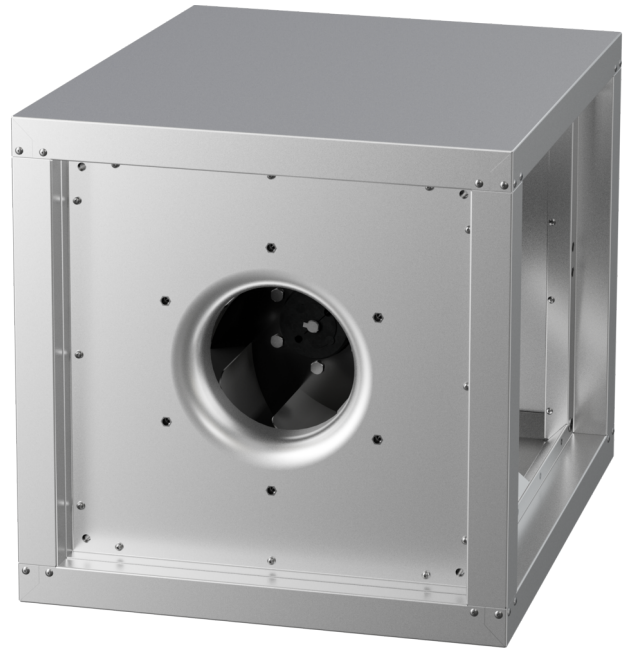


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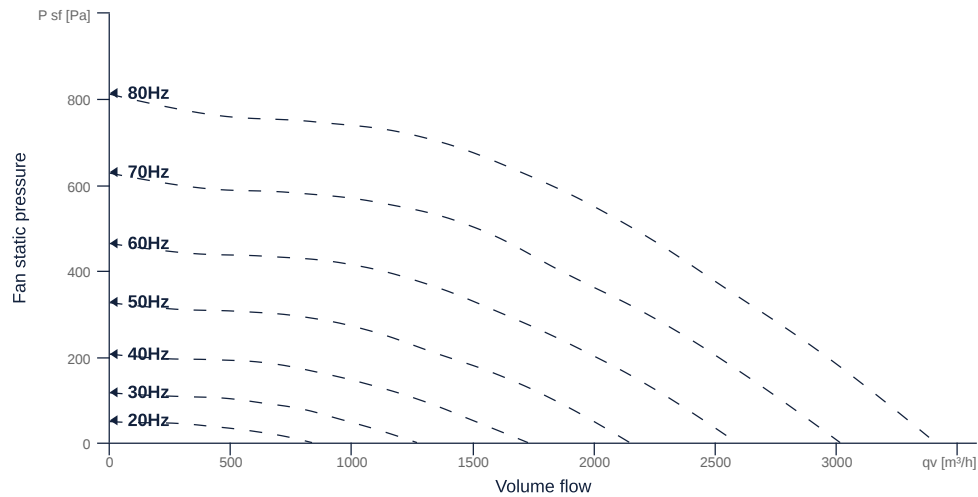
157193

- Radial fan with backward curved impeller
- Variable discharge direction right / left / linear
- Double wall housing made of galvanized steel sheet, insulated
- Efficient IE3 motor, frequency controllable
- Motor protection via frequency converter or motor protection switch
- With bottom tray



MAP

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



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GENERAL DATA

Name	Value	Unit	Formula symbol
ERP conformity	Yes		
Duct size	-		WxH _{duct}
Pipe connection size (DN)	-		DN



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GENERAL DATA

Name	Value	Unit	Formula symbol
Rated voltage (entire device)	400	V	U_{rated}
Phases (entire device)	3~		phase
Electrical protection (entire device)	6 A		fuse
Housing material	Galvanized steel		matcasing
Impeller material	Steel		matimpeller
Weight	39	kg	m
Nominal air flow rate, nominal point m³/h	1900.8	m³/h	$q_{v,nom}$
Nominal external pressure, static	575.5	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	0.53	m³/s	$q_{v,nom}$
Actual electrical input power, nominal point	0.61	kW	$P_{e,nom}$
Face velocity, nominal point	3.9	m/s	v_{nom}
Nominal external pressure, static	575.5	Pa	$p_{s,nom}$
supply air fan static efficiency, nominal point	52.7	%	$\eta_{es,SUP}$
Highest external air leakage rate	0.02	%	
Enclosure sound level, nominal point	65	dB(A)	L_{WA2}
Rating	Product is compliant 2018		

