

MPS 280 EC 30

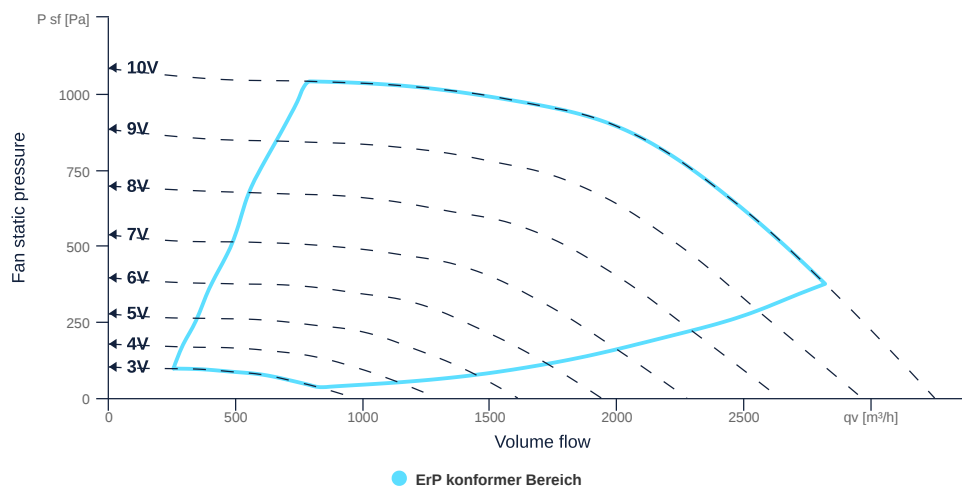
143073

- Backward curved centrifugal impeller
- Swing out fan unit
- Sheet steel housing double-walled, 40 mm mineral wool
- High efficiency EC motor outside the air flow
- Conveyed medium temperature up to 120 °C in continuous operation
- With condensate and grease drain



FAN CURVES

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



to the product detail page

MPS 280 EC 30

143073

ruck

GENERAL DATA

Name	Value	Unit	Formula symbol
Labeling	CE, UKCA		
Duct size	-		WxH _{duct}
Pipe connection size (DN)	DN315		DN
Rated voltage (entire device)	230	v	U _{rated}
Phases (entire device)	1~		phase
Electrical protection (entire device)	6 A		fuse
Housing material	Galvanized steel		mat _{casing}
Impeller material	Coated steel		mat _{impeller}
Weight	36	kg	m
Nominal air flow rate, nominal point m³/h	2091.6	CmH	q _{v,nom}
Nominal external pressure, static	855.5	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	0.58	CmS	q _{v,nom}
Actual electrical input power, nominal point	0.88	kw	P _{e,nom}
Face velocity, nominal point	7.5	mps	v _{nom}
Nominal external pressure, static	855.5	Pa	p _{s,nom}
supply air fan static efficiency, nominal point	58.3	p	η _{es,SUP}
Highest external air leakage rate	0.01	p	
Enclosure sound level, nominal point	75	db	LWA2
Rating	Product is compliant 2018		

MAXIMAL DATA

Name	Value		Unit	Formula symbol
	50 Hz	60 Hz		
Max. power consumption (device)	885	885	w	P _{ed, max}
Max. operating current (device)	4.1	4.1	A	I _{ed, max}
Max. speed	3000	3000	rpm	n _{max}
Max. stat. efficiency	54.9	54.9	p	η _{es}
Max. fan efficiency	55.6	55.6	p	η _e
Max. flowrate	3250	3250	CmH	q _{v, max}
Max. stat pressure	1080	1080	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}



to the product detail page

MPS 280 EC 30

143073

ruck

MOTOR DATA

Name	Value		Unit	Formula symbol
	50 Hz	60 Hz		
Rated frequency (device)		50		f
Motor type		EC		phase
Control type		stepless-controlled		ctrltype
Installation type		IRM (In)		install
Rotation direction		right		rotation
Isolation class		ISO F		ISOclass
Protection class		IP54		IPmotor
Is pole-changeable		No		polexch
Type of power supply		AC 1~		pwrsupmotor
Rated voltage	230		v	U _{rated, f1}
Rated current	4.4		A	I _{rated, f1}
Nominal power	750		w	P _a
Speed	3000		rpm	n _{f1}
UL-Certification motor		UL recognized		ULcert

