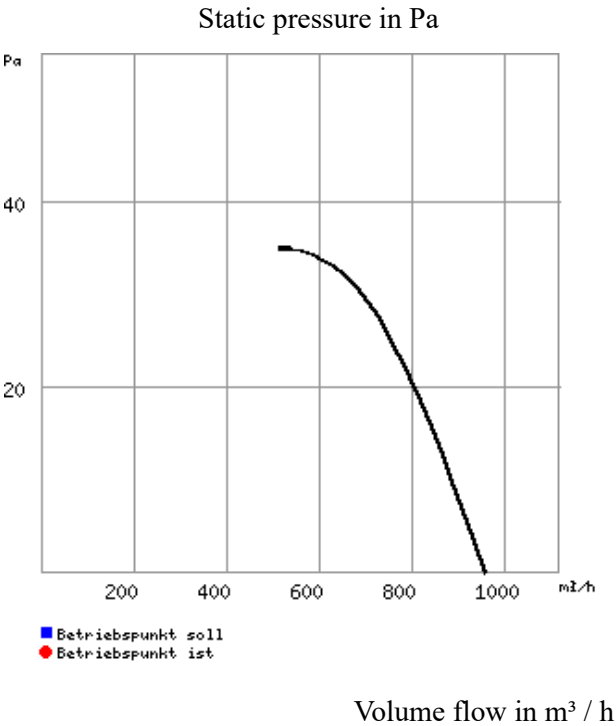


Article: 1016 HWD 250/4
image



Curve graphics



characteristics

item number	1016-021
Article Type	HWD 250/4
Article	Axial high-performance fan 3-PH 400 V 50Hz TK speed controllable
Is pressure	static
Is volume	
Max.Volumen	950 m³ / h
rotational speed	1390 min-1
Electricity unregulated	0.15 A
Starting current unregulated	0.525 A
power	55 W.
tension	400 V / 3 ph / 50 Hz
Max. Temperature	60 ° C (40 ° C if regulated)
Anschlußschemanr.	469
Weight	6.50 kg
delivery time	In stock
Noise data:	
air noise	44 at 4 m
case breakout	
sound spectrum Hz	Ges. 125 250 500 1k 2k 4k 8k
lwa suction dB	64 50 54 61 57 55 50 41
(A)	44 30 34 41 37 35 30 21
lwa pressure side dB	0 0 0 0 0 0 0 0
(A)	
lwa radiation dB	
(A)	

description

HWD 250/4

Axial high-performance fan

3-PH 400 V 50Hz TK

speed controllable

High-performance axial fan with wall mounting ring, inlet nozzle, directly driven.

Wall ring made of galvanized sheet steel, painted twice, color papyrus white, nozzle with protective grille on the suction side. Junction box on the motor.

Impeller with high-performance characteristics with profiled blades made of plastic, aerodynamically optimized for the application, dynamically balanced.

Three-phase squirrel-cage rotor motor, speed control, speed control, thermal contacts, closed design, maintenance-free, sealed, low-noise ball bearings with long-term lubrication.

