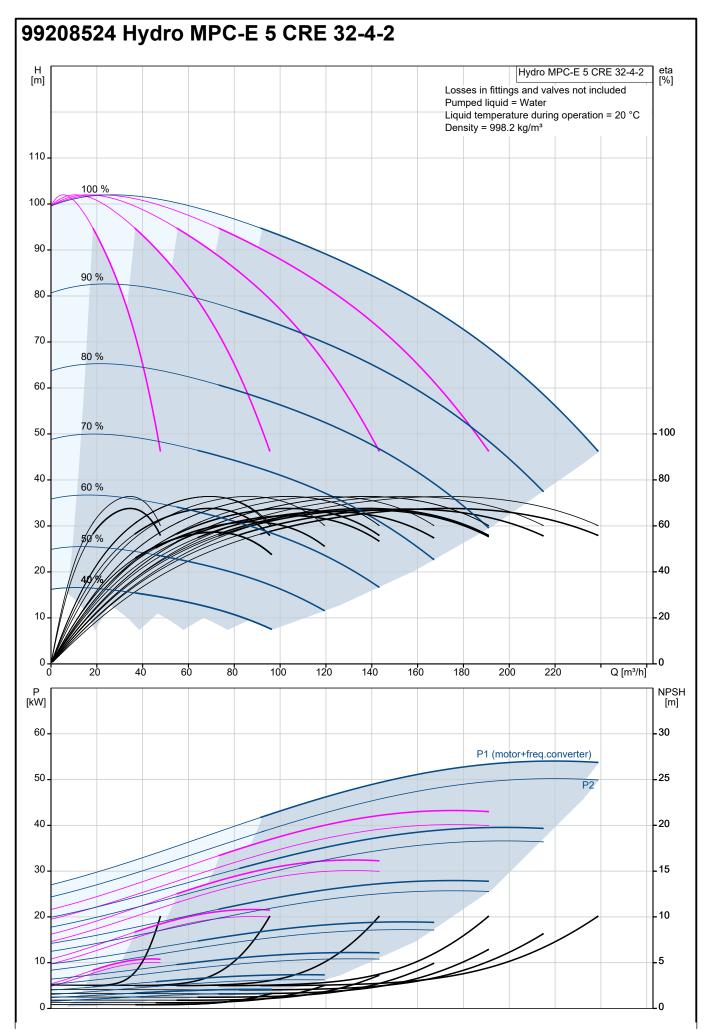
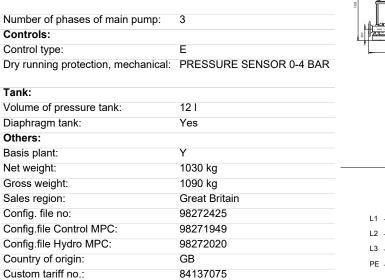
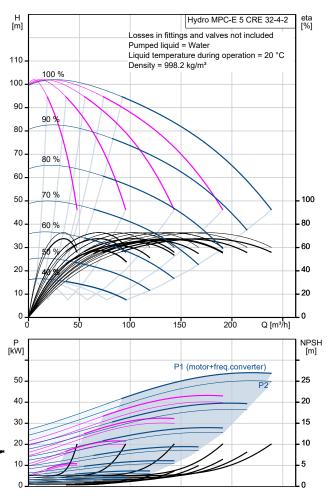


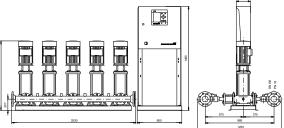
Qty.	Description						
1		Manual operation.					
		Possibility of external setpoint influence.					
		Log function.					
		Setpoint ramp.					
		Possibility of digital remote-control functions:					
		System on/off.					
		Max., min. or user-defined duty.					
		Up to 6 alternative setpoints.					
		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 commur	nication modules for communicating with Scada/BMS.					
	Pumps piping cabling complete	as well as Control MPC are mounted on the base frame					
	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						
	Nom. current of plant:	106 A					
	Nominal power:	11 kW					
	Net weight:	1030 kg					