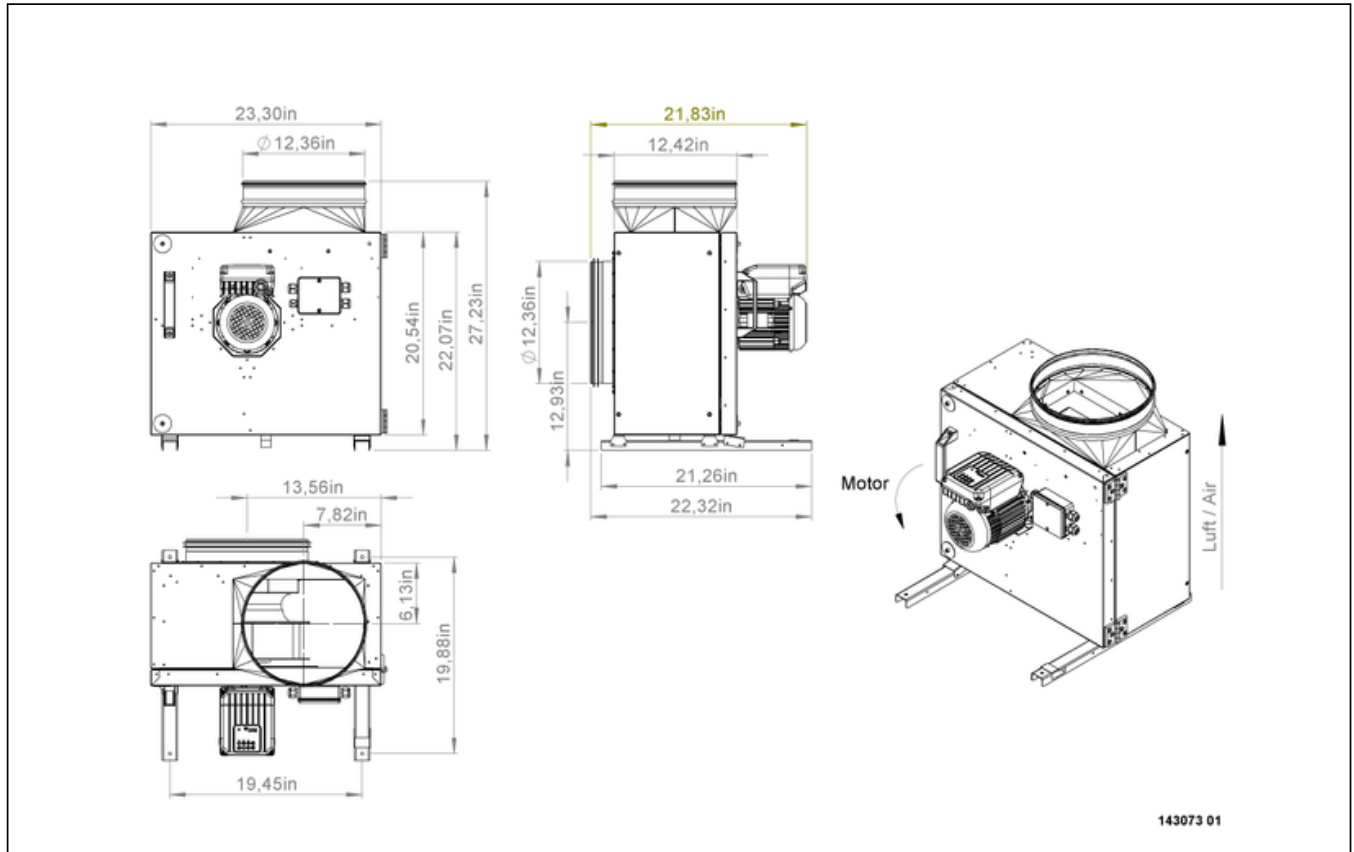
SMOKE EXTRACT DATA

Name	Value	Unit	Formula symbol
Fire resistance class	None		Fclass



