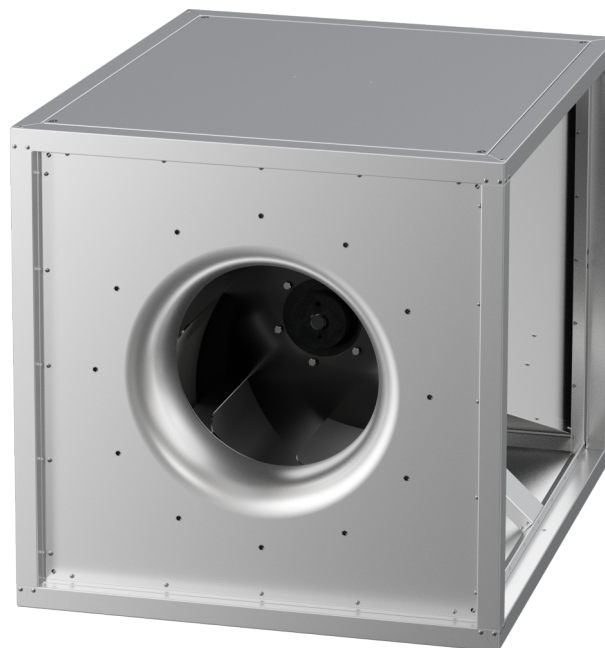


MPC 630 D4 T40

157241

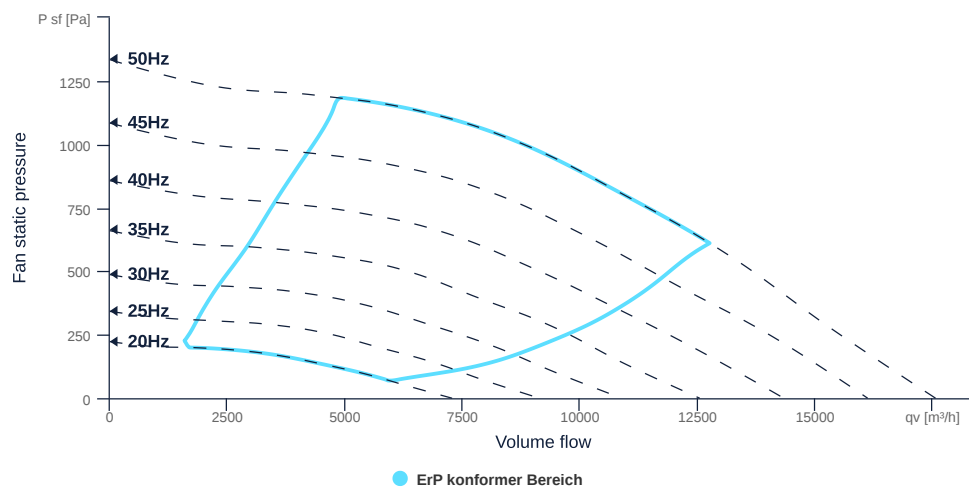
ruck

- Backward curved radial impeller
- Removable side walls, variable discharge direction
- Sheet steel housing double-walled, 30 mm mineral wool
- IE3 motor outside the airflow, controllable
- Conveyed medium temperature up to 120 °C in continuous operation
- Housing bottom designed with integrated drain



MAP

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



zur Produktseite

MPC 630 D4 T40

157241

ruck

GENERAL DATA

Name	Value	Unit	Formula symbol
ERP conformity	Yes		
Certifications	CE, UKCA		
Duct size	-		WxH _{duct}
Pipe connection size (DN)	DN630		DN
Rated voltage (entire device)	400	V	U _{rated}
Phases (entire device)	3~		phase
Electrical protection (entire device)	10 A		fuse
Housing material	Galvanized steel		mat _{casing}
Impeller material	Steel		mat _{impeller}
Weight	149	kg	m
Nominal air flow rate, nominal point m³/h	9025.2	m³/h	q _{v,nom}
Nominal external pressure, static	942.3	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	2.51	m³/s	q _{v,nom}
Actual electrical input power, nominal point	4.07	kW	P _{e,nom}
Face velocity, nominal point	4.3	m/s	v _{nom}
Nominal external pressure, static	942.3	Pa	p _{s,nom}
supply air fan static efficiency, nominal point	66.7	%	η _{es,SUP}
Highest external air leakage rate	0.02	%	
Enclosure sound level, nominal point	84	dB(A)	L _{WA2}
Rating	Product is compliant 2018		

