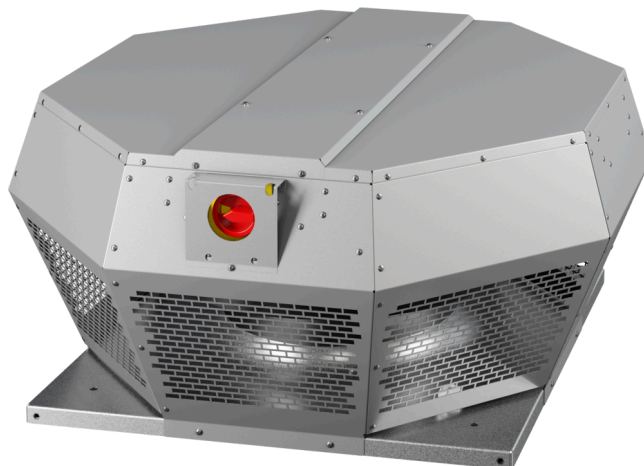


DHA 355 E4P 30

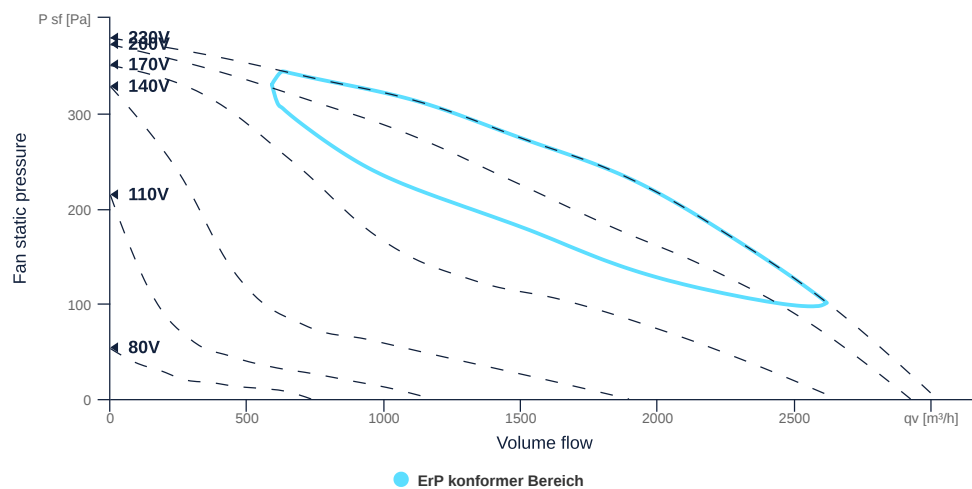
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- Horizontal discharge radial fan
- Backward curved impeller
- Housing made of aluminium AlMg3
- Robust single phase AC motor, voltage controllable
- Integrated thermal switch
- Integrated device switch



MAP

Name	Value	Unit
Volume flow	0	m³/h
Pressure	0	Pa



to the product detail page

DHA 355 E4P 30

131107

ruck

GENERAL DATA

Name	Value	Unit	Formula symbol
Labeling	CE, UKCA		
Duct size	-		WxH _{duct}
Pipe connection size (DN)	DN400		DN
Rated voltage (entire device)	230	V	U _{rated}
Phases (entire device)	1~		phase
Electrical protection (entire device)	6 A		fuse
Housing material	Aluminium		mat _{casing}
Impeller material	Plastic		mat _{impeller}
IP-protection class (casing)	IP44		IP _{casing}
IP-protection class (entire device)	IPX4		IP _{compl}
IP-Protection class (terminal box)	IP44		IP _{ebox}
Weight	17.4	kg	m
Nominal air flow rate, nominal point m³/h	2548.8	m³/h	q _{v,nom}
Nominal external pressure, static	116	Pa	p _{s,nom}
Fan type	Radial		Fan _{type}
Category / Installation situation	A		cat

ERP DATA (LOT 6)