to the product detail page

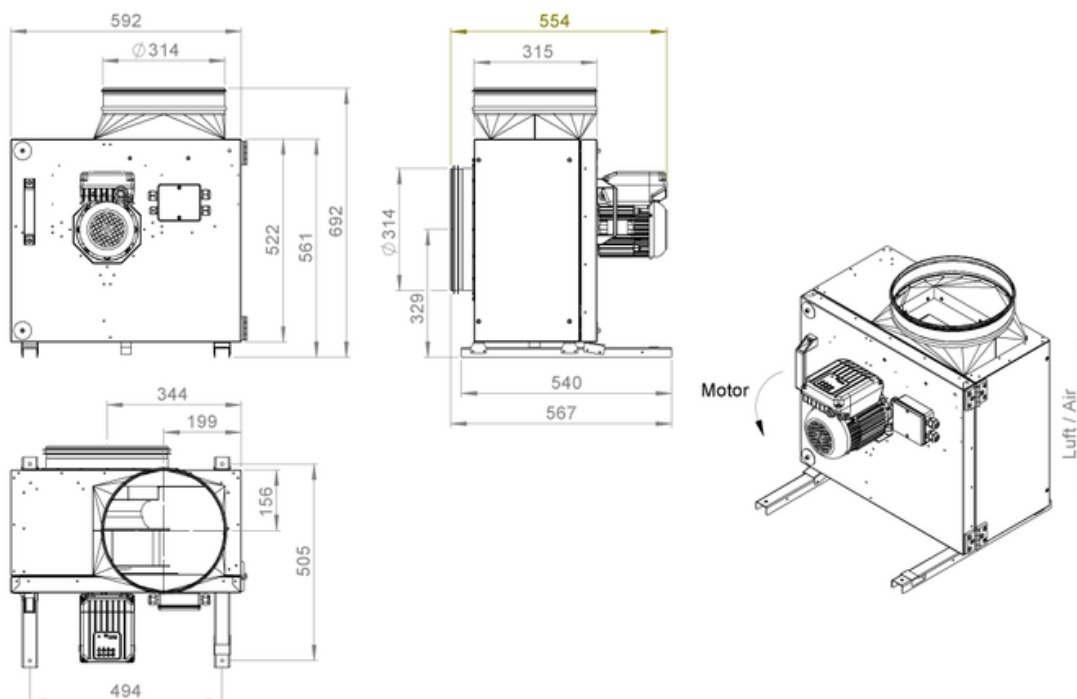
CIRCUIT DIAGRAMS / DIMENSIONAL DRAWINGS



MPS 280 EC 30

143073

ruck