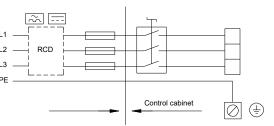


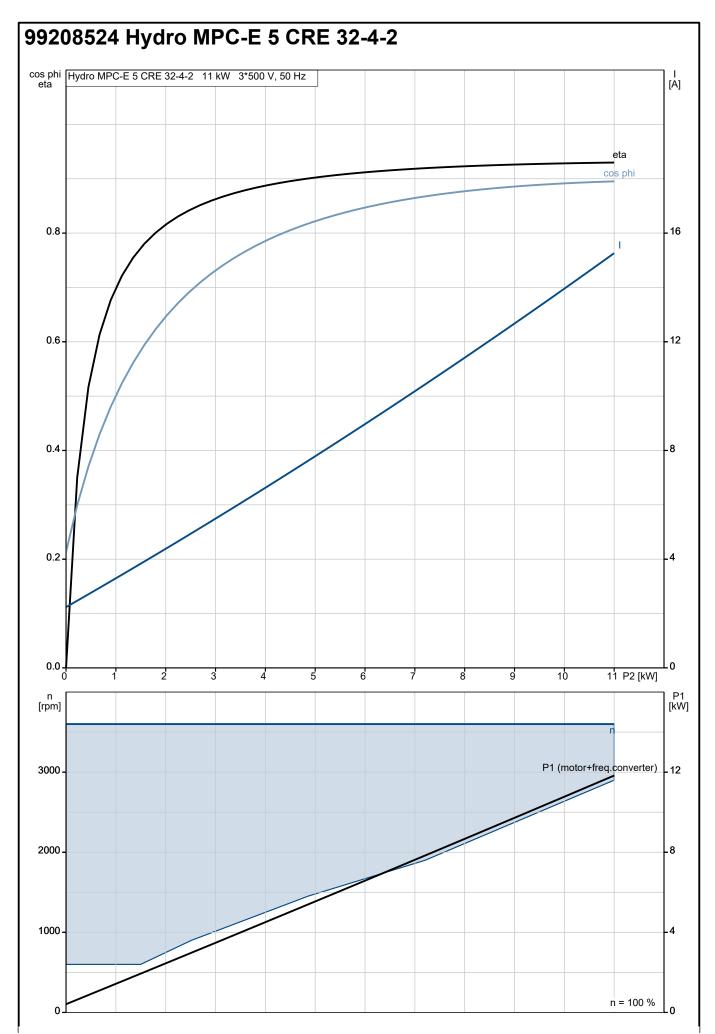
Description	Value		
General information:			
Product name:	Hydro MPC-E 5 CRE 32-4-2		
Product No:	99208524		
EAN number:	5712608723179		
Technical:			
Rated flow:	180 m³/h		
Max flow:	240 m³/h		
Max flow system:	192 m³/h		
Rated head:	78.2 m		
Head max:	101.9 m		
Main pump name:	CRE 32-4-2		
Main pump No:	99071955		
Number of pumps:	5		
Non-ret. valve:	at discharge side		
Materials:			
Manifolds:	EN/DIN 1.4571/ AISI 316 Ti		
Installation:			
Range of ambient temperature:	5 40 °C		
Maximum operating pressure:	16 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:	5 60 °C		
Selected liquid temperature:	20 °C		
Density:	998.2 kg/m³		
Electrical data:			
Power (P2) main pump:	11 kW		
Mains frequency:	50 / 60 Hz		
Rated voltage:	3 x 380-415 V		
Rated current of system:	106 A		
Start. method:	electronically		
Enclosure class (IEC 34-5):	IP54		
Radio interference supression:	EMC DIRECTIVE(2014/30/EU)		
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		

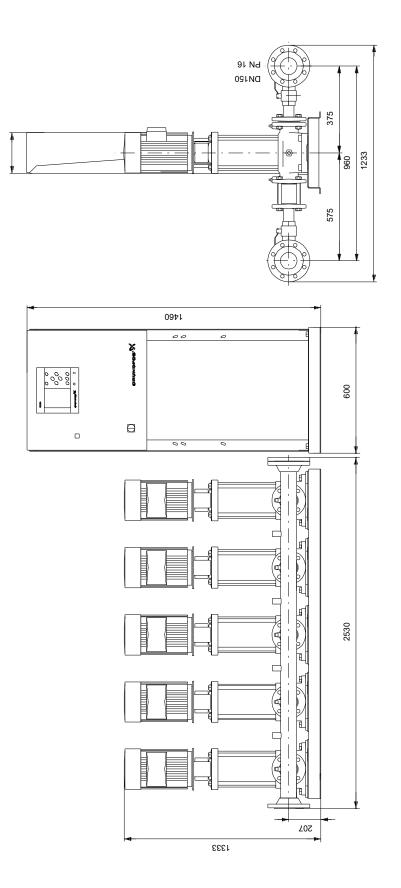




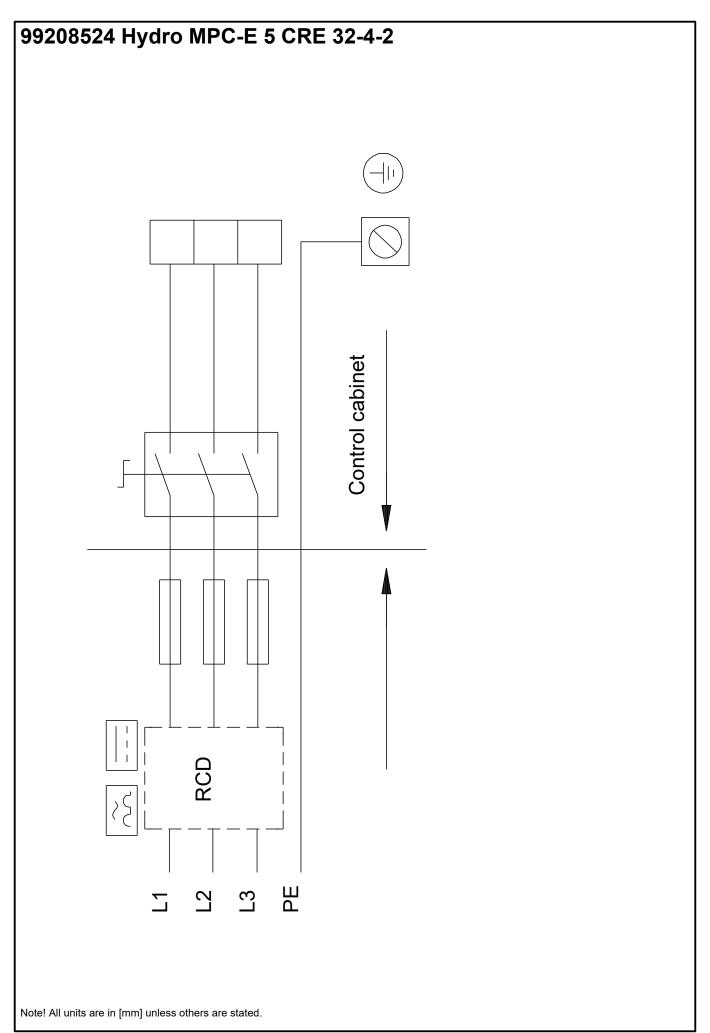








Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.



Order Data:							
Position	Your pos.	Product name	Amount	Product No	Total		
		Hydro MPC-E 5 CRE 32-4-2	1	99208524	Price or reques		
					Teques		