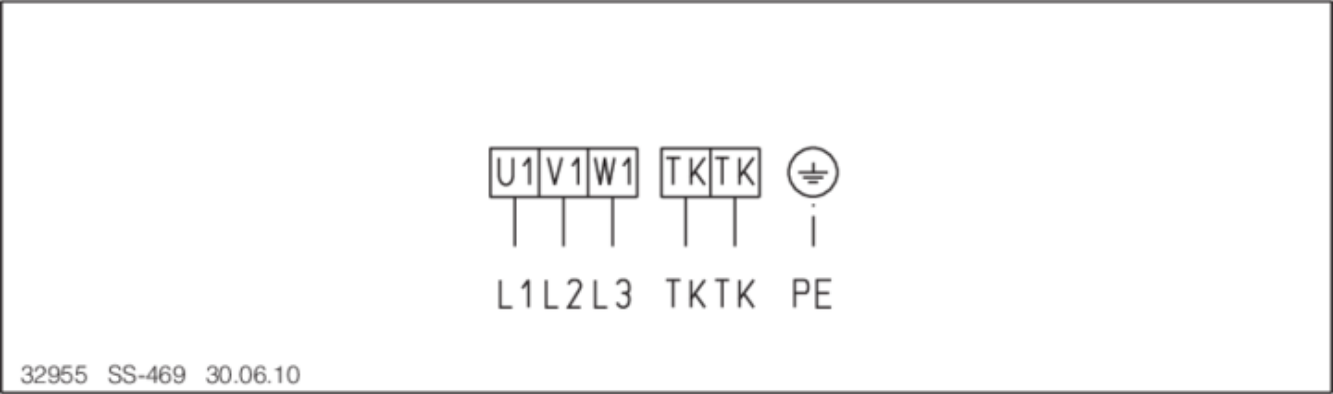
equipment

image	Item No.	grade	description	WG
	775	EVK 250	Electrical locking flap for control via relay drawing see 00774	A
	805	F 250	fitting	A
	5459	FU-BS 2.5	Frequency converter Basic Sinus 400V 3PH 50 / 60HZ 2.5A	R
Additional part to Article 5459:				
	1437	EDR	elec. Pressure regulator for EC and AC fans with FU 24V / 0-10V	A
	1438	ETR	elec. Temperature controller for EC and AC fans with FU 24V / 0-10V	A
	1322	LDF 500	Air pressure differential sensor for Helios control units EUR 6C, EUR EC, FU-C, FU-CS	A
	1325	LGF 10	Air speed sensor for Helios control units EUR 6C, EUR EC, FU-C, FU-CS	A
	1336	LTA 40	Outdoor temperature sensor for Helios control units EUR6C, EUREC, FU-C, FU-CS, ETR	A
	1324	LTK 40	Air temperature duct sensor for Helios control units EUR6C, EUREC, FU-C, FU-CS, ETR	A
	1323	LTR 40	Air temperature room sensor for Helios control units EUR6C, EUREC, FU-C, FU-CS, ETR	A
	1737	PA 24	SPEED POTENTIOMETER with operating display 24V DC, surface-mounted	e
	1736	PU 24	SPEED POTENTIOMETER with operating display 24V DC, flush-mounted	e
	4267	SA-3 10	Step switch 3-stage fan speed adjustable 10V DC, surface-mounted	e
	4266	SU-3 10	Step switch 3-stage fan speed adjustable 10V DC, flush-mounted	e
	9990	WSUP	Weekly timer with potential-free contact	A
	9577	WSUP-S	Weekly timer with potential-free contact, switch cabinet assembly	A
	5849	MD	Motor protection switch for 3-PH MOTOR, 1-turn 400V	A
	751	RAG 250	rain repellent grille	A
	1314	RDS 1	Transformer speed controller with full motor protection device 3-PH, 400 V, 1.0 A	R
	1594	RHS 3 + 1	Revision / main switch 3-pole with auxiliary contact, 400V	A
	767	RVK 250	Verschlußklappe handregelbar	A
	1500	TSD 0,8	Trafo-Drehzahlsteller 3-PH, 400 V, 0,8 A	R
	6516	TSSD 1	Drehzahl-Steuertrafo 3-PH 400V 1,0 A, (1Satz = 2 Stück) für Schaltschrankeinbau	A
	759	VK 250	Verschlußklappe selbsttätig, Kunststoff	A
	1271	WS	Universal-Wendeswitcher für AP-+ UP-Montage, 1-+ 3-PH	A

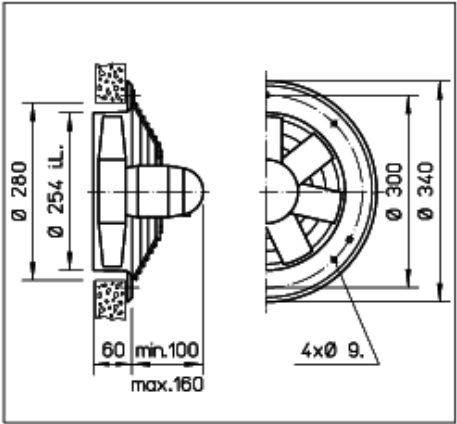


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Schaltplan



Maße



LV-Text

HWD 250/4 TK

Axial-Hochleistungsventilator

Axial-Hochleistungsventilator Wandeinbauring, Einströmdüse, direkt angetrieben.

Wandring aus verzinktem Stahlblech, zweifach lackiert, Farbe papyrusweiß, Düse mit Schutzgitter saugseitig.

Anschlußkasten am Motor.

Laufblad mit 7 Schaufeln aus Thermoplast.

Hoher Wirkungsgrad, niedriges Betriebsgeräusch. Vibrationsfreier Lauf durch dynamische Wuchtung nach Gütestufe G 6.3 VDI 2060 und DIN ISO 1940.

Drehstrom-Kurzschlußläufer-Motor durch Spannungsreduzierung Drehzahl steuerbar, Thermokontakte, geschlossene Bauweise, wartungsfrei, gedichtete, geräuscharme Kugellager mit Langzeitschmierung.

Ventilator-Daten (Standard)

Vol.str. bei 0 Pa 950 m³/hVol.str. Betr.pkt. m³ / h

Max. Pressure increase 44 Pa

Druckerh. Operating point pa

Fund density 1.2 kg / m³

Conveyor temperature 60/40 degrees C.

Speed 1390 1 / min

aufgenomm. Power 0.055 kW

Weight 6.5 kg

Sound power 64 dB (A)

Sound pressure in 4m 44 dB (A)

Voltage 400 volts

Current consumption 0.15 amp

AC / three-phase current D

Frequency 50 Hz

Insulation class B

Degree of protection IP 54

Make: Helios

Item No .: 1016

Type: HWD 250/4 TK