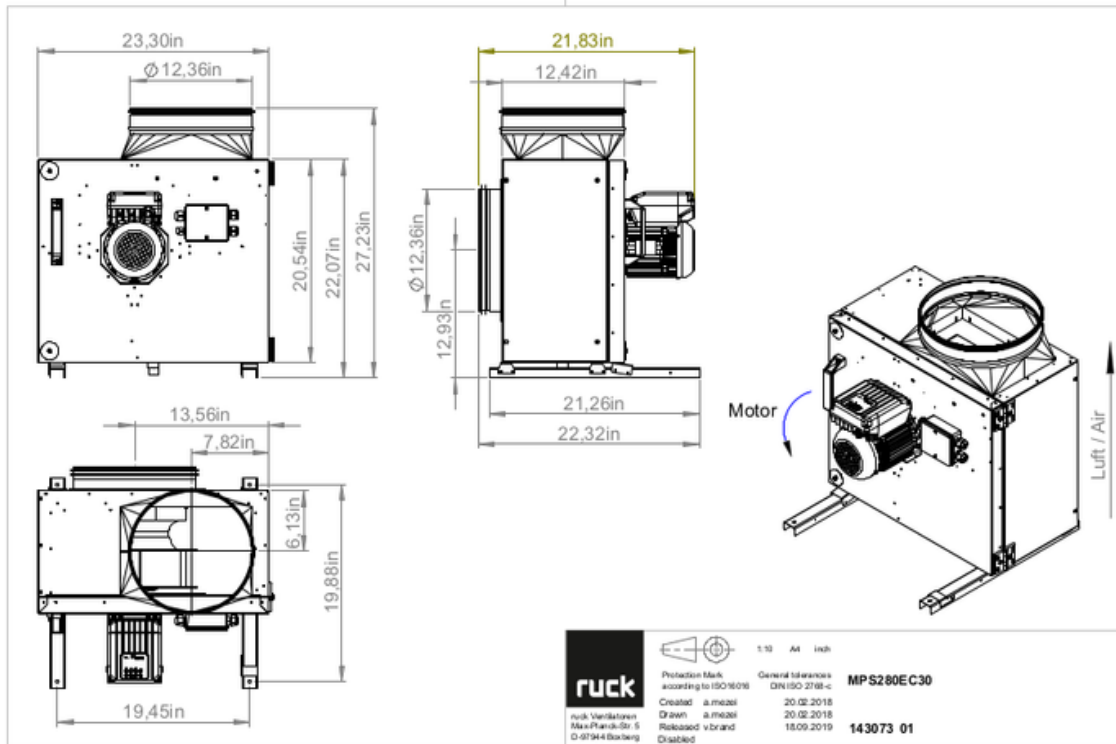
143073 01



MPS 280 EC 30

143073

ruck

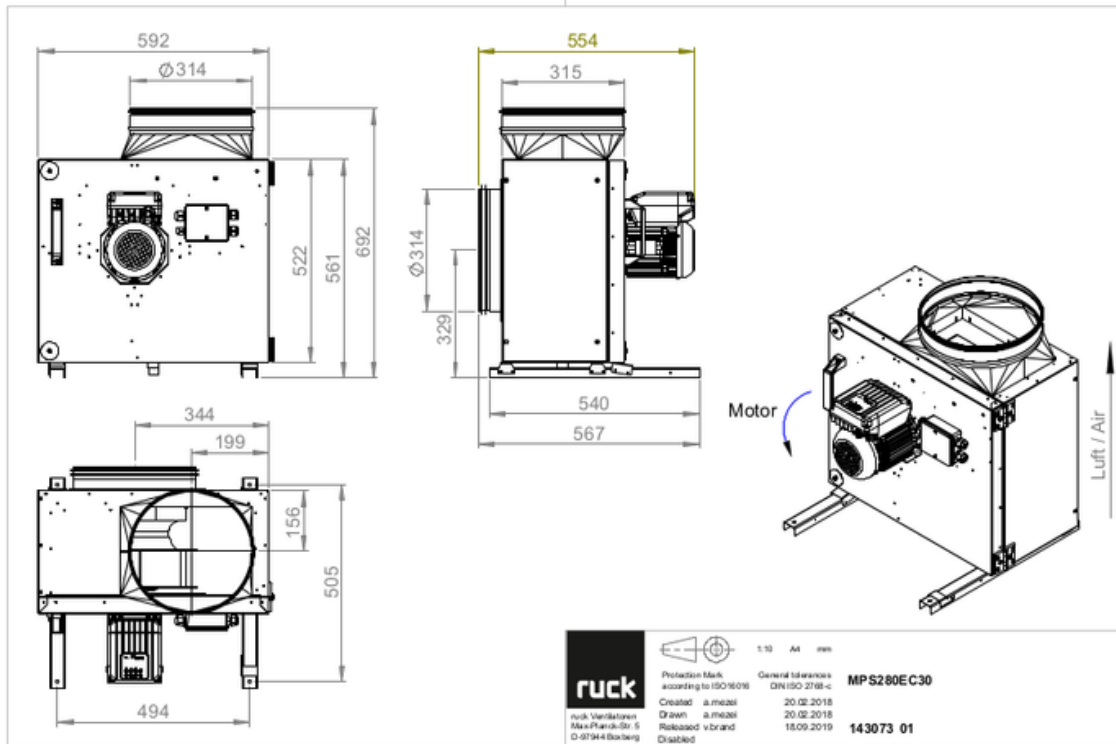


