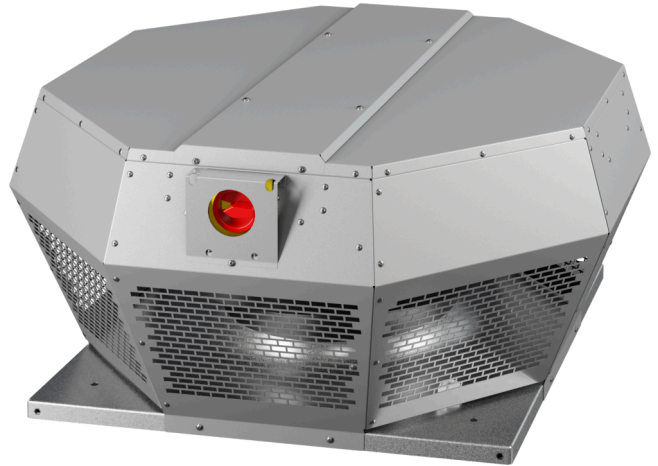


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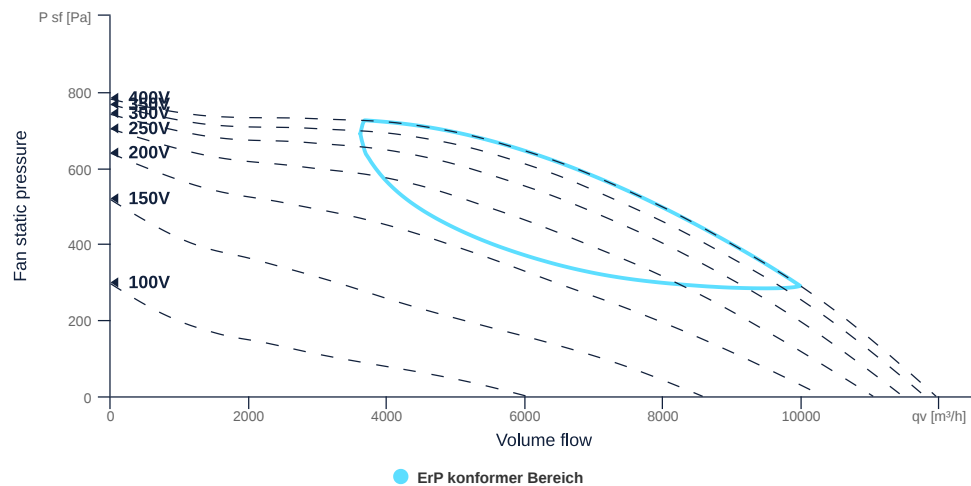
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- Horizontal discharge centrifugal fan
- Backward curved impeller
- Housing made of aluminium AlMg3
- Robust three phase AC motor, voltage controllable
- Integrated thermal switch
- Integrated device switch



FAN CURVES

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



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GENERAL DATA

Name	Value	Unit	Formula symbol
Labeling	CE, UKCA		
Duct size	-		WxH _{duct}
Pipe connection size (DN)	DN560		DN
Rated voltage (entire device)	400	V	U _{rated}
Phases (entire device)	3~		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	51.74	kg	m
Nominal air flow rate, nominal point m³/h	9673.2	m³/h	q _{v,nom}
Nominal external pressure, static	324	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	2.69	m³/s	q _{v,nom}
Actual electrical input power, nominal point	1.8	kW	P _{e,nom}
Face velocity, nominal point	3.87	m/s	V _{nom}
Nominal external pressure, static	324	Pa	p _{s,nom}
supply air fan static efficiency, nominal point	54	%	η _{es,SUP}
Enclosure sound level, nominal point	91	dB(A)	L _{WA2}
Rating	Product is compliant 2018		

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MAXIMAL DATA

Name	Value		Unit	Formula symbol
	50 Hz	60 Hz		
Max. power consumption (device)	1958	2974	W	P _{ed, max}
Max. operating current (device)	4.82	6	A	I _{ed, max}
Max. speed	1450	1710	1/min	n _{max}
Max. stat. efficiency	53.9	52.2	%	η _{es}
Max. fan efficiency	54.4	52.7	%	η _e
Max. flowrate	11950	13810	m³/h	Q _{v, max}
Max. stat pressure	780	1090	Pa	p _{sf, max}
Max. medium temperature	60	50	°C	T _{m, max}
Max. environment temperature	60	50	°C	T _{amb, max}
Min. environment temperature	-30	-30	°C	T _{amb, min}
Min. voltage	100	100	V	U _{min}

