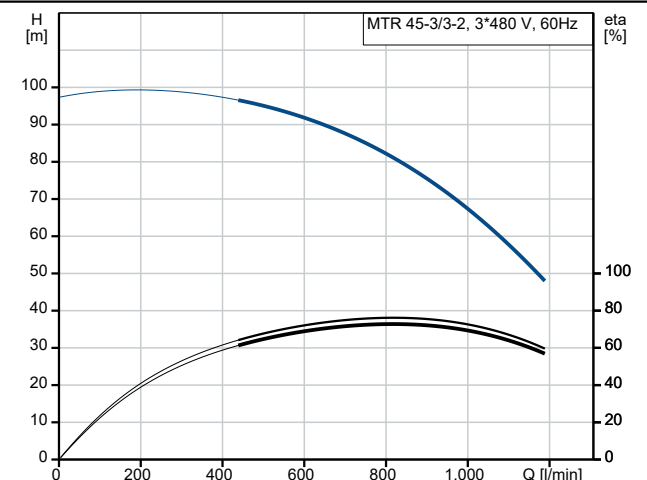
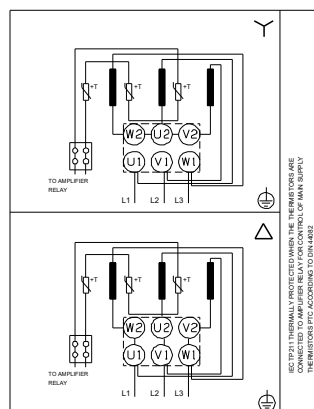
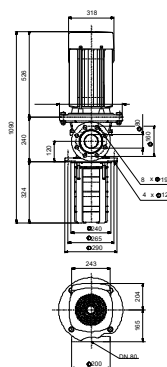
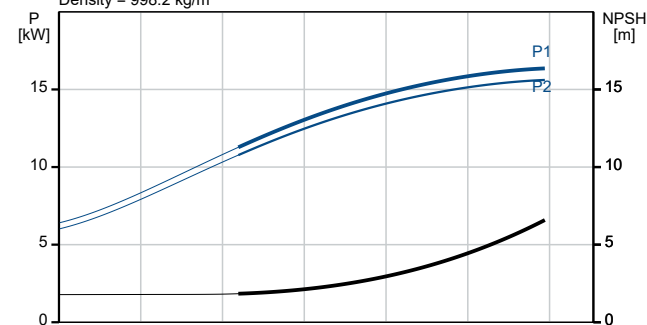


Description	Value
General information:	
Product name:	MTR 45-3/3-2 A-F-A-HUUV
Product No:	On request
EAN number:	On request
Technical:	
Pump speed on which pump data are based:	3540 rpm
Rated flow:	900 l/min
Rated head:	75.4 m
Chambers:	3
Impellers:	3
Number of reduced-diameter impellers:	2
Drainage back to tank (Yes/No):	N
Pump orientation:	Vertical
Primary shaft seal:	HUUV
Code for shaft seal:	HUUV
Approvals:	CE, EAC, UKCA, Morocco
Approvals for motor:	CE, EAC, UKCA, SEPRO, Morocco
Energy approvals for motor:	CE, CC, Singapore, Aust./N.Z
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	B
Materials:	
Type key, code for materials:	A
Pump head:	Cast iron EN 1561 EN-GJL-200 ASTM A48-25B
Impeller:	Stainless steel EN 1.4301 AISI 304
Material code:	A
Installation:	
Maximum ambient temperature:	60 °C
Maximum operating pressure:	25 bar
Max pressure at stated temp:	25 bar / 90 °C
Type key, code for pipework connection:	F
Type of connection:	DIN
Size of outlet connection:	DN 80
Immersion depth:	324 mm
Pressure rating for connection:	PN 40
Flange size for motor:	FF300
Terminal box position:	6
Connect code:	F
Liquid:	
Pumped liquid:	Emulsion
Liquid temperature range:	-10 .. 90 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor standard:	IEC
Motor type:	160LB
Rated power - P2:	18.5 kW
Mains frequency:	60 Hz



Pumped liquid = Emulsion
Liquid temperature during operation = 20 °C
Density = 998.2 kg/m³





Company name:

Created by:

Phone:

Date:

17/01/2026

Description	Value
Suitable for 50/60 Hz (Yes/No):	N
Rated voltage:	3 x 400-480D/690Y V
Rated current:	33,2-28,0/16,6 A
Starting current:	760-1100 %
Cos phi - power factor:	0.88-0.84
Rated speed:	3530-3560 rpm
IE Efficiency class:	NEMA Premium / IE3 60Hz
Motor efficiency at full load:	91.7 %
Motor efficiency at 3/4 load:	92.5-93.1 %
Motor efficiency at 1/2 load:	92.3-91.8 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	85U17528
Controls:	
Terminal box position:	6
Frequency converter:	None
Safe Torque Off:	N
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	169 kg
Gross weight:	194 kg
Shipping volume:	0.403 m ³
Environmental approvals:	WEEE

