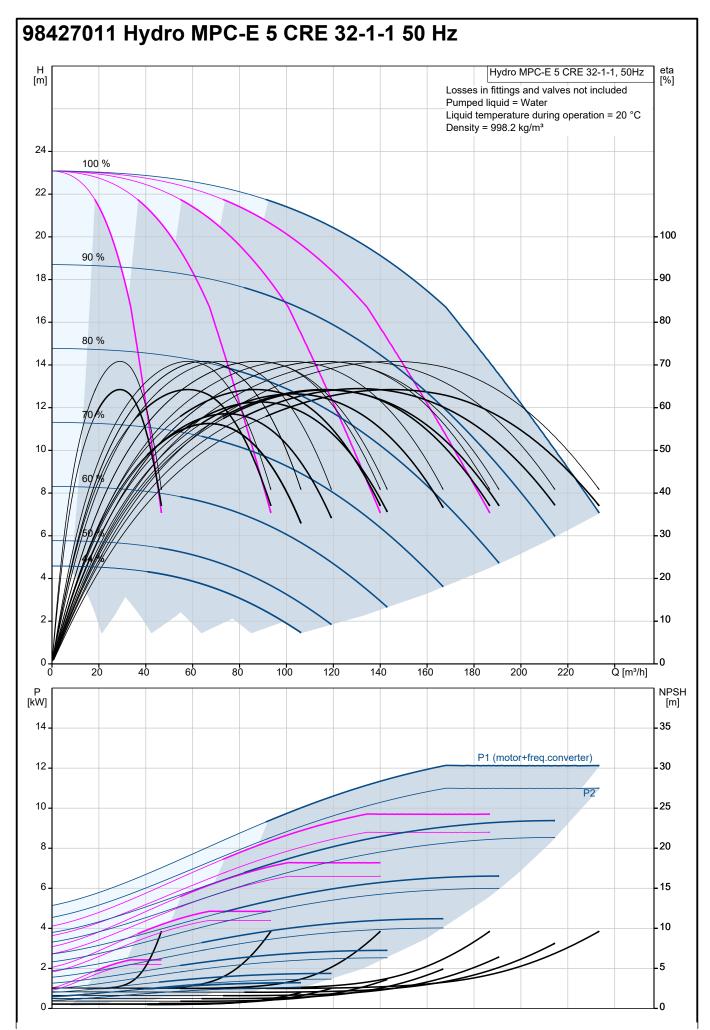
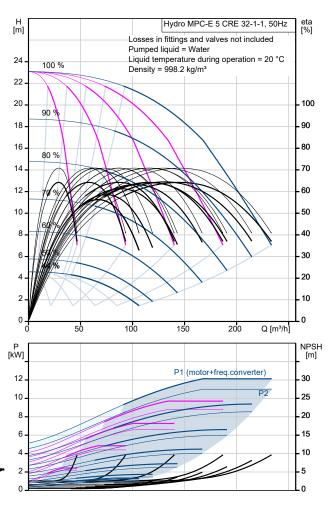
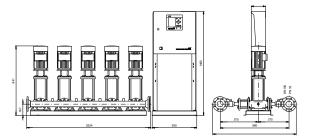


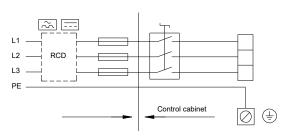
Qty.	Description						
1		Manual operation.					
		Possibility of external setpoint influence.					
		Log function.					
		Setpoint ramp.					
		Possibility of digital remote-control functions:					
		System on/off.					
		Max., min. or user-defined duty.					
		Up to 6 alternative setpoints.					
		Digital inputs and outputs can be configured individually.					
		Pump and system monitoring functions:					
		Minimum and maximum limits of current value.					
		Inlet pressure. Non-return valve monitoring.					
	Motor protection. Sensors and cables monitored for malfunction.						
		Alarm log with the previous 24 warnings/alarms.					
		Display and indication functions:					
		Colour screen display.					
	Green indicator light for operating indications and red indicator light for fau indications						
	Potential-free changeover contacts for operation and fault.						
	Grundfos bus communication.						
	It is possible to add CIM communication modules for communicating with Scada/BMS.						
	Rumpa piping appling complete	as well as Captrol MPC are mounted on the base from					
	Pumps, piping, cabling complete as well as Control MPC are mounted on the base frame. The booster system has been preset and tested.						
	There are options to upgrade the	pressure					
	boosting system.						
	Flow media:	Water					
	Allowed liquid temp.:	5 °C 60 °C					
	System pressure max.:	16 bar					
	Flow (Plant):	240 m³/h					
	Flow without one stand-by pump	acc. DIN 1988/T5: 192 m³/h					
	Nom. current of plant:	22 A					
	Nominal power:	2.2 kW					
	Net weight:	651 kg					

