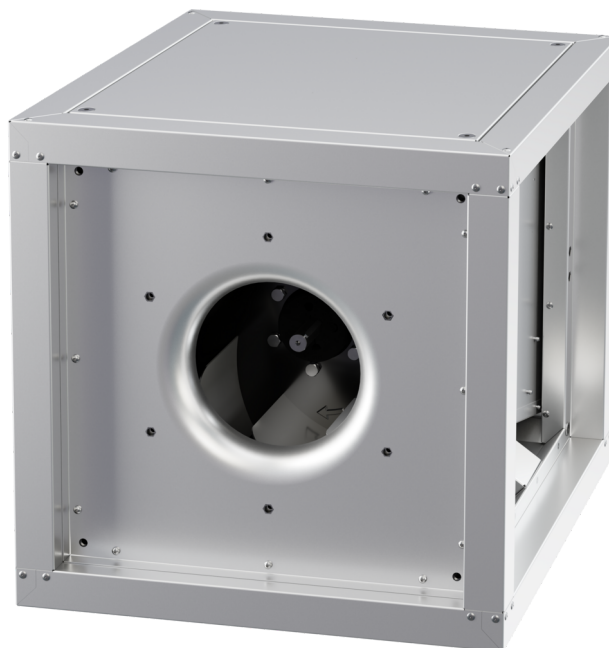


MPC 315 EC T30

149264

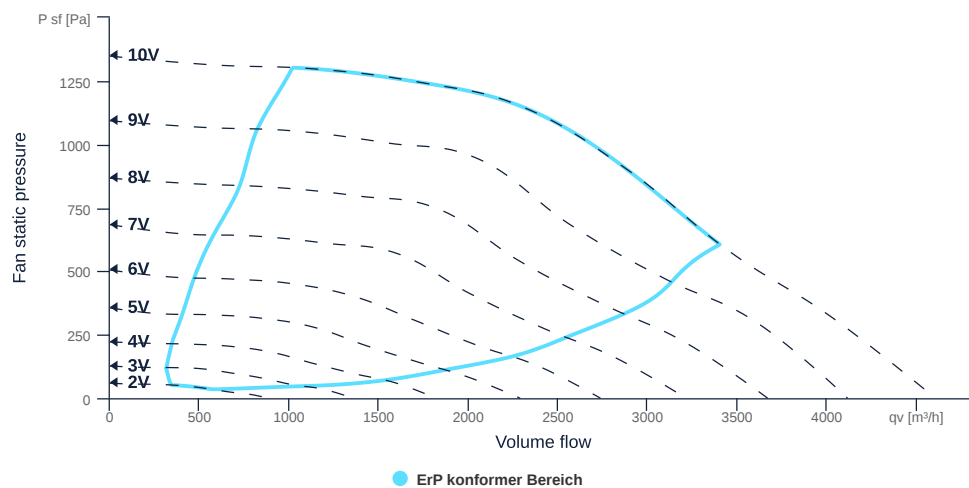
ruck

- Backward curved radial impeller
- Removable side walls, variable discharge direction
- Sheet steel housing double-walled, 30 mm mineral wool
- EC 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 315 EC T30

149264

ruck

GENERAL DATA

Name	Value	Unit	Formula symbol
ERP conformity	Yes		
Certifications	CE, UKCA		
Duct size	-		WxH _{duct}
Pipe connection size (DN)	DN355		DN
Rated voltage (entire device)	230	V	U _{rated}
Phases (entire device)	1~		phase
Electrical protection (entire device)	10 A		fuse
Housing material	Galvanized steel		mat _{casing}
Impeller material	Steel		mat _{impeller}
Weight	45.54	kg	m
Nominal air flow rate, nominal point m³/h	3402	m³/h	q _{v,nom}
Nominal external pressure, static	606	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	0.95	m³/s	q _{v,nom}
Actual electrical input power, nominal point	1.31	kW	P _{e,nom}
Face velocity, nominal point	7	m/s	V _{nom}
Nominal external pressure, static	606	Pa	p _{s,nom}
static efficiency of the extract fan, nominal point	43.7	%	η _{es,EHA}
Highest external air leakage rate	0.08	%	
Enclosure sound level, nominal point	80.28	dB(A)	L _{WA2}
Rating	Product is compliant 2018		