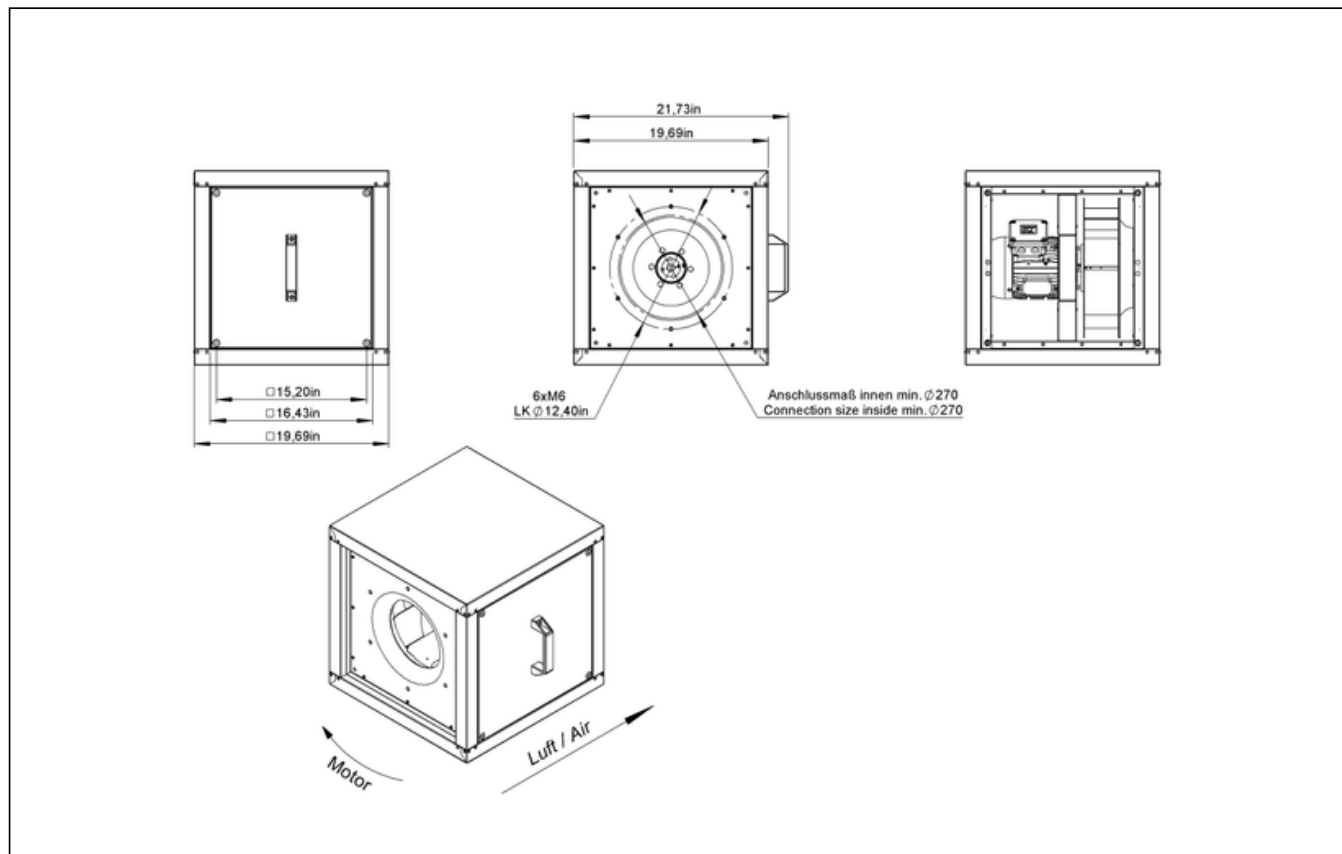
MAXIMAL DATA

Name	Value	Unit	Formula symbol
Max. power consumption (device)	205	W	$P_{ed,max}$
Max. operating current (device)	1.1	A	$I_{ed,max}$
Max. speed	2360	1/min	n_{max}
Max. stat. efficiency	46.3	%	η_{es}
Max. fan efficiency	46.9	%	η_e
Max. flowrate	3410	m³/h	$q_{v,max}$
Max. stat pressure	810	Pa	$p_{sf,max}$
Max. medium temperature	60	°C	$T_{m,max}$
Max. environment temperature	60	°C	$T_{amb,max}$
Min. environment temperature	-20	°C	$T_{amb,min}$