MAXIMAL DATA

Name	Value	Unit	Formula symbol
Max. power consumption (device)	4325	W	P _{ed, max}
Max. operating current (device)	8.82	A	I _{ed, max}
Max. speed	1480	1/min	n _{max}
Max. stat. efficiency	55.8	%	η _{es}
Max. fan efficiency	56.6	%	η _e
Max. flowrate	17540	m³/h	q _{v, max}
Max. stat pressure	1330	Pa	p _{sf, max}
Max. medium temperature	120	°C	T _{m, max}
Max. environment temperature	60	°C	T _{amb, max}
Min. environment temperature	-20	°C	T _{amb, min}



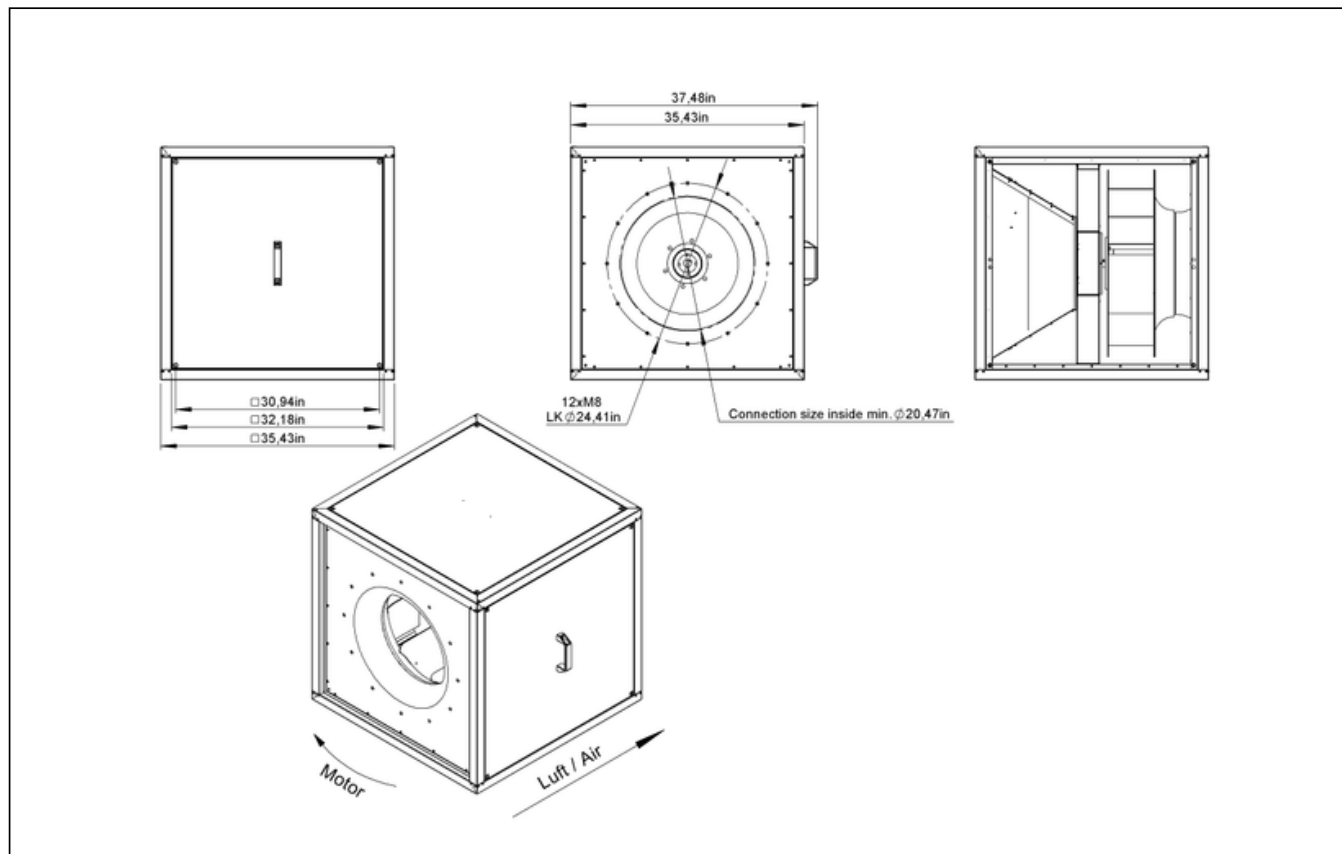
zur Produktseite

MPC 630 D4 T40

157241

ruck

SCHALTPLÄNE / MASSZEICHNUNGEN

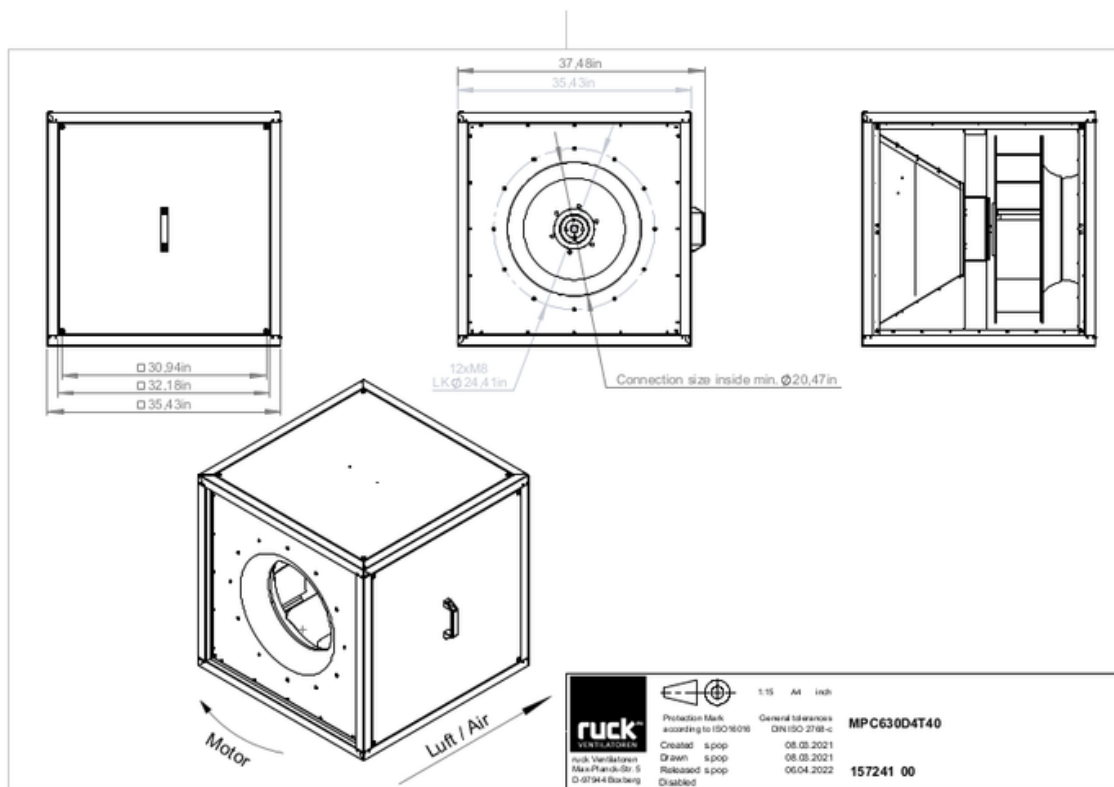


zur Produktseite

MPC 630 D4 T40

157241

ruck

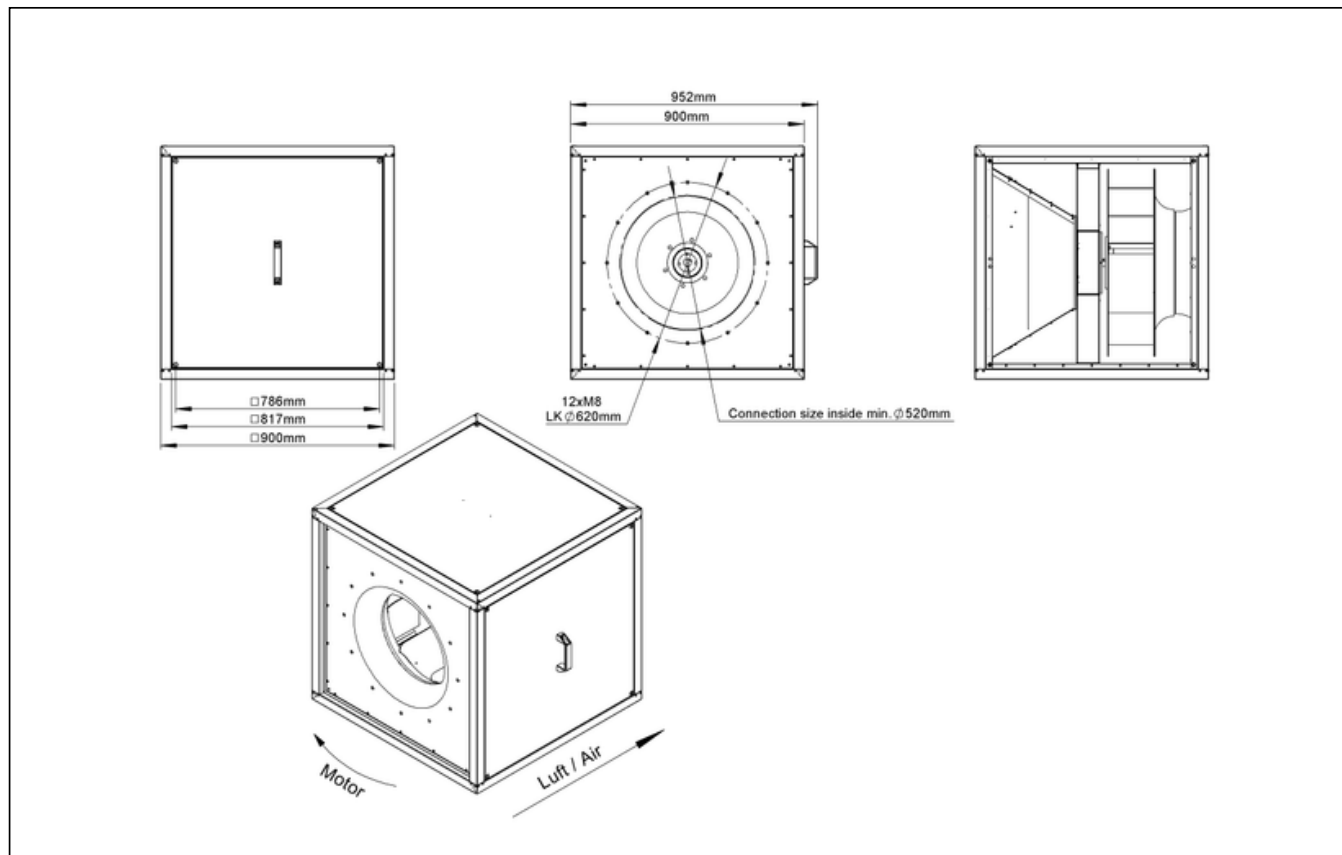


zur Produktseite

MPC 630 D4 T40

157241

ruck

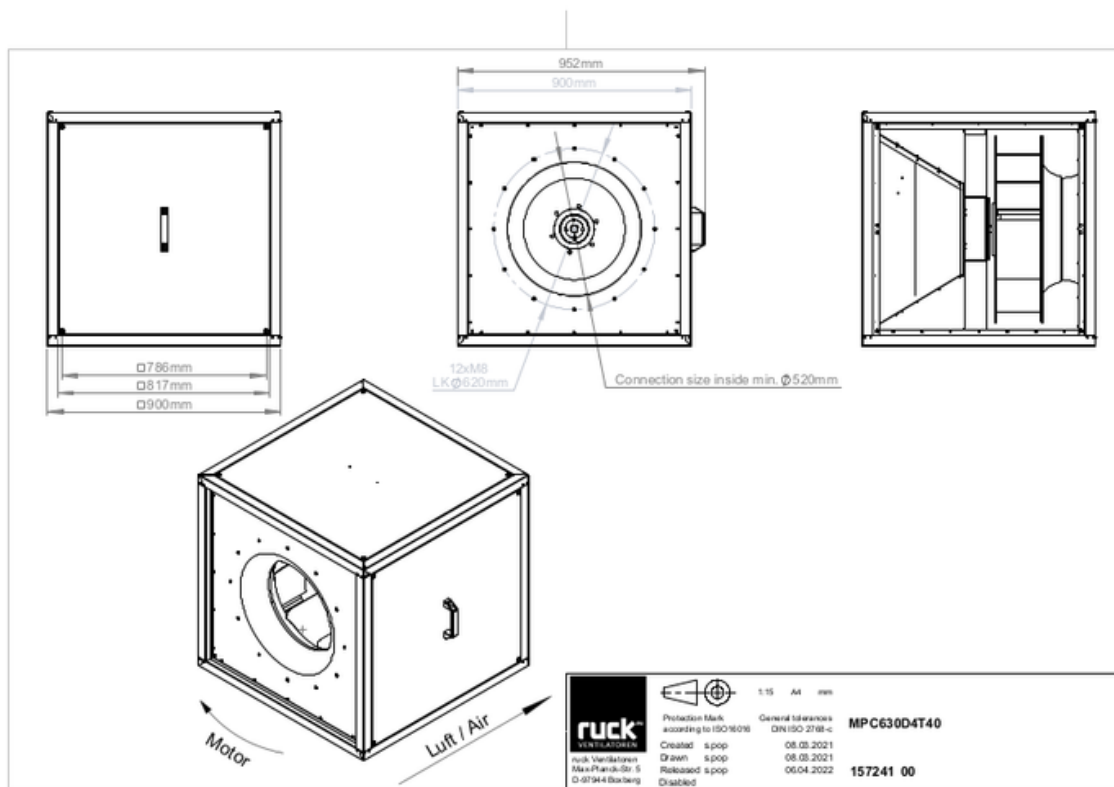


zur Produktseite

MPC 630 D4 T40

157241

ruck

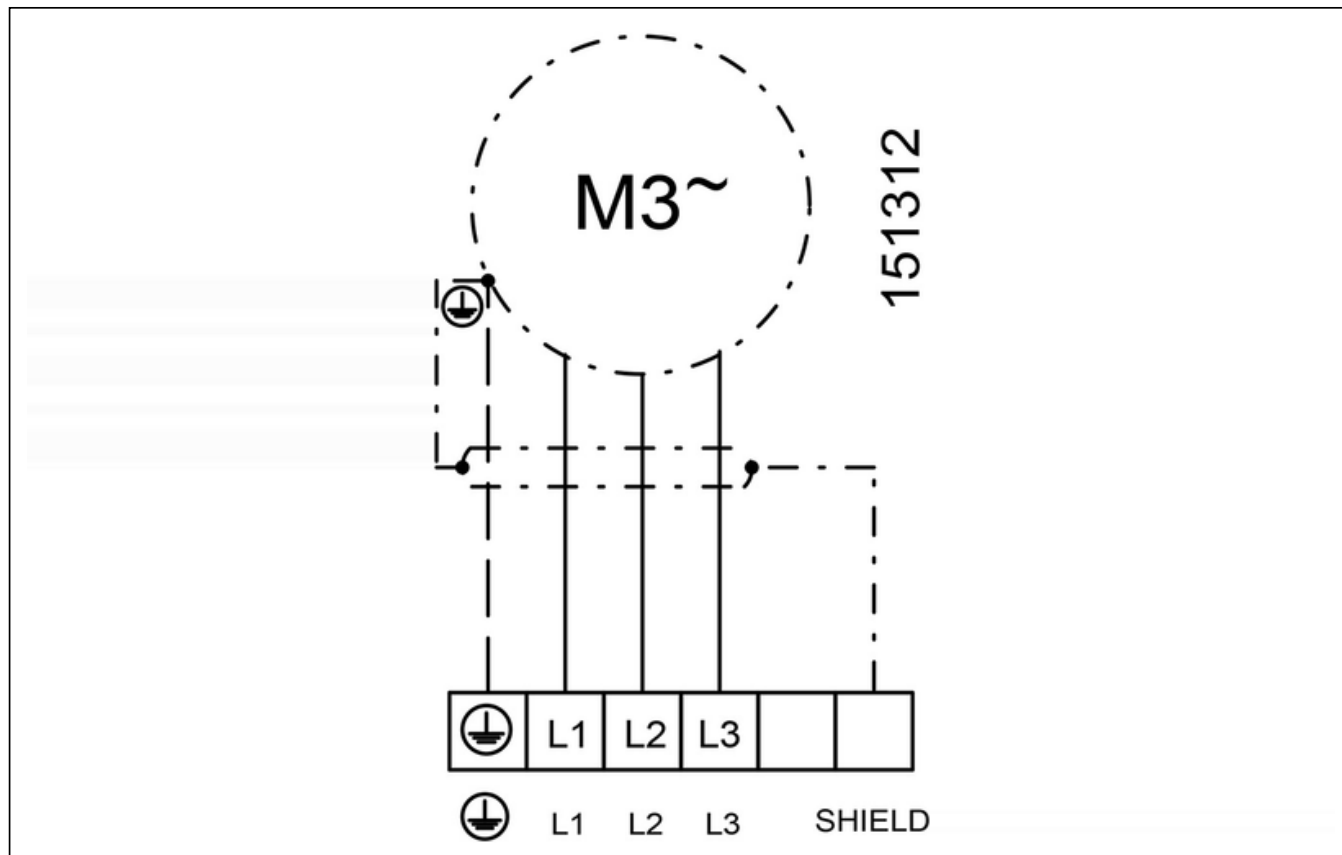


zur Produktseite

MPC 630 D4 T40

