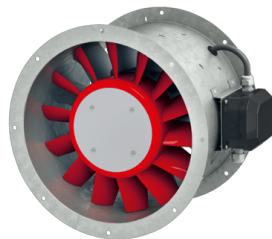


Technical data sheet



Item number	02245
Item type	AMD 225/2

Description

Medium pressure axial fan with cylindrical duct casing, flanges on both sides, direct driven. Long duct casing from sheet steel, enclosing impeller and motor, flanges on both sides with hole pattern to DIN 24155 Pt.3 Axial impeller with 14 aerodynamically profiled blades from polymers. Dynamically balanced to DIN ISO 1940-1, class 6.3 for low-vibration operation. 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.

Technical specifications

Ref. no.	02245
Version	001
Item type	AMD 225/2
Flow rate free-blowing	1950 m ³ /h
Air performance at operating point	1000 m ³ /h
Pressure increase at operating point	50 pa
Maximum air noise (LWA)	74 dB(A)
controllability	Trafo
Rated RPM	2760 min ⁻¹
Number of poles	2
Voltage	400 V , 3 ph , 50 Hz
Current unregulated	0.6 / 0.65 A
Nominal power	250 W
Max. air flow temperature controlled	40 °C
Max. air flow temperature uncontrolled	60 °C
Protection category IP	54
Nominal-Ø	225 mm

Technical data sheet

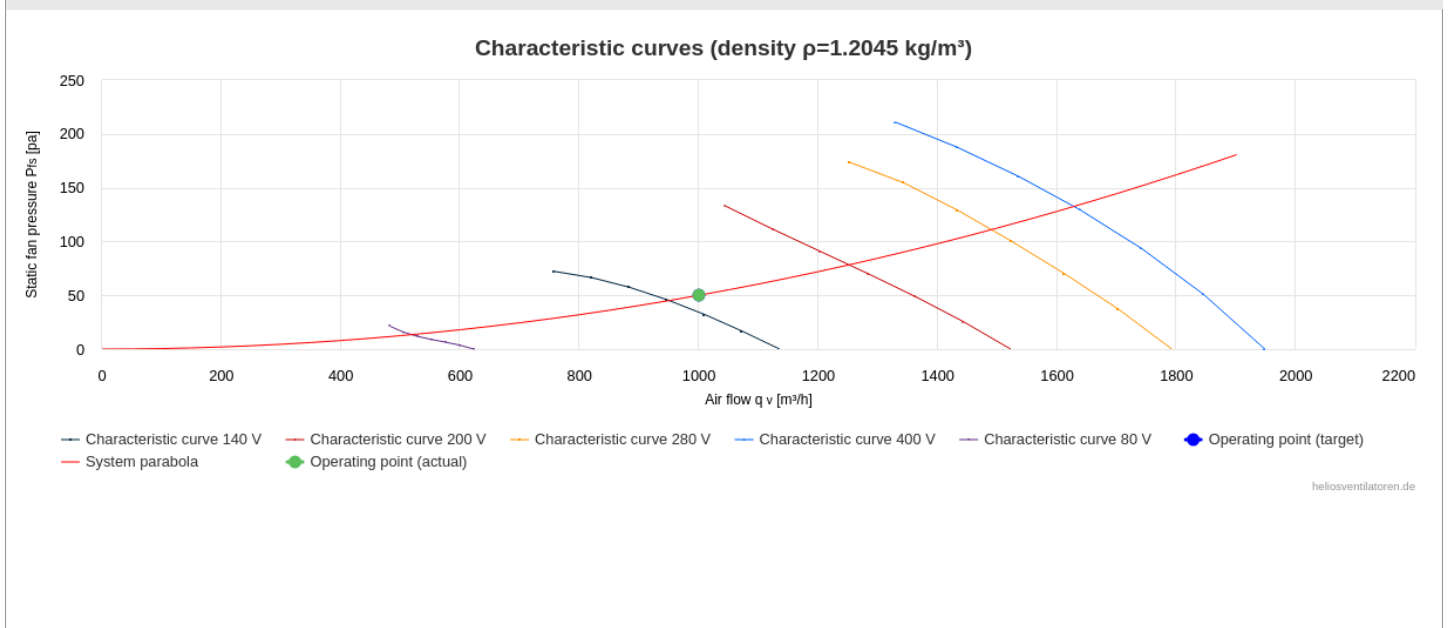
Technical specifications

Weight	8.8 kg
Wiring diagram no.	469
Delivery time	6 weeks

Sound power level LWA dB(A)