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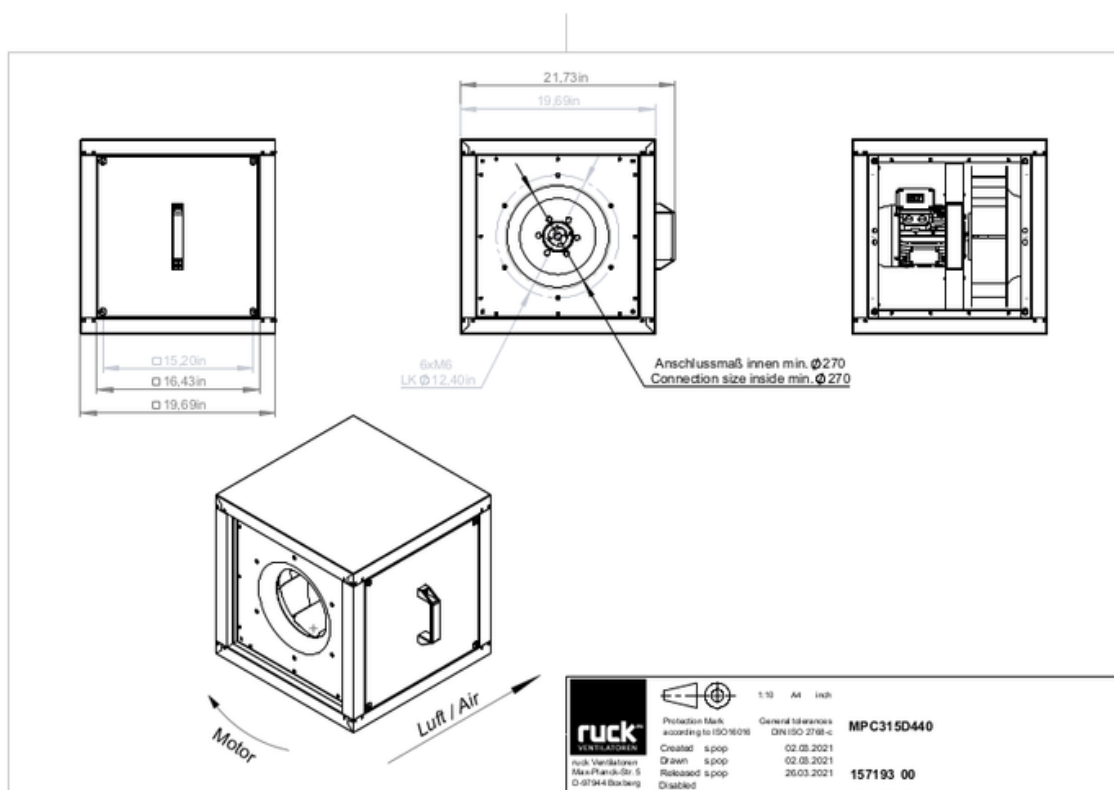
SCHALTPLÄNE / MASSZEICHNUNGEN