zur Produktseite

MPC 315 EC T30

149264

ruck

MAXIMAL DATA

Name	Value		Unit	Formula symbol
	50 Hz	60 Hz		
Max. power consumption (device)	1408	1408	W	$P_{ed, max}$
Max. operating current (device)	9.9	9.9	A	$I_{ed, max}$
Max. speed	3100	3100	1/min	n_{max}
Max. stat. efficiency	52.4	52.4	%	η_{es}
Max. fan efficiency	53.3	53.3	%	η_e
Max. flowrate	4610	4610	m ³ /h	$Q_{v, max}$
Max. stat pressure	1350	1350	Pa	$p_{sf, max}$
Max. medium temperature	120	120	°C	$T_{m, max}$
Max. environment temperature	50	50	°C	$T_{amb, max}$
Min. environment temperature	-20	-20	°C	$T_{amb, min}$



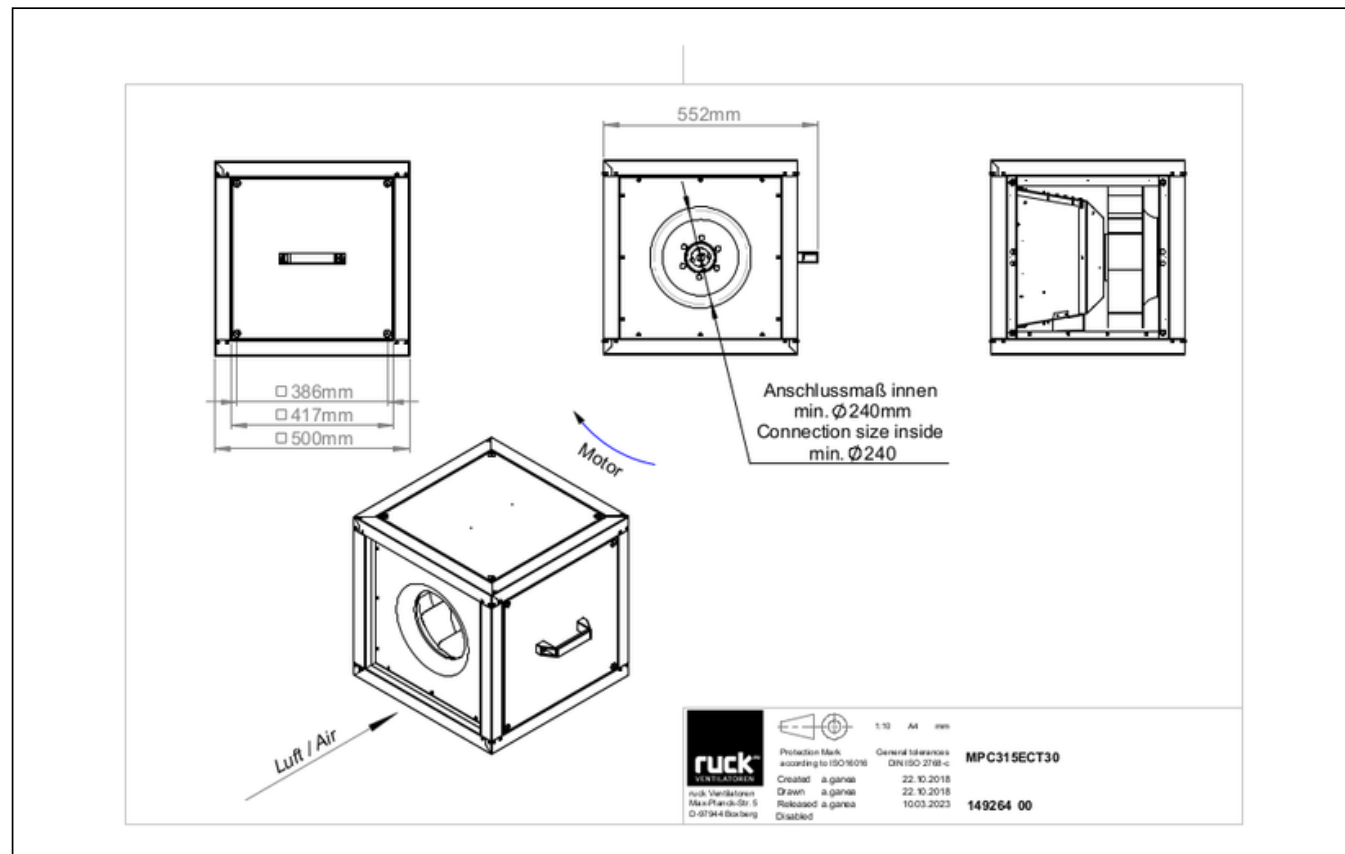
[zur Produktseite](#)