Sound spectrum	Hz	Total	125	250	500	1k	2k	4k	8k
LwA Inlet side	dB(A)	74	45	57	67	69	69	65	58

Head curve



Operating point (actual)

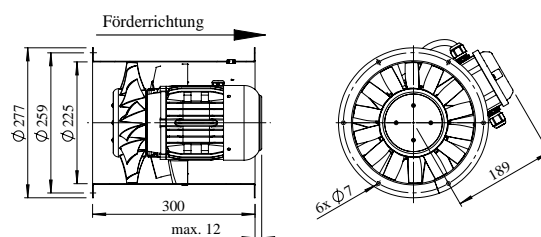
Air flow	1000 m^3/h
Static fan pressure	50 pa
interpolation	149 V
Current	0.49 A
Electrical power	108 W
Speed	1736 min^{-1}

Technical data sheet

Operating point (actual)

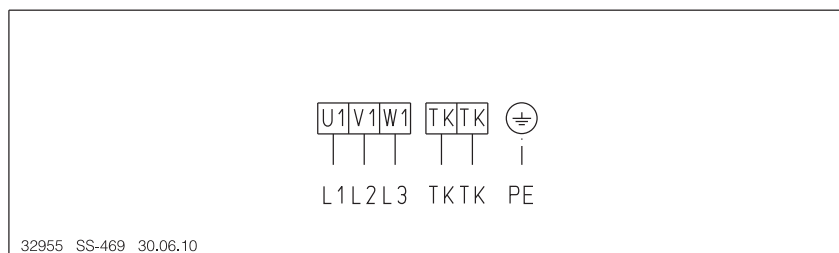
Specific fan power	388 Ws/m ³
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Dimensional drawing














Wiring diagram

Item number	02245
Item type	AMD 225/2
Connection diagram no.	469



Accessories

	Order no.	type	description
	00501	ESD 5	Electronic speed controller 3 PH, 5 A
	01201	FR 225 / DFR 200	COUPLING FLANGE 225 MM
	01215	SG 225	Guard for flange connection
	01218	STS 225/DSTS 200	FLANGED FLEXIBLE CONNECTOR DIA. 225 MM
	01314	RDS 1	5 STEP TRANSFORMER CONTROLLER 3 PH, 400 V, 1.0 A WITH MOTOR PROTECTION UNIT
	01401	VR 225	EXTENSION DUCT DIA. 225 MM FLANGED AT BOTH ENDS
	01413	ASD-SGD 225	BELL-MOUTH INLET + GUARD
	01446	MK 200-225	MOUNTING FEET (PAIR)
	01452	SDD 1	ANTI-VIBRATION MOUNTS FOR COMPRESSION, 1 SET = 4 PCS
	01454	SDZ 1	ANTI-VIBRATION MOUNTS FOR SUSPENSION, 1 SET = 4 PCS
	01500	TSD 0,8	5 STEP TRANSFORMER CONTROLLER 3 PH, 400 V, 0.8 A

	01594	RHS 3+1	Isolator switch 3 pole, 400 V with additional terminal
	01671	FM 225	FLEXIBLE SLEEVE DIA. 225 MM WITH 2 CLAMPS
	02591	RVS 225 / DRVS 200	HORIZ. BACK DRAUGHT SHUTTER
	05849	MD	FULL MOTOR PROTECTION UNIT FOR 3 PH MOTORS
	06516	TSSD 1	1 STEP TRANSFORMERS, 3 PH 400V FOR CONTROL PANELS, MAX. 1 A CONTENTS:2 PIECES
	08734	RSD 225/300	FLANGED CIRCULAR ATTENUATOR 300 MM LONG
	08735	RSD 225/600	FLANGED CIRCULAR ATTENUATOR 600 MM LONG
	08736	RSD 225/900	FLANGED CIRCULAR ATTENUATOR 300 MM LONG