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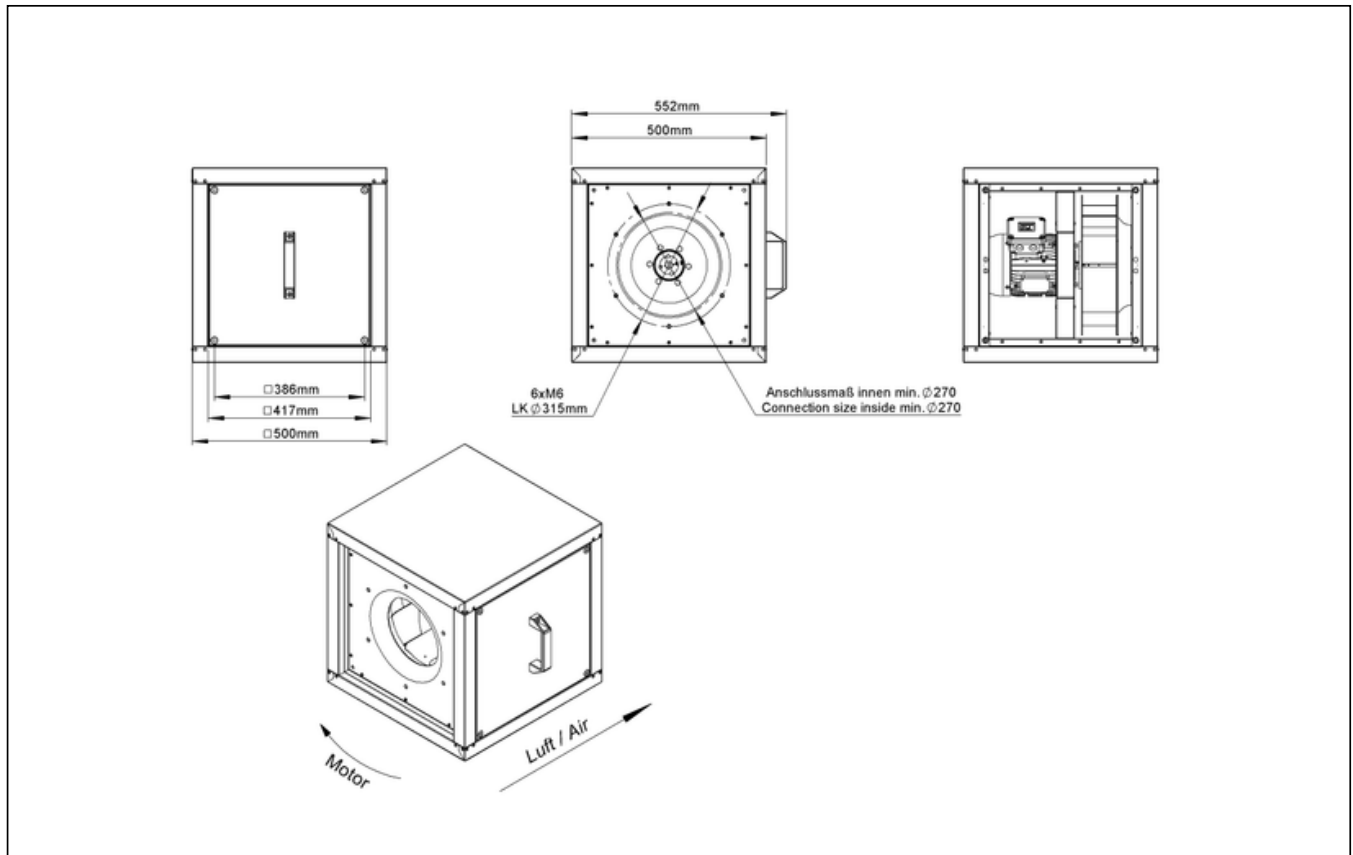


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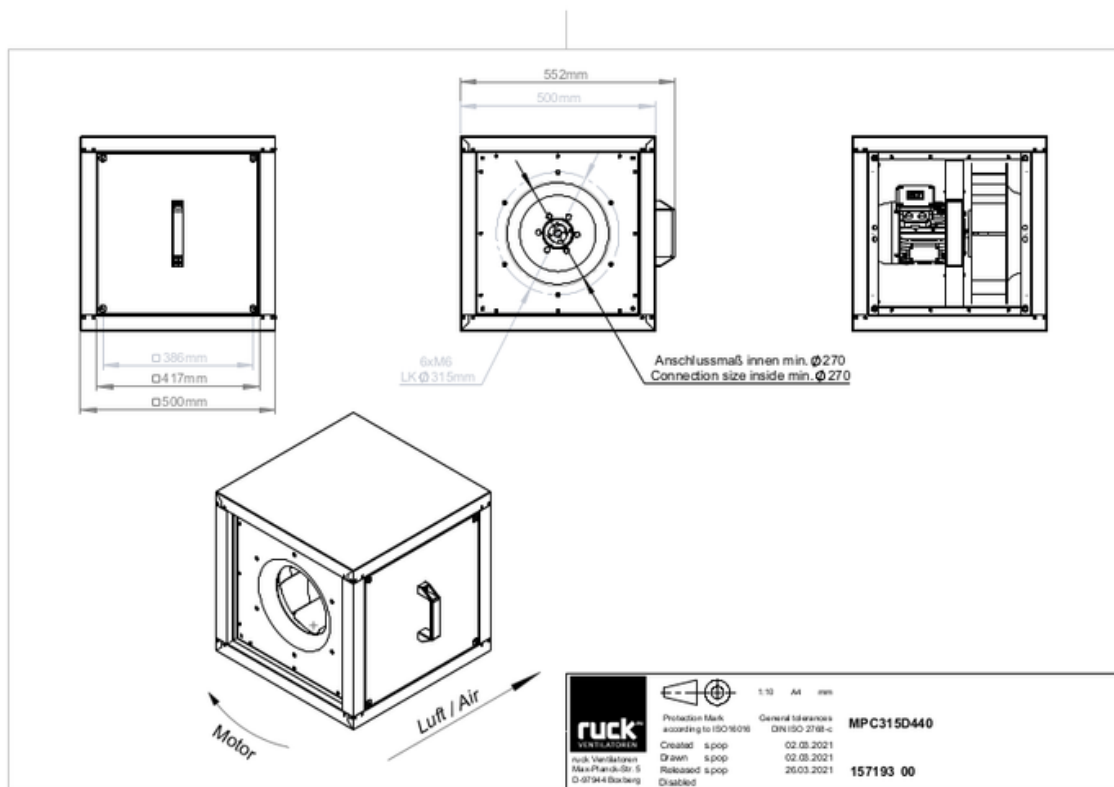


