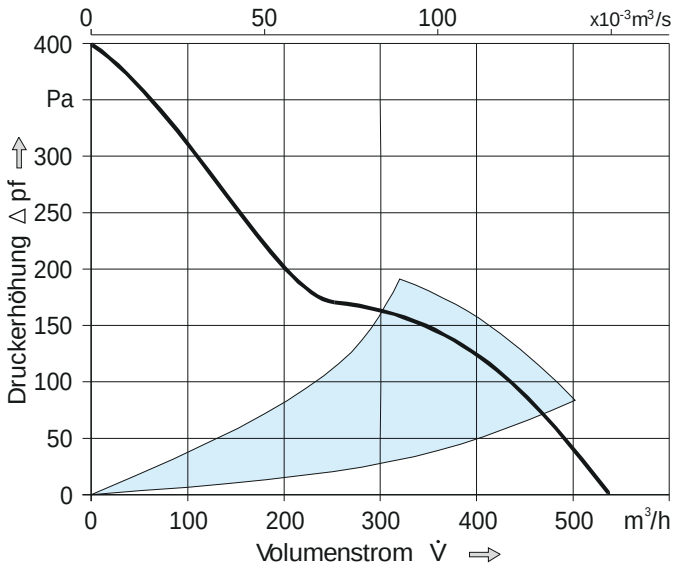
Features

- Low noise level through aerodynamically optimised housing and impeller.
- Electronic motor current limiting during start-op or locking.
- Electronically safeguarded against incorrect polarity.
- Extremely low EMI.
- Fully encapsulated stator, winding and PCB (IP54 protection class).
- Electrical connection via two leadwires AWG22, 1000mm long.

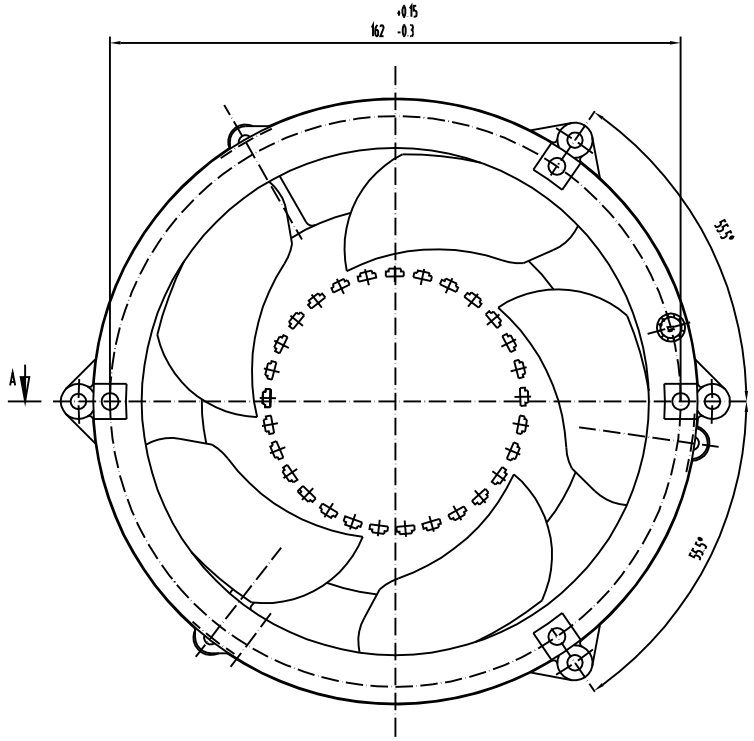
Technical Data

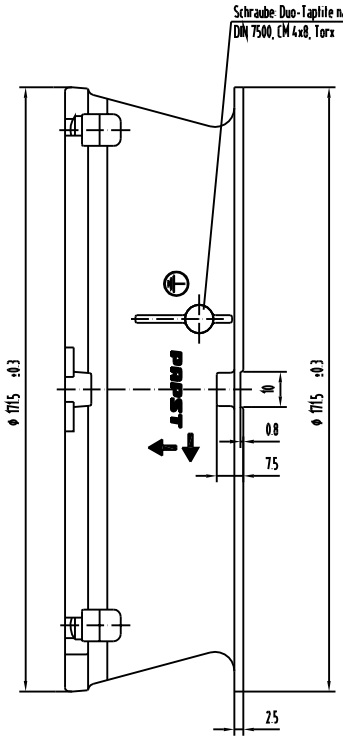
Nominal Voltage	V DC	24
Voltage Range	V DC	16 ... 28
Nominal Speed	min^{-1}	4300
Max. flow rate	m^3/h	540
Max. flow rate	CFM	318
Noise free air	dB(A)	63
Noise in opt. Operating range	bels	7,1
Current consumption	A	1,650
Power consumption	W	40
Perm. Ambient temperature at max. voltage.	°C	-20 ... +75
Service life ($T_{Max)}$	h	40.000
Service life (40 °C)	h	90.000
Approvals		UL, CSA, VDE
Mass	g	820
Bearing system		Ball bearings