157241

ruck



zur Produktseite

MECHANICAL ACCESSORIES

FB 900 | 160868



- Air filter box for panel filter
- For MPC box 900
- For 1 or 2 filter (not included)
- Housing made of galvanized sheet steel

MB MPC 03 | 122305



- Motor protection shield
- Sendzimir galvanized sheet

GR MPC 03 | 123434



- Base frame für MPC
- Galvanized steel sheet

USM 900 560 | 139997



- Transition spigot
- Galvanized steel sheet
- Insulated

USM 900 630 | 140061



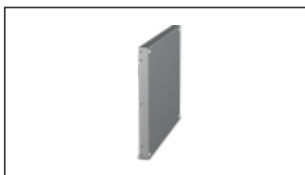
- Transition spigot
- Galvanized steel sheet
- Insulated

USM 900 500 | 140364



- Transition spigot
- Galvanized steel sheet
- Insulated

UCP 900 | 142569



- Closed panel
- Galvanized steel sheet

RVK 560 | 153906



- Automatic tube shutter
- Sheet steel, powder coated
- For vertical installation
- Flange mounting

RVK H 560 | 155628



- Automatic tube shutter
- Sheet steel, powder coated
- For horizontal installation
- Flange mounting

UQR 900 560 01 | 139875



- Transition duct / tube
- Galvanized steel sheet
- Incl. 4 cylinder cap screws (M8 x 16 mm), 4 serrated lock washers for nominal size M8

UQR 900 630 01 | 139887



- Transition duct/tube
- Galvanized steel sheet
- Incl. 4 cylinder cap screws (M8 x 16 mm), 4 serrated lock washers for nominal size M8

VM 500 | 118094



- Fast clamps for sound decoupling and sealing
- Galvanized steel sheet, 5 mm
- Neopren gasket
- 1 Pack = 2 pieces

