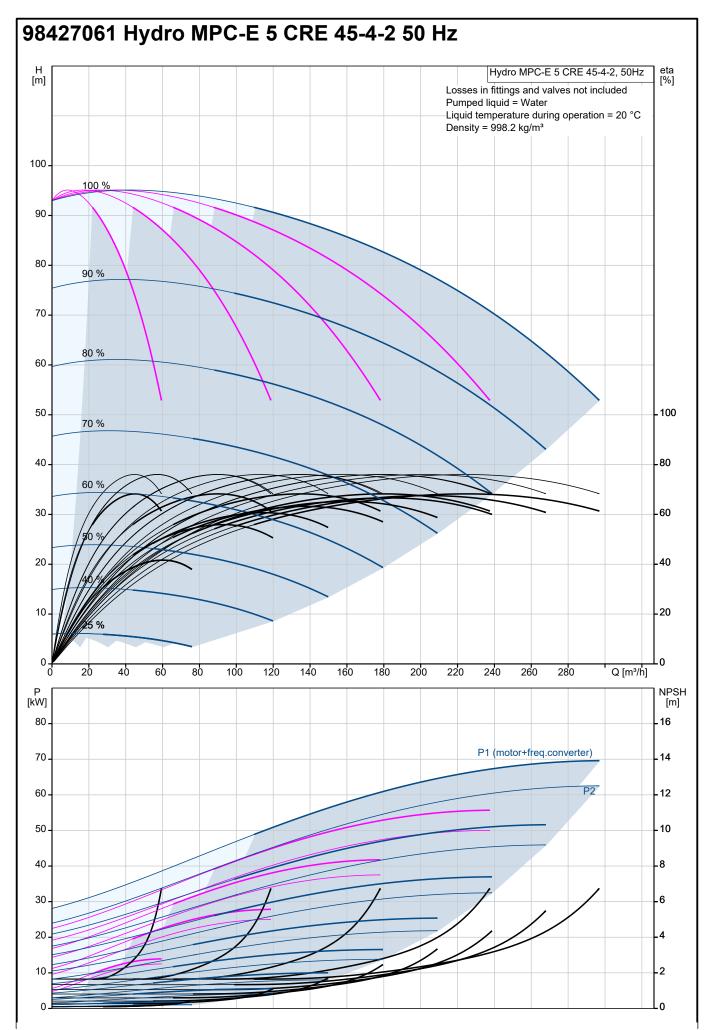
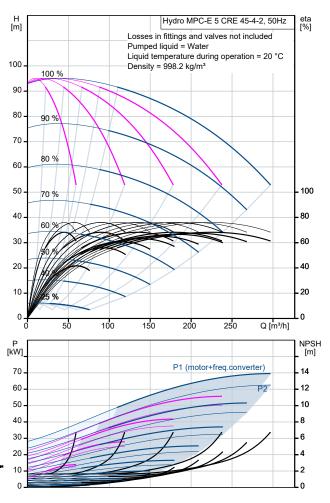
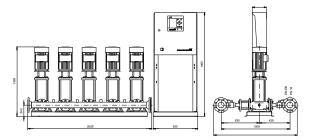


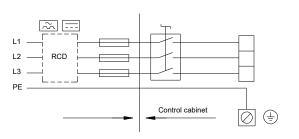
Qty.	Description					
1		Manual operation.				
		Possibility of external setpoint influence.				
		Log function.				
		Setpoint ramp.				
		Possibility of digital remote-control functions: System on/off.				
		Max., min. or user-defined duty.				
		Up to 6 alternative setpoints.				
		Digital inputs 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 fault indications				
		Potential-free changeover contacts for operation and fault.				
		Grundfos bus communication.				
	It is possible to add CIM commun	dd CIM communication modules for communicating with Scada/BMS.				
	Pumps, piping, cabling complete The booster system has been pre	complete as well as Control MPC are mounted on the base frame. Is been preset and tested.				
		There are options to upgrade the pressure				
	boosting system.					
	Flow media:	Water				
	Allowed liquid temp.:	5 °C 60 °C 16 bar				
	System pressure max.: Flow (Plant):	350 m <sup>3</sup> /h				
	Flow without one stand-by pump					
	Nom. current of plant:	204 A				
	Nominal power:	22 kW				
	Net weight:	1570 kg				

