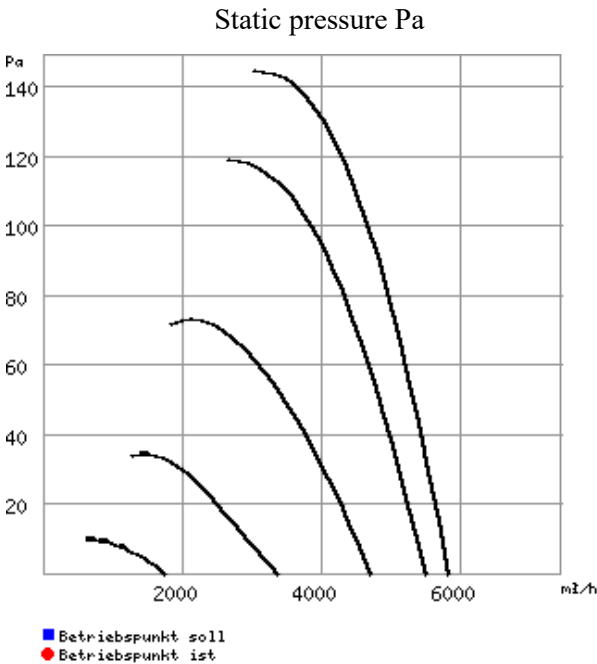


Product 994 HQD 450/4

Image



Characteristics



Air flow volume m³/h

Properties

Ref.no.	994 - 020								
Model	HQD 450/4								
Description	High efficiency axial fan 3-ph. with safety guard guard								
Actual pressure	static								
Actual volume									
Max.Vol.	5810 m³/h								
Speed	1389 min-1								
FLC un-controlled	0.81 A								
STC un-controlled	3.24 A								
Power	0.3840 kW								
Voltage	400 V / 3 ph / 50 Hz								
Max.temp.	50 °C (40 °C if controlled)								
Wiring diagram no.	469								
Weight	16.00 kg								
Delivery time	Ex stock								
Acoustic data:									
Sound in-duct	62 in 4 m								
Case breakout									
Intake	Hz	Total	125	250	500	1k	2k	4k	8k
Lwa Intake	dB(A)	82	68	72	79	76	74	68	60
Lwa Extract	dB(A)	0	0	0	0	0	0	0	0
Lwa Breakout	dB(A)	0	0	0	0	0	0	0	0

Description

HQD 450/4

High efficiency axial fan

3-ph.

with safety guard guard

Square plate high efficiency axial fan with inlet cone, directly driven.

Square mounting plate with drawn bell mouth inlet and duct in galvanised sheet-steel and finished with two coats of paint.

Highly efficient, profiled blade impeller from polymers, aerodynamically optimised to the application, dynamically balanced. Suitable for -30 °C to +60 °C.

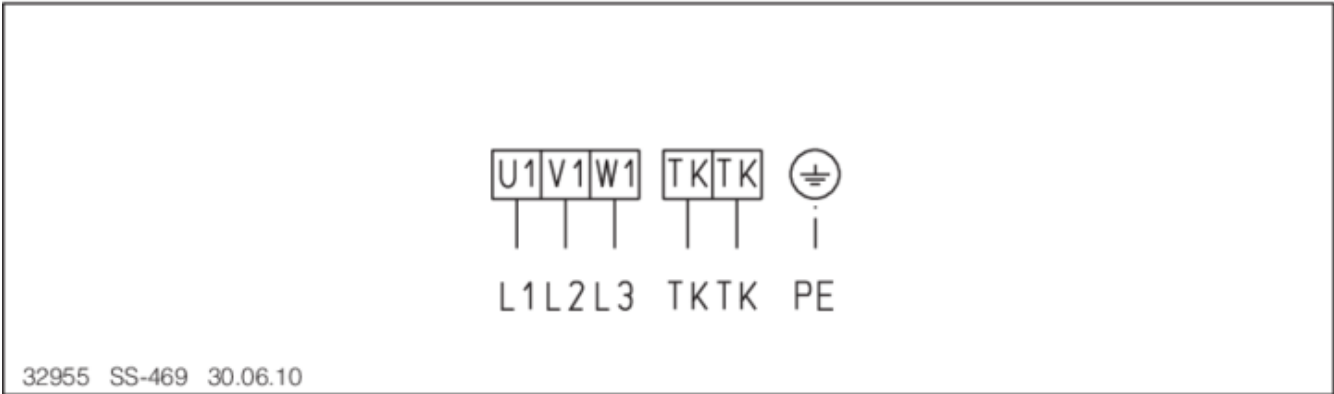
Totally enclosed 3-phase squirrel cage motor with built-in thermal contacts, maintenance-free, speed controllable by voltage reduction, with low-noise sealed for life ball bearings.

Accessories

Image	Ref.no.	Model	Description	Group
	501	ESD 5	ELECTRONIC SPEED CONTROLLER 3 PH, 5 A	A
	779	EVK 450	ELECTRICAL LOUVRE GRILLES CONTROL VIA RELAY (BY OTHERS)	A
	810	F 450	ADAPTION PLATE FOR GRILLE	A
	5459	FU-BS 2,5	Frequency inverter Basic Sinus 400V 3PH 50/60HZ 2,5A	R
Additional part to product 5459:				
	1437	EDR	Electronic pressure controller for EC and AC fans with FU 24V / 0-10V	A
	1438	ETR	Electronic temperature controller for EC and AC fans with FU 24V / 0-10V	A
	1322	LDF 500	PRESSURE SENSOR FOR EUR 6, 0-500 PA MESSBEREICH 0-500 PA	A
	1325	LGF 10	AIR FLOW SPEED SENSOR FOR EUR 6	A
	1336	LTA 40	Outdoor temperature sensor to EUR 6 Temperature range: -20 to +60 °C	A
	1324	LTK 40	DUCT TEMPERATURE SENSOR FOR EUR 6	A
	1323	LTR 40	ROOM TEMPERATURE SENSOR FOR EUR 6	A
	1737	PA 24	Speed potentiometer with operating status signal 24V DC, surface installation	E
	1736	PU 24	Speed potentiometer with LED-light ring 24V DC, flush mounted	E
	4267	SA-3 10	Three step switch surface mounted version	E
	4266	SU-3 10	Three step switch flush mounted version	E
	9990	WSUP	WEEKLY AUTOTIMER WITH POTENTIAL-FREE CHANGEOVER	A
	9577	WSUP-S	AXIAL-HOCHLEISTUNGSVENTILATOR	A
	5849	MD	FULL MOTOR PROTECTION UNIT FOR 3 PH MOTORS	A
	755	RAG 450	RAIN-REPELLENT GRILLE	A
	1315	RDS 2	5 STEP TRANSFORMER CONTROLLER 3 PH, 400 V, 2.0 A WITH MOTOR PROTECTION UNIT	R
	1594	RHS 3+1	Isolator switch 3 pole isolator with additional terminal, 400V	A
	771	RVK 450	MANUAL GRILLE	A
	1501	TSD 1,5	5 STEP TRANSFORMER CONTROLLER 3 PH, 400 V, 1.5 A	R
	6517	TSSD 2	5 STEP TRANSFORMERS, 3 PH 400V FOR CONTROL PANELS, MAX. 2 A CONTENTS: 2 PIECES	A
	763	VK 450	GRAVITY OPERATED SHUTTER MADE FROM POLYMERS	A
	1271	WS	UNIVERSAL SWITCH FOR 1 + 3 PH	A

				
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Wiring diagram



Dimensions