to the product detail page

MPS 280 EC 30

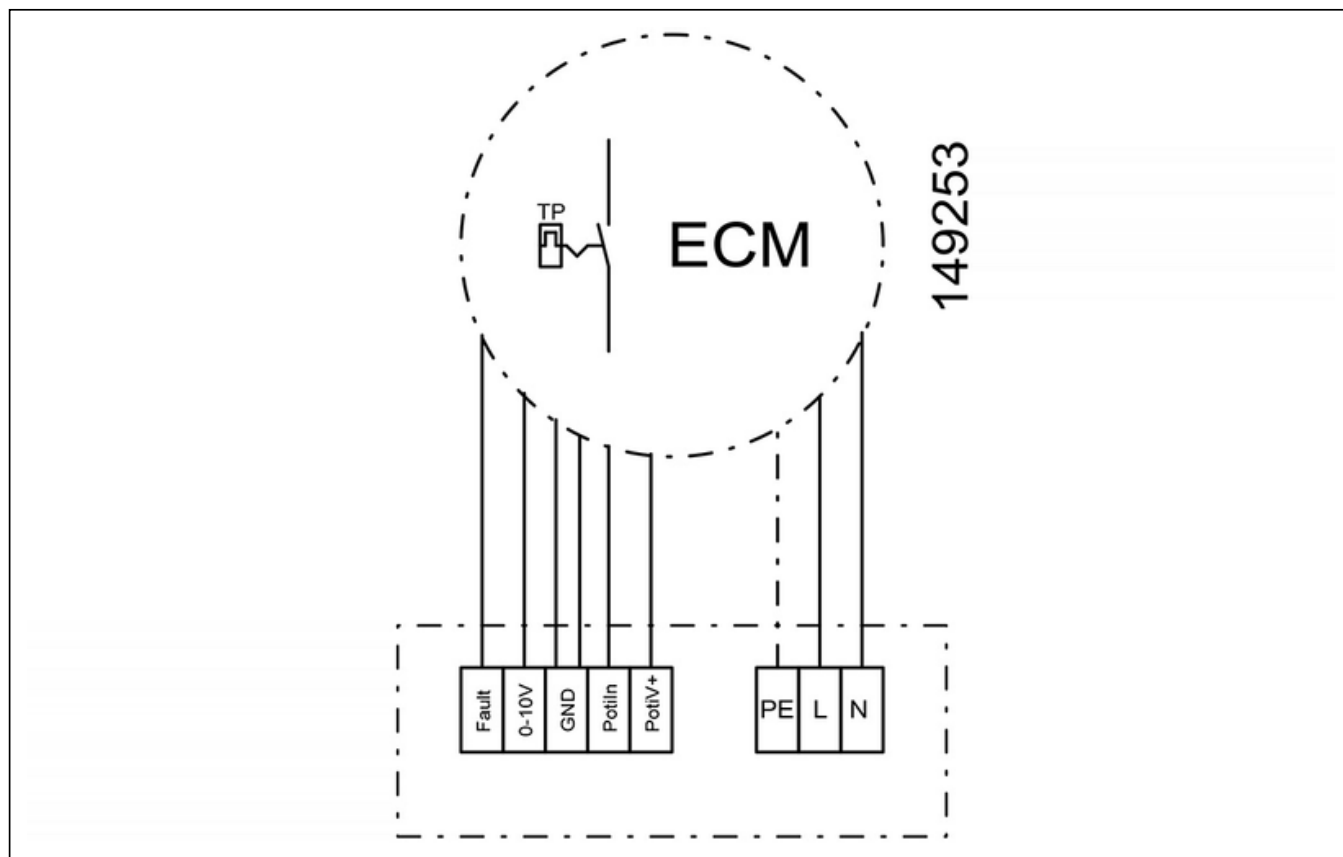
143073

ruck



MPS 280 EC 30

143073



to the product detail page