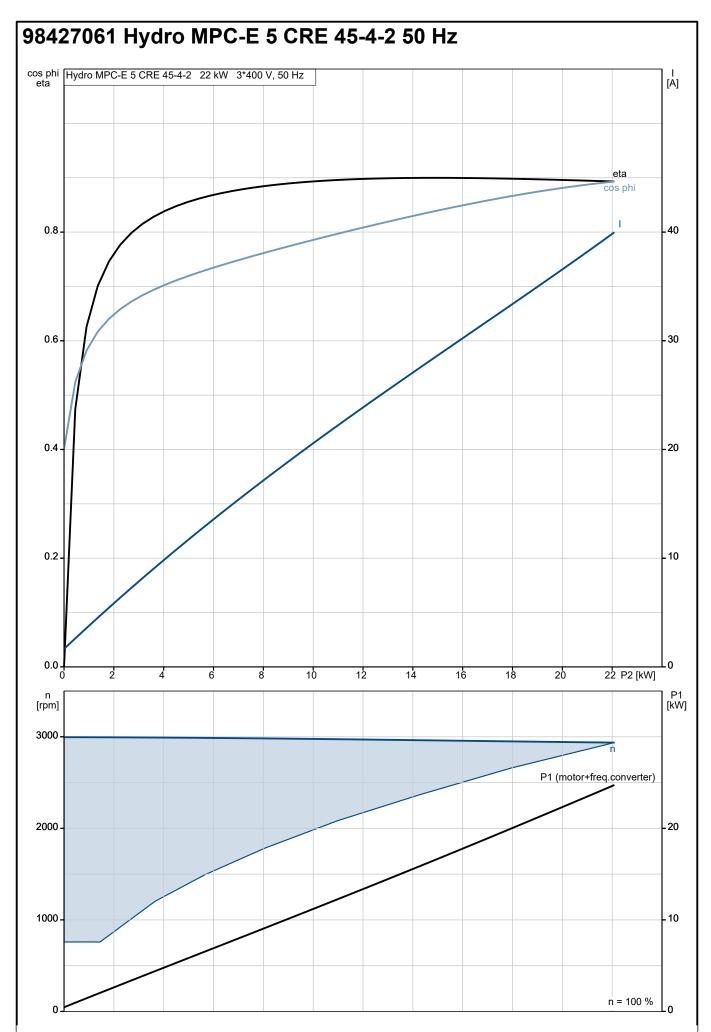


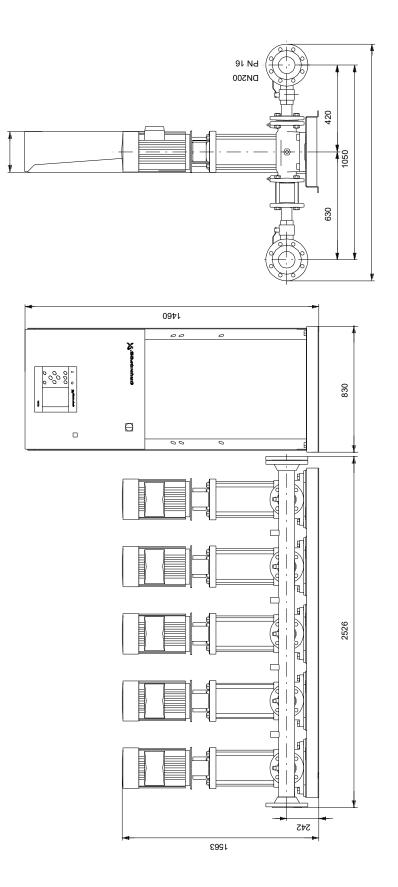
Description	Value
General information:	
Product name:	Hydro MPC-E 5 CRE 45-4-2
Product No:	98427061
EAN number:	5711494819652
Technical:	
Rated flow:	270 m³/h
Max flow:	350 m³/h
Max flow system:	280 m <sup>3</sup> /h
Rated head:	104 m
Head max:	133.1 m
Main pump name:	CRE 45-4-2
Main pump No:	96123407
Number of pumps:	5
Non-ret. valve:	at discharge side
Materials:	at discharge side
Manifolds:	EN/DIN 1 4671/ AISI 216 Ti
Installation:	EN/DIN 1.4571/ AISI 316 Ti
	540 °C
Range of ambient temperature:	
Maximum operating pressure:	16 bar
Maximum permissible inlet pressure:	8.5 bar
Manifold inlet:	DN200
Manifold outlet:	DN200
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:	-