Name	Value	Unit	Formula symbol
Nominal air flow rate, nominal point m³/s	0.71	m³/s	q _{v,nom}
Actual electrical input power, nominal point	0.23	kW	P _{e,nom}
Face velocity, nominal point	2.54	m/s	v _{nom}
Nominal external pressure, static	116	Pa	p _{s,nom}
supply air fan static efficiency, nominal point	45.7	%	η _{es,SUP}
Enclosure sound level, nominal point	79	dB(A)	L _{WA2}
Rating	Product is compliant 2018		



MAXIMAL DATA

Name	Value	Unit	Formula symbol
Max. power consumption (device)	255	W	P _{ed, max}
Max. operating current (device)	1.34	A	I _{ed, max}
Max. speed	1455	1/min	n _{max}
Max. stat. efficiency	45.6	%	η _{es}
Max. fan efficiency	45.8	%	η _e
Max. flowrate	3020	m³/h	q _{v, max}
Max. stat pressure	380	Pa	p _{sf, max}
Max. medium temperature	40	°C	T _{m, max}
Max. environment temperature	40	°C	T _{amb, max}
Min. environment temperature	-25	°C	T _{amb, min}
Min. voltage	80	V	U _{min}

MOTOR DATA

Name	Value		Unit	Formula symbol
	50 Hz	60 Hz		
Rated frequency (device)		50		f
Motor type		AC 1~		phase
Control type		stepless-controlled		ctrltype
Installation type		ORM (Out)		install
Rotation direction		right		rotation
Isolation class		ISO F		ISO _{class}
Motor-protection		TAI		protect _{motor}
Protection class		IP44		IP _{motor}
Is pole-changeable		No		polexch
Type of power supply		AC 1~		pwr _{sup} _{motor}
Capacity capacitor		6	μF	C _{cond}
Voltage capacitor		400	V	V _{Ucond}
Number of poles (1)		4.000000		num poles _{w1}
Rated voltage	230		V	U _{rated, f1}
Rated current	1.18		A	I _{rated, f1}
Speed	1330		1/min	n _{f1}
Starting current	2.2		A	I _{start, f1}
Min. temperature	-25		°C	T _{motor, min}
UL-Certification motor		None		UL _{cert}



to the product detail page

DHA 355 E4P 30

131107

CIRCUIT DIAGRAMS / DIMENSIONAL DRAWINGS



MECHANICAL ACCESSORIES

DVK 400 10 | 152897



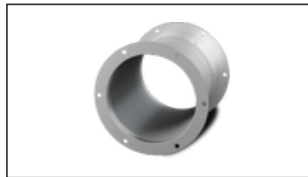
- Automatic roof shutter
- Galvanized steel sheet

DAF 400 | 109826



- Roof inlet flange
- Galvanized steel sheet

DAS 400 | 109827



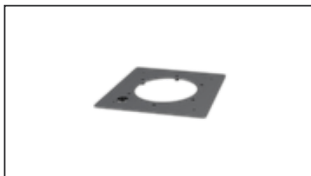
- Flexible roof inlet spigot
- Temperature resistant up to 75 °C

DSF 355-10 | 126160



- Flat roof socket
- Made of aluminum AlMg3
- Sound and heat insulation

DAP 355 | 133963



- Adapter plate for roof mounting of roof fans
- Galvanized steel sheet

DSS 355-10 | 126403



- Flat roof socket silencer
- Made of aluminum AlMg3
- Sound and heat insulation

DSS 355-12 | 134395



- Sloped roof socket silencer
- Made of aluminum AlMg3
- Sound and heat insulation
- For roof slope 3°

DSF 355-12 | 133793



- Sloped roof socket
- Made of aluminum AlMg3
- Sound and heat insulation
- For roof slope 3°

ELECTRICAL ACCESSORIES

TES 0145 | 111858



- Step transformer
- 230 V ~, 50/60 Hz

TEE 015 | 115893



- 5-step transformer
- 230 V ~, 50/60 Hz



to the product detail page

DHA 355 E4P 30

131107



to the product detail page