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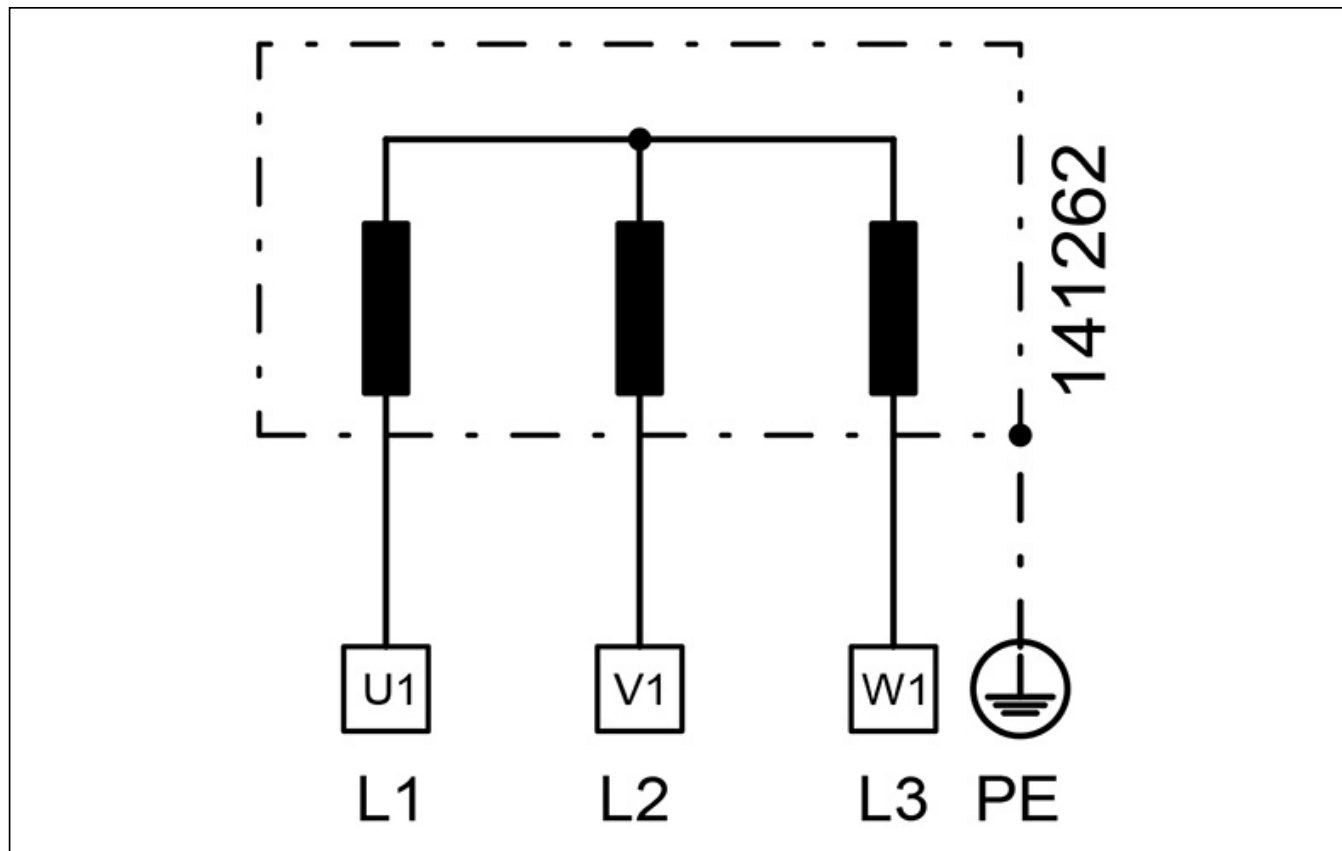
MPC 315 D4 40