VM 560 | 119496



- Fast clamps for sound decoupling and sealing
- Galvanized steel sheet, 5 mm
- Neopren gasket
- 1 Pack = 2 pieces

VM 630 | 119497



- Fast clamps for sound decoupling and sealing
- Galvanized steel sheet, 5 mm
- Neopren gasket
- 1 Pack = 2 pieces

AS MPC 500 | 140871



- Inlet spigot
- Galvanized steel sheet

AS MPC 560 | 140876



- Inlet spigot
- Galvanized steel sheet

AS MPC 630 | 140880

RVS 560 | 154195

ESD 560 | 153953

SGW 560 | 154053



zur Produktseite

MPC 630 D4 T40

157241



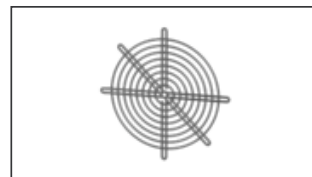
- Inlet spigot
- Galvanized steel sheet



- Tube connection spigot
- Sheet steel, powder coated
- Suitable for outdoor installation
- Flange mounting

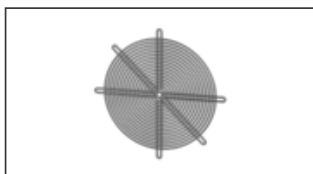


- Inlet cone
- Steel sheet, powder coated
- Flange mounting



- Protection grille, wide meshed
- Steel sheet, galvanized
- Flange mounting

SGE 560 | 154077



- Protection grille, narrow meshed
- Steel sheet, galvanized
- Flange mounting

WSH MPC 03 | 123435



- Weather protection hood
- Galvanized steel sheet

WSG MPC 900 | 140755



- Weather protection grille
- Galvanized steel sheet

RAF 560 | 154022



- Round flange
- Sheet steel, powder coated

RD MPC 900 | 140101



- Rain cover for outdoor installation
- Galvanized steel sheet

RAS 560 | 154251



- Round spigot, flexible
- Galvanized steel sheet, plastic band (PES)
- Temperature resistant up to 75 °C
- Flange mounting



zur Produktseite

ELECTRICAL ACCESSORIES

GS 03 | 107633



- Device switch
- $U_{max} = 400\text{ V}$, $I_{max} = 25\text{ A}$
- Switching capacity $400\text{ V } 3\sim = 5,5\text{ kW}$
- Protection class IP 55

MS 04 | 140413



- Motor protection switch with Isolator switchfunktion
- $I_{max} = 400\text{ V}$, 50/60 Hz
- Max. 4 kW
- Protection class IP 55

MTP 20 | 128146



- Potentiometer 10 k Ω
- Switching contact 1A/250V AC - 2,5A/12V DC
- Max. ambient temperature 50 °C
- VDE

MTP 30 | 143289



- Stepped potentiometer 10 k Ω
- Step 1 + 2 settable 10 % - 100 % Vdc
- Step 3 100 % Vdc
- Supply voltage+10 Vdc

MTP 40 | 147359



- Potentiometer 10 k Ω
- Connection in terminal box
- Max. ambient temperature 50 °C
- PU: 20 pieces

CON P1000 | 115259



- Constant pressure control
- Actual value display possible via optional control unit
- Output 0-10 V DC + FC enable + setpoint reached
- Pressure setting by means of decade switch

FU 55 06 | 141879



- Frequency converter
- Supply voltage 400 V 3~ 50/60 Hz
- Output voltage 0 - 400 V 3~
- Fire mode function (smoke extract fans)

FU 55 05 | 141868



- Frequency converter
- Supply voltage 400 V 3~ 50/60 Hz
- Output voltage 0 - 400 V 3~
- Protection class IP 20, for switch cabinet

MTP 50 | 153133



- Potentiometer with multifunction output
- 230 VAC $\pm 10\%$ / 50-60 Hz
- Selectable output: 1-10 VDC / 2-20 mA / 10-100 % PWM
- Min. and max. output value adjustable