Power (P2) main pump:	22 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415 V
Rated current of system:	204 A
Start. method:	electronically
Enclosure class (IEC 34-5):	IP54
	EMC DIRECTIVE(2014/30/EU)
Radio interference supression:	
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:	Y
Net weight:	1570 kg
Gross weight:	1640 kg
Sales region:	Great Britain
Config. file no:	98272447
Config.file Control MPC:	98271949
Config.file Hydro MPC:	98272020
Country of origin:	GB
Custom tariff no.:	84137075
	01010



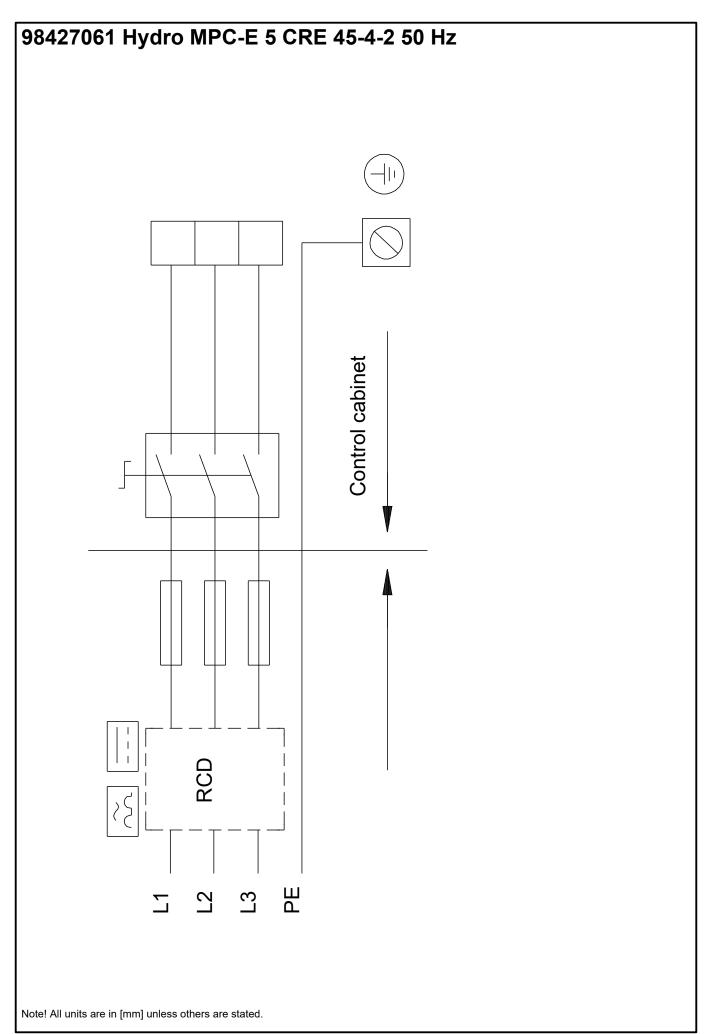








Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.



Order Data:							
Position	Your pos.	Product name	Amount	Product No	Total		
		Hydro MPC-E 5 CRE 45-4-2	1	98427061	Price or reques		
					Teques		