MPC 315 EC T30

149264

ruck

SCHALTPLÄNE / MASSZEICHNUNGEN

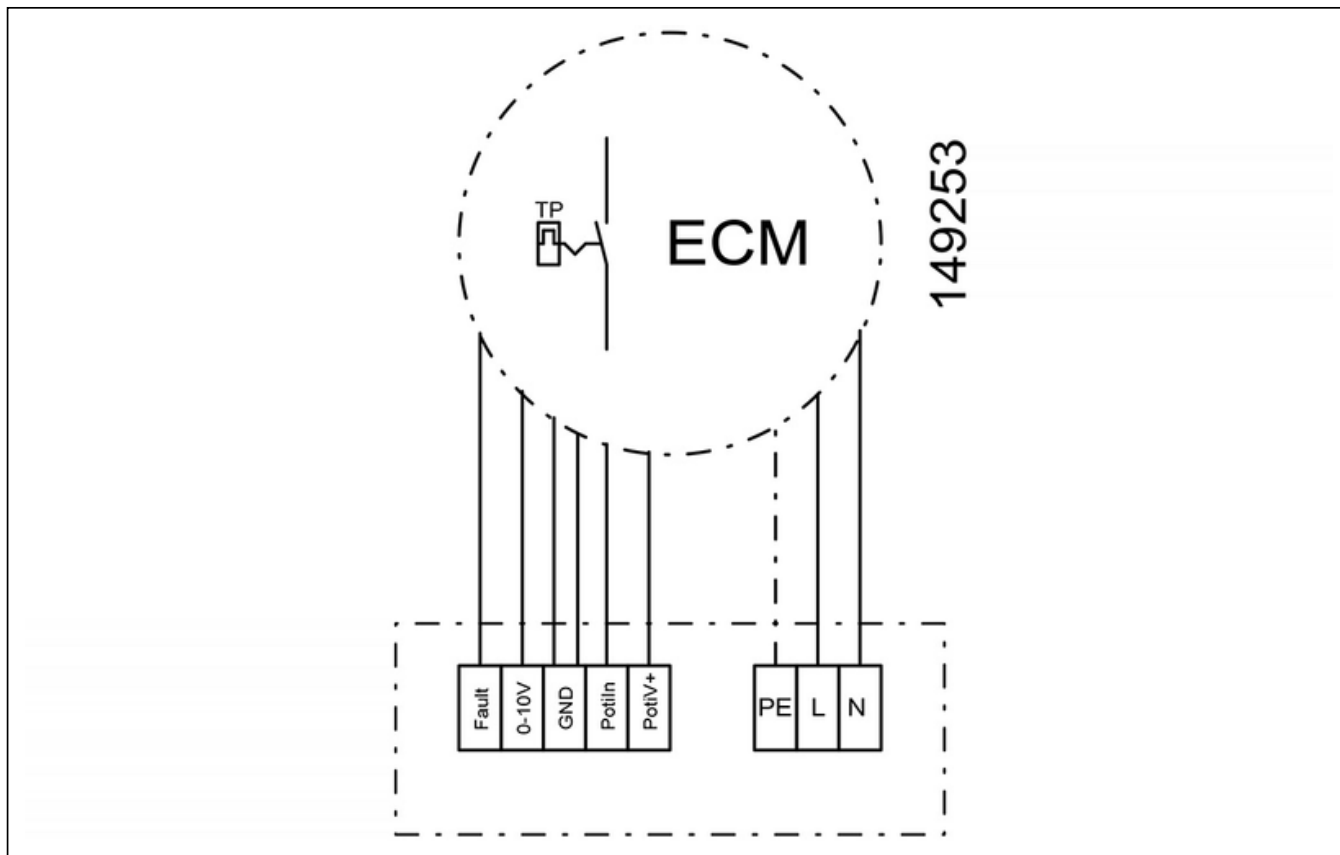


zur Produktseite

MPC 315 EC T30

149264

ruck

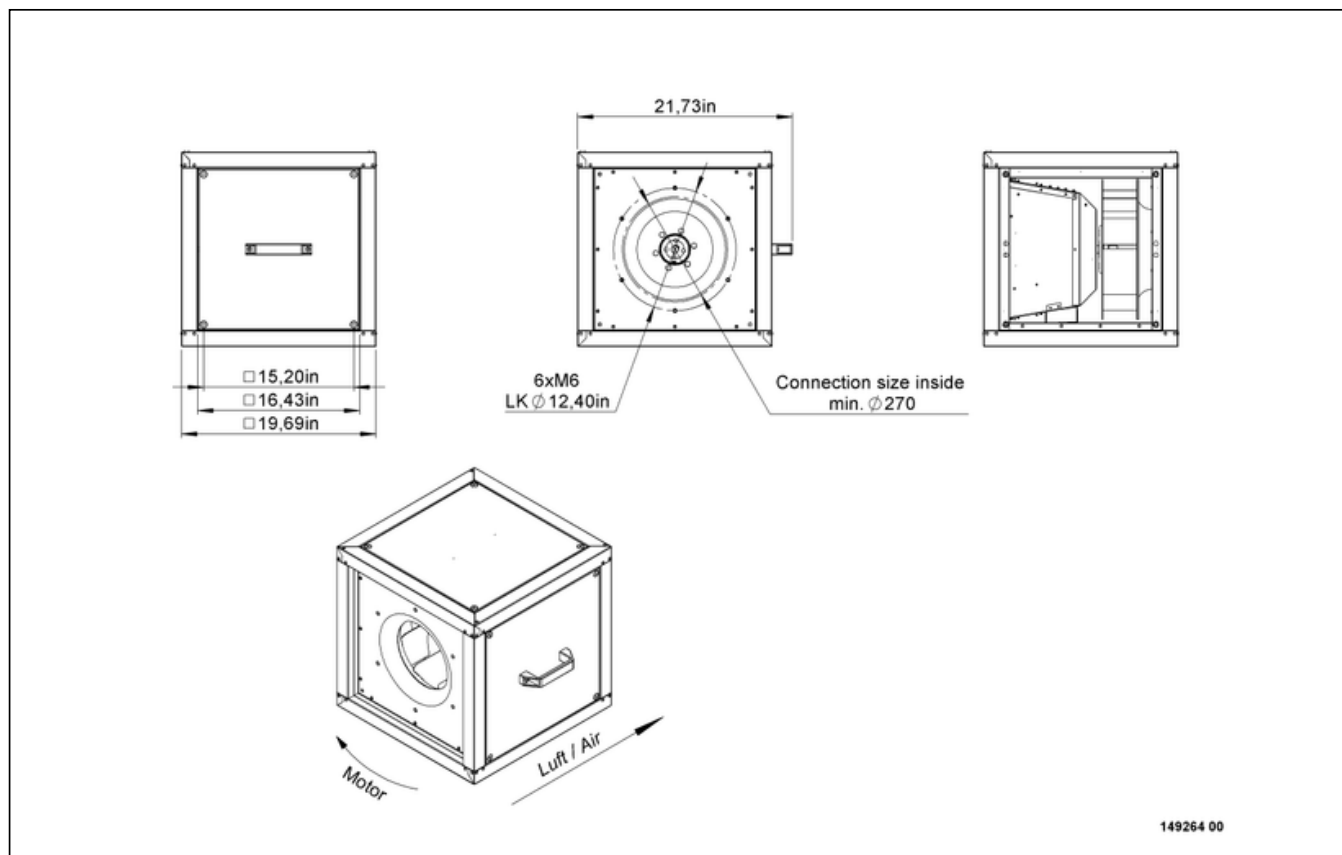


zur Produktseite

MPC 315 EC T30

149264

ruck

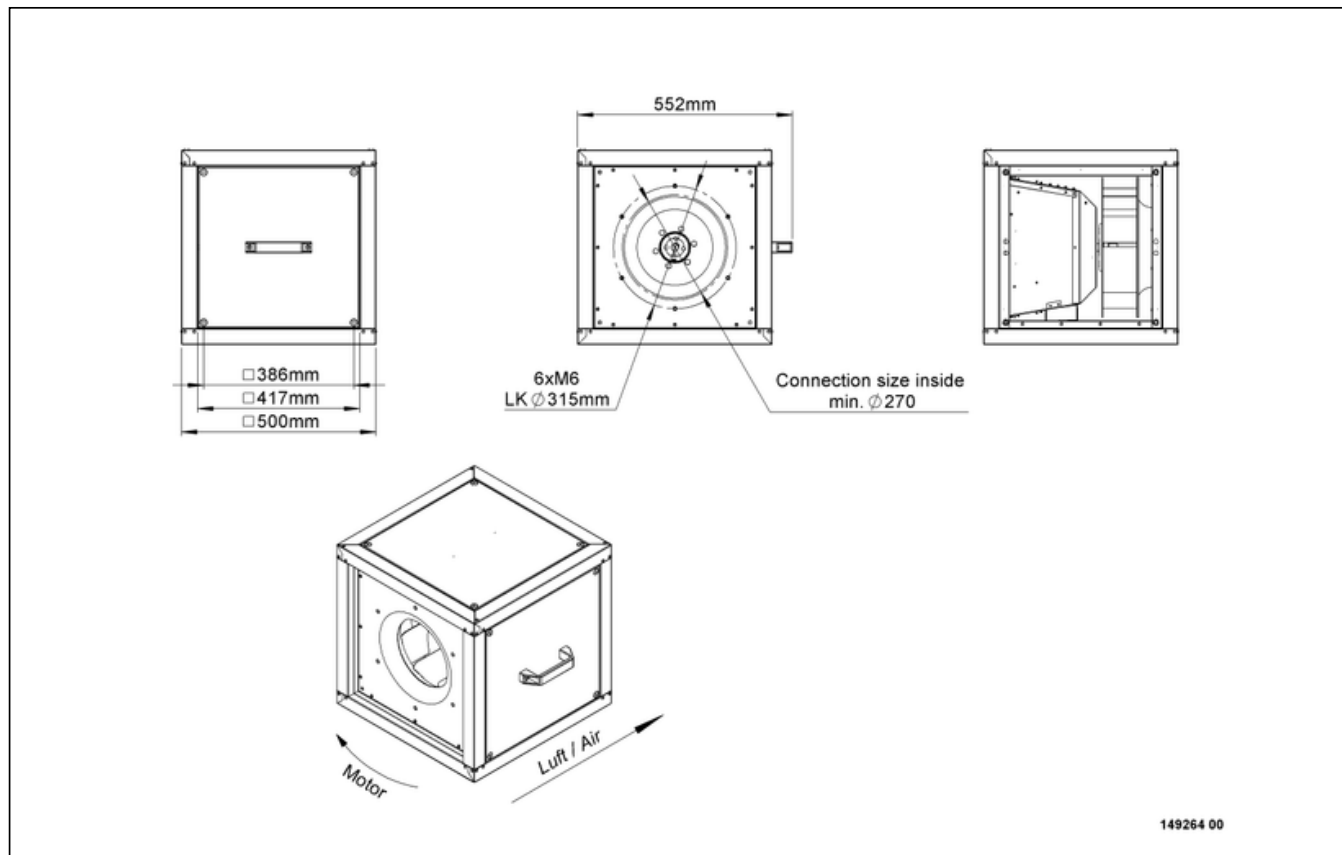


zur Produktseite