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ruck



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MECHANICAL ACCESSORIES

FB 500 | 160864



- Air filter box for panel filter
- For MPC box 500
- For 1 or 2 filter (not included)
- Housing made of galvanized sheet steel

USM 500 315 | 107181



- Transition spigot
- Galvanized steel sheet
- Insulated

USM 500 355 | 107182



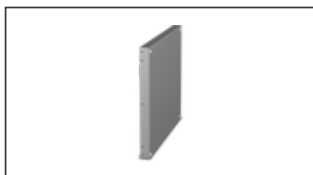
- Transition spigot
- Galvanized steel sheet
- Insulated

GR MPC 01 | 123430



- Base frame für MPC
- Galvanized steel sheet

UCP 500 | 142567



- Closed panel
- Galvanized steel sheet

RVK 280 | 153882



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

RVK H 280 | 155014



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

UQR 500 315 01 | 136201



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

UQR 500 250 01 | 136232



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

VM 355 | 102653



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

AS MPC 315 | 140844



- Inlet spigot
- Galvanized steel sheet

AS MPC 355 | 140956



- Inlet spigot
- Galvanized steel sheet

RAF 280 | 154015



- Round flange
- Sheet steel, powder coated

WSH MPC 01 | 123431



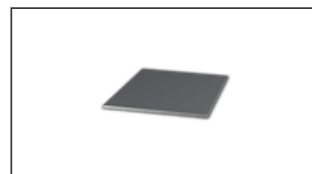
- Weather protection hood
- Galvanized steel sheet

WSG MPC 500 | 140741



- Weather protection grille
- Galvanized steel sheet

RD MPC 500 | 140073

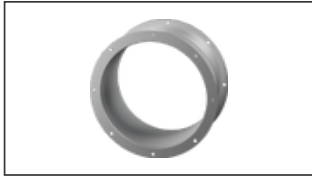


- Rain cover for outdoor installation
- Galvanized steel sheet

RAS 280 | 154244

VM 315 | 102652





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



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

ELECTRICAL ACCESSORIES

GS 03 | 107633



- Device switch
- Umax = 400 V, I_{max} = 25 A
- Switching capacity 400 V 3~ = 5,5 kW
- Protection class IP 55

MS 01 | 140407



- Motor protection switch with Isolator switchfunktion
- I_{max} = 400 V, 50/60 Hz
- Max. 0.55 kW
- Protection class IP 55

MTP 20 | 128146



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

MTP 30 | 143289



- Stepped potentiometer 10 kΩ
- Step 1 + 2 settable 10 % - 100 % V_{dc}
- Step 3 100 % V_{dc}
- Supply voltage +10 V_{dc}

MTP 40 | 147359



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

SEN AIR | 148641



- Airflow and temperature transducer
- Measuring range temperature 0...+50 °C
- With adjustable switching threshold (air speed)
- Measuring range air velocity up to 20 m/s

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 075 11 | 141840



- Frequency converter
- Supply voltage 230 V 1~ 50/60 Hz
- Output voltage 0 - 230 V 3~
- Protection class IP 20, for switch cabinet

FU 075 17 | 141851



- Frequency converter IP66
- Supply voltage 230 V 1~ 50/60 Hz
- Output voltage 0 - 230 V 3~
- Fire mode function (smoke extract fans)

FU 075 23 | 141862



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

FU 075 29 | 141873



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

MTP 50 | 153133



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