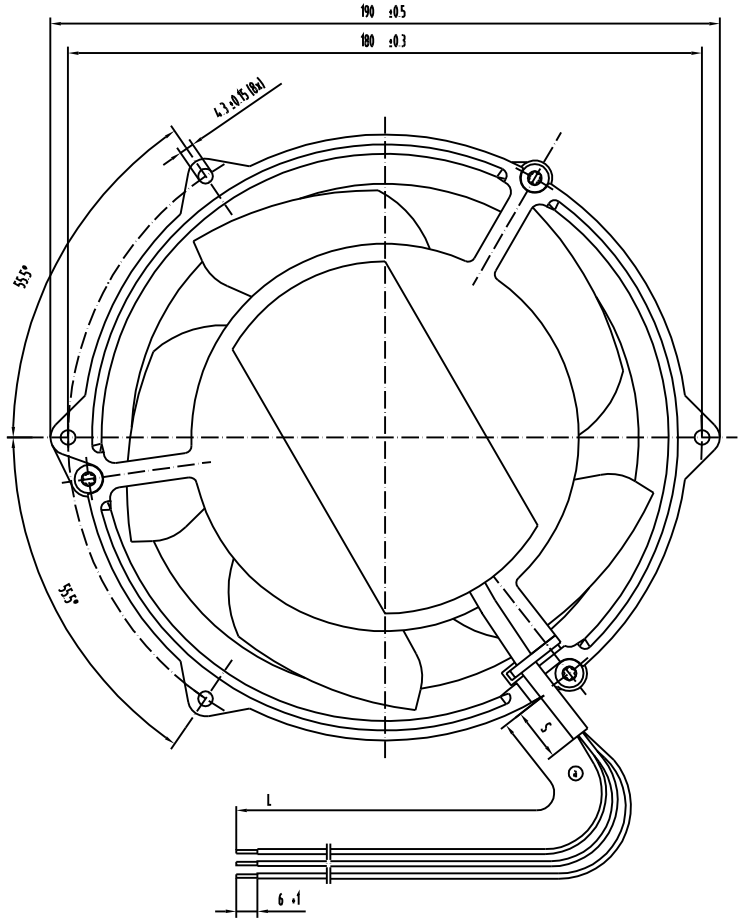
All data are average figures at nominal voltage. Subject to technical change



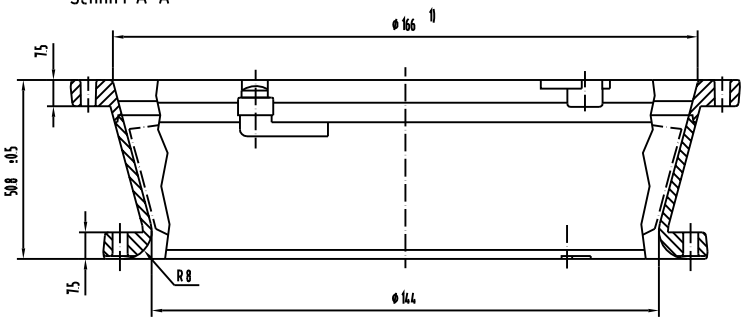
For dimensions please see separate drawing # 9295414502.







Schnitt A-A



1) Durchmesser für Montagewand

Axialspiel: mit Feder spielfrei verspannt

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ⓒ
ⓑ

Anzahl und Länge der Litzen s. By. Bl. 1 ⓔ

Toleranzierung: DIN 7167
Allgemeintoleranzen: DIN 7167 / DIN ISO 2768-mK

Index	Änd.-Nr	Datum	Geändert von
e	101054	05.12.2000	Laufer
d	Ergänzung	17.08.1999	Laufer U.
c	Ergänzung	30.03.1999	Knapp U.
b	98846	20.11.1998	Engel W.
a	98471	16.06.1998	Engel W.

Zur Vergabe im Verteiler freigegeben von Koletzki M. am 27.06.2001

	Datum	Name
Erstellt	28.05.1998	Engel W.
Geprüft	04.06.1998	Wrobel G.

PAPST
PAPST-MOTOREN GmbH & Co KG
D-78112 St.Georgen
Germany

Artikel: Diagonal-Lüfter
Maßstab: 2:1 1:1
Zchg.-Nr: 929 5414 502
Blatt 2
Ers.f.Zchg:
U:\929\5414\502-2.DWG

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Schutzvermerk nach DIN 34 beachten

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