MPC 315 EC T30

149264

ruck

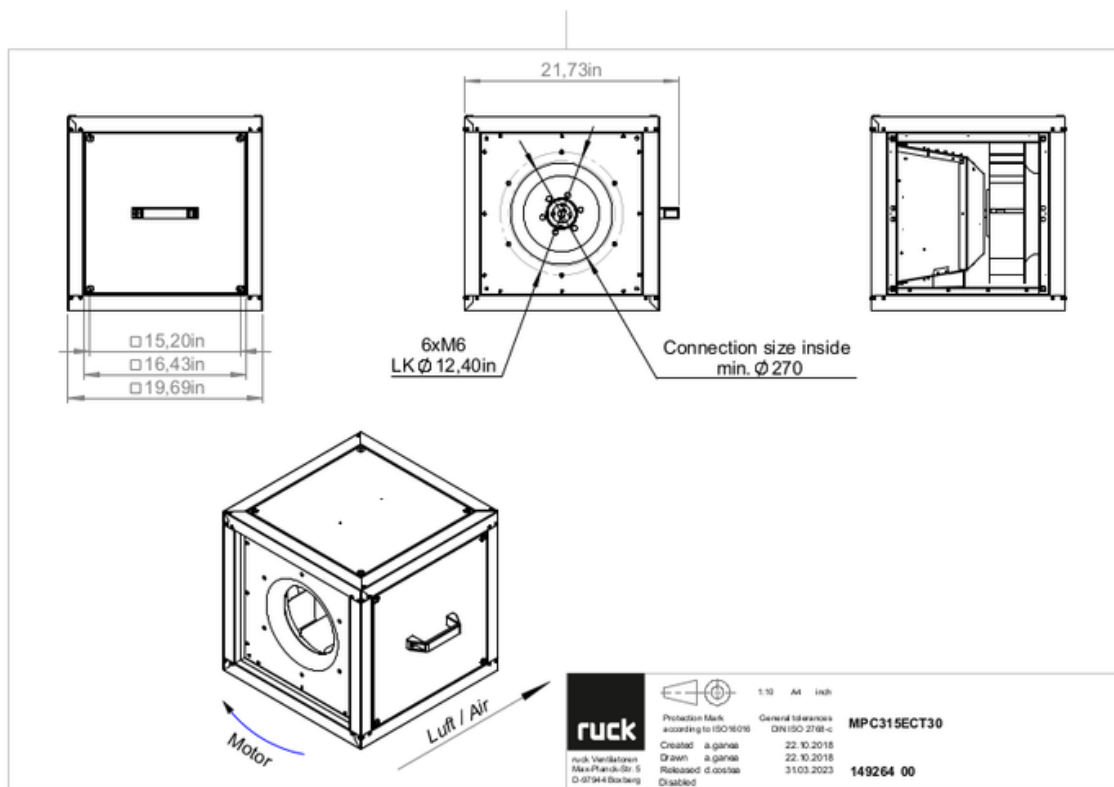


zur Produktseite

MPC 315 EC T30

149264

ruck



zur Produktseite

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

MB MPC 01 | 116411



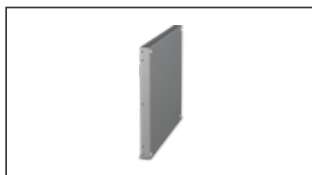
- Motor protection shield
- Sendzimir galvanized sheet

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

RAS 280 | 154244

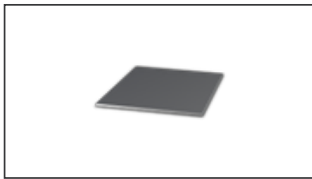
VM 315 | 102652



zur Produktseite

MPC 315 EC T30

149264



- Rain cover for outdoor installation
- Galvanized steel sheet



- 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
- U_{max} = 400 V, I_{max} = 25 A
- Switching capacity 400 V 3~ = 5,5 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 % Vdc
- Step 3 100 % Vdc
- Supply voltage +10 Vdc

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

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



zur Produktseite