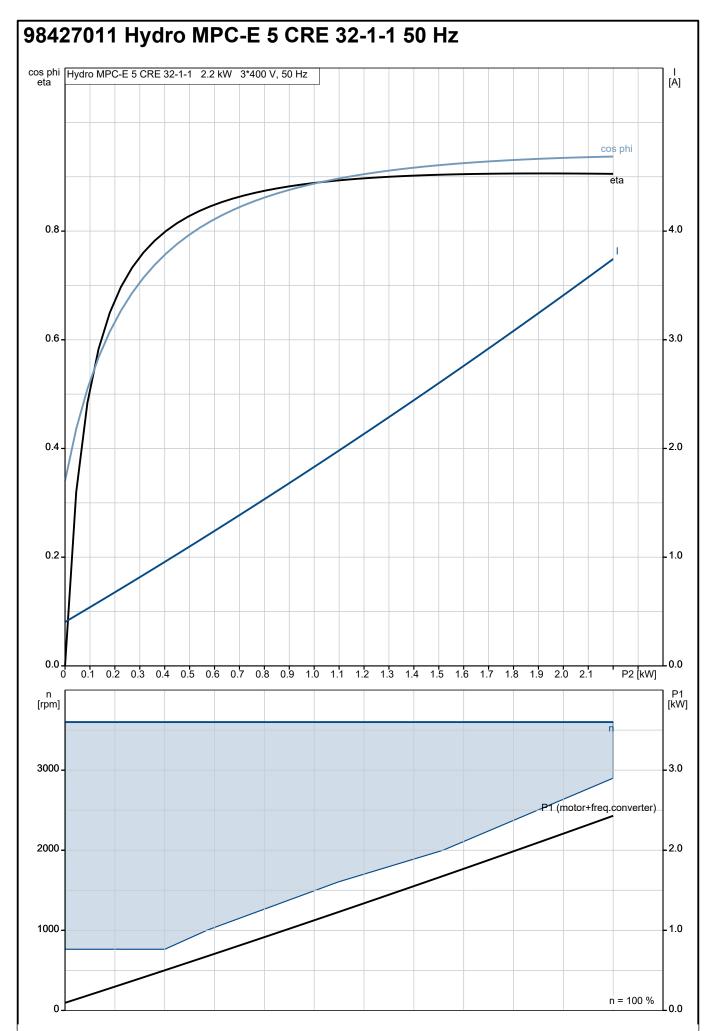


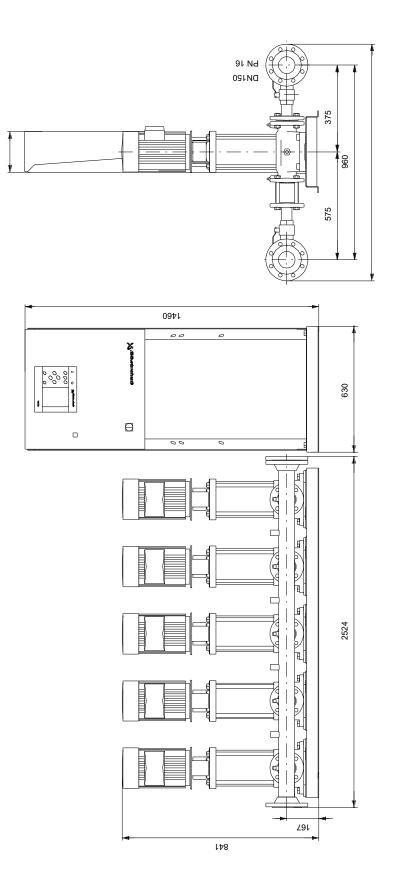
Description	Value
General information:	
Product name:	Hydro MPC-E 5 CRE 32-1-1
Product No:	98427011
EAN number:	5711494819157
Technical:	
Rated flow:	180 m³/h
Max flow:	240 m³/h
Max flow system:	192 m³/h
Rated head:	15.6 m
Head max:	21.5 m
Main pump name:	CRE 32-1-1
Main pump No:	98390932
Number of pumps:	5
Non-ret, valve:	at discharge side
Materials:	5
Manifolds:	EN/DIN 1.4571/ AISI 316 Ti
Installation:	
Range of ambient temperature:	540 °C
Maximum operating pressure:	16 bar
Maximum permissible inlet pressure:	15.3 bar
Manifold inlet:	DN150
Manifold outlet:	DN150
Pressure rating:	PN 16
Earth connection:	N, PE
System design:	D
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	560 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
Electrical data:	5