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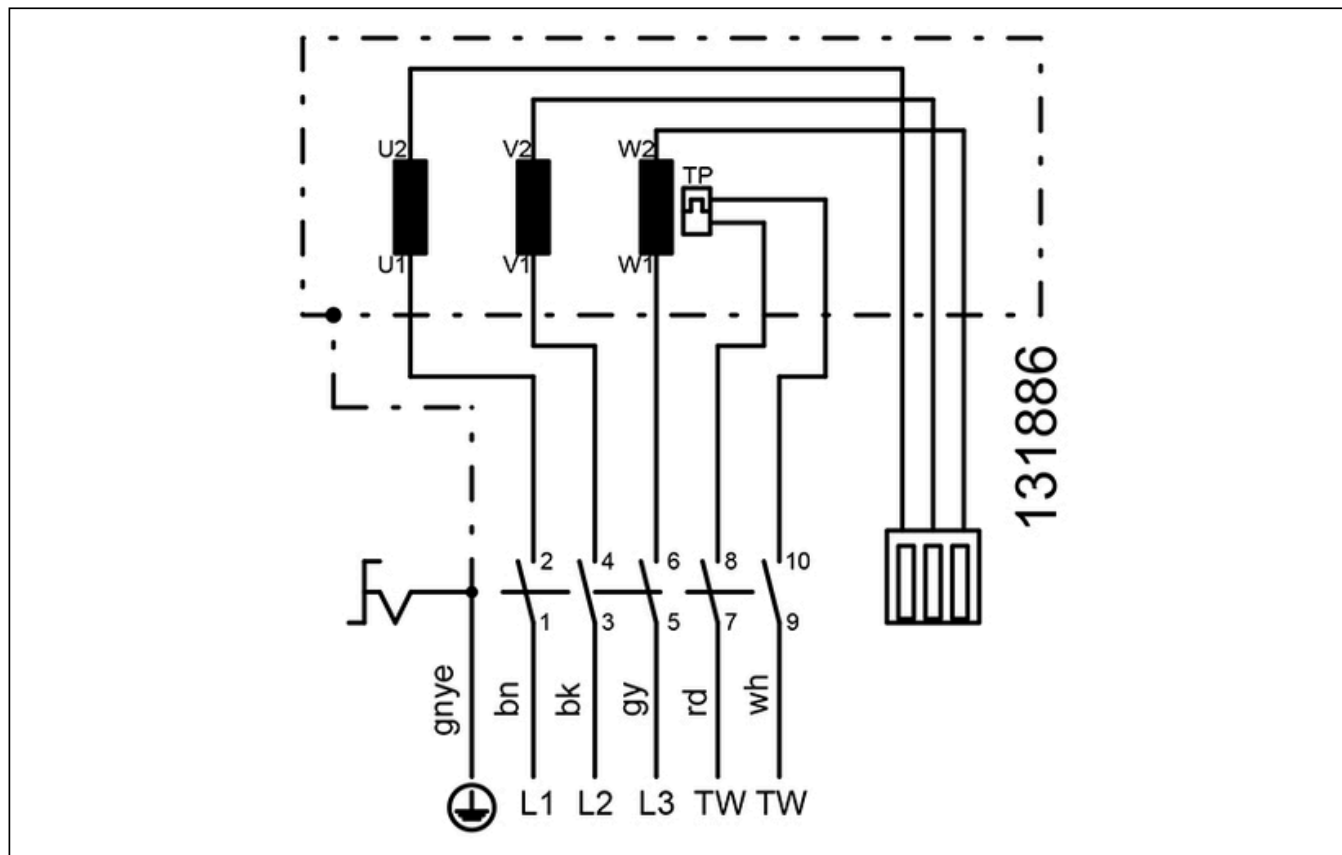
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MOTOR DATA

Name	Value		Unit	Formula symbol
	50 Hz	60 Hz		
Rated frequency (device)		50		f
Motor type		AC 3~		phase
Control type		stepless-controlled		ctrltype
Installation type		ORM (Out)		install
Rotation direction		right		rotation
Isolation class		ISO F		ISOclass
Motor-protection		TAE		protectmotor
Protection class		IP54		IPmotor
Is pole-changeable		No		polexch
Type of power supply		AC 3~		pwrsupmotor
Number of poles (1)		4.000000		num polesw1
Connection	Δ	Δ		wiringw1
Connection (wiring 2)	Y	Y		wiringw2
Rated voltage	230	230	V	U _{rated, f1}
Rated voltage (wiring 2)	400	400	V	U _{rated, f2}
Rated current	6.9	8.93	A	I _{rated, f1}
Rated current (wiring 2)	3.98	5.16	A	I _{rated, f2}
Speed	1390	1560	1/min	n _{f1}
Speed (wiring 2)	1390	1560	1/min	n _{f2}
Starting current	47	35	A	I _{start, f1}
Starting current (wiring 2)	27	20	A	I _{start, f2}
Efficiency	54.7	54.7	%	η _{m, f1}
Efficiency (wiring 2)	54.7	54.7	%	η _{m, f2}
Min. temperature	-40		°C	T _{motor, min}
UL-Certification motor		None		ULcert

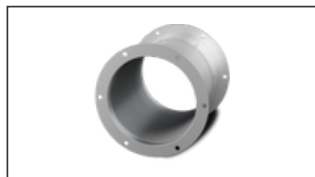
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MECHANICAL ACCESSORIES

DAS 560 | 122287



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

DAF 560 | 122288



- Roof inlet flange
- Galvanized steel sheet

DSS 560-10 | 126471



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

DSS 560-12 | 134486



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

DSF 560-12 | 133892



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

DVK 560 10 | 152898



- Automatic roof shutter
- Galvanized steel sheet

DAP 560 | 133979



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

DSF 560-10 | 126237



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

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ELECTRICAL ACCESSORIES

TDM 060 | 111557



- 5-step transformer
- 400 V 3~, 50/60 Hz

TDS 060 | 113667



- 7-step transformer
- 400 V 3~, 50/60 Hz