Power (P2) main pump:	2.2 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415 V
Rated current of system:	22 A
Start. method:	electronically
Enclosure class (IEC 34-5):	IP54
	EMC DIRECTIVE(2014/30/EU)
Radio interference supression:	ENC DIRECTIVE(2014/30/EO)
Number of phases of main pump:	3
Controls:	
Control type:	E
Dry running protection, mechanical:	PRESSURE SENSOR 0-4 BAR
Tank:	
Volume of pressure tank:	12
Diaphragm tank:	Yes
Others:	
Basis plant:	Υ
Net weight:	651 kg
Gross weight:	712 kg
Sales region:	Great Britain
Config. file no:	98272419
Config.file Control MPC:	98271949
Config.file Hydro MPC:	98272014
Country of origin:	GB
Custom tariff no.:	84137075
	0-10/0/0



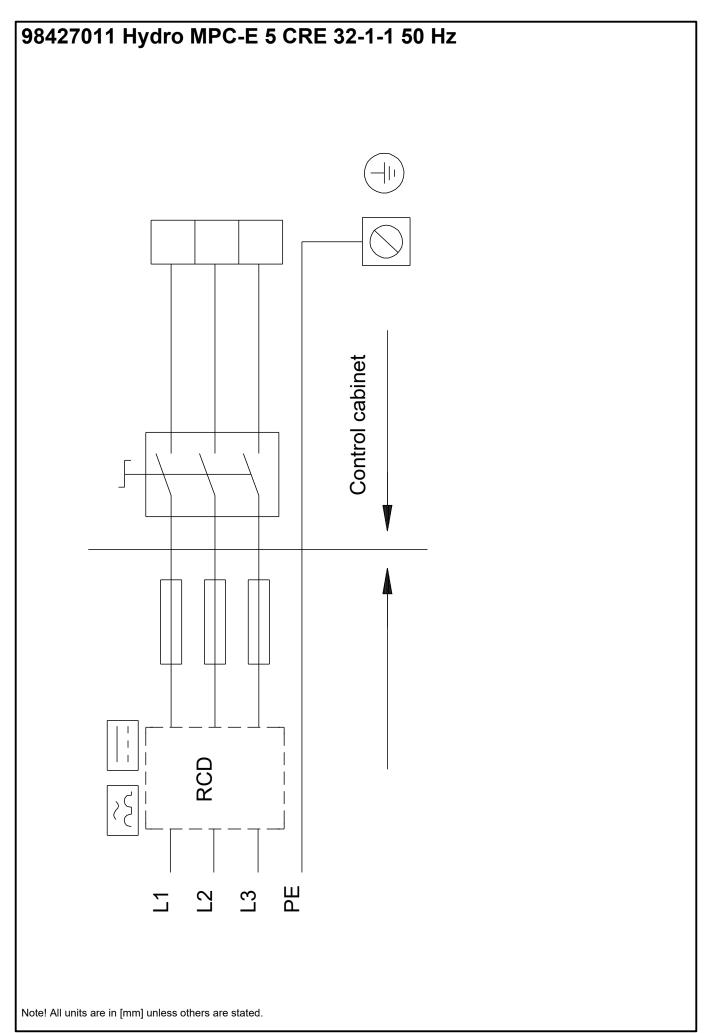








Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.



Order Data:							
Position	Your pos.	Product name	Amount	Product No	Total		
		Hydro MPC-E 5 CRE 32-1-1	1	98427011	Price or reques		
					1		