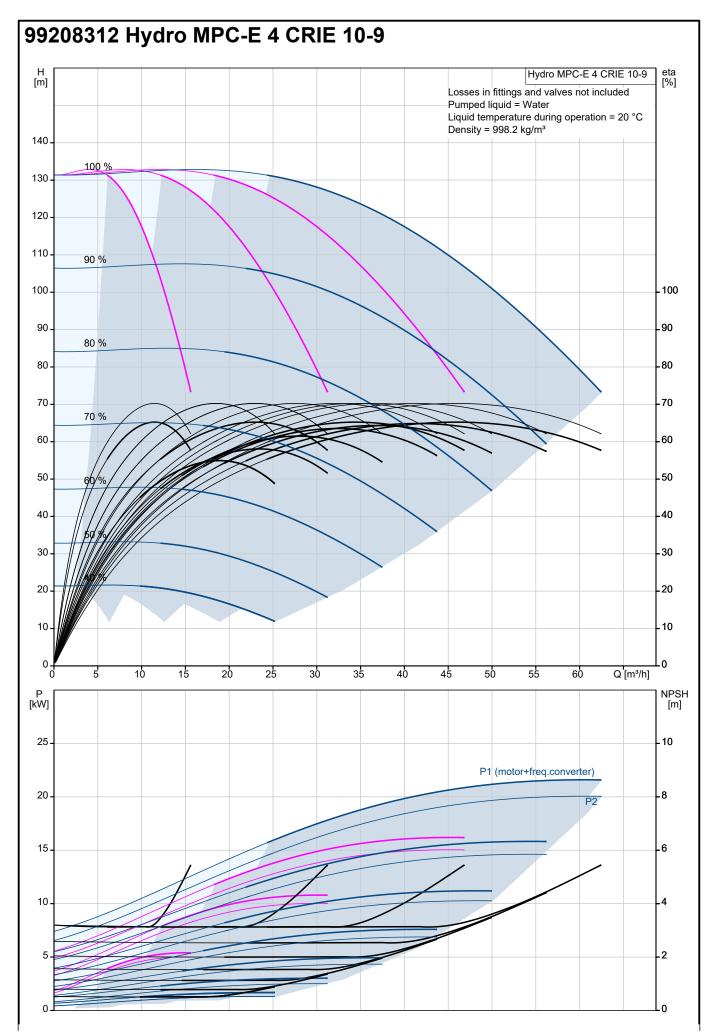
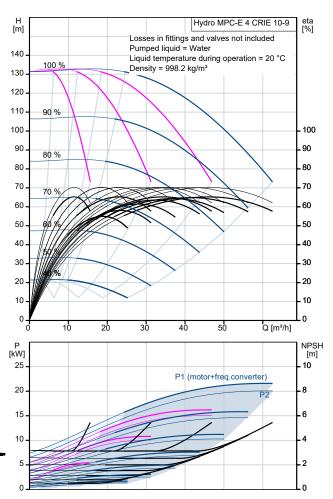
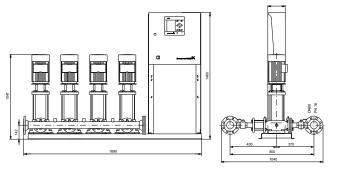


Qty.	Description				
1		Manual operation.			
		Possibility of external setpoint influence.			
		Log function.			
		Setpoint ramp.			
		Possibility of digital remote-control functions:			
		System on/off.			
		Max., min. or user-defined duty.			
		Up to 6 alternative setpoints.			
		Digital inputs and 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. The booster system has been preset and tested.				
	There are options to upgrade the boosting system.	pressure			
	Flow media:	Water			
	Allowed liquid temp.:	5 °C 60 °C			
	System pressure max.:	16 bar			
	Flow (Plant):	62.8 m³/h			
	low without one stand-by pump acc. DIN 1988/T5: 54 m³/h				
	Nom. current of plant:	44.8 A			
	Nominal power:	5.5 kW			
	Net weight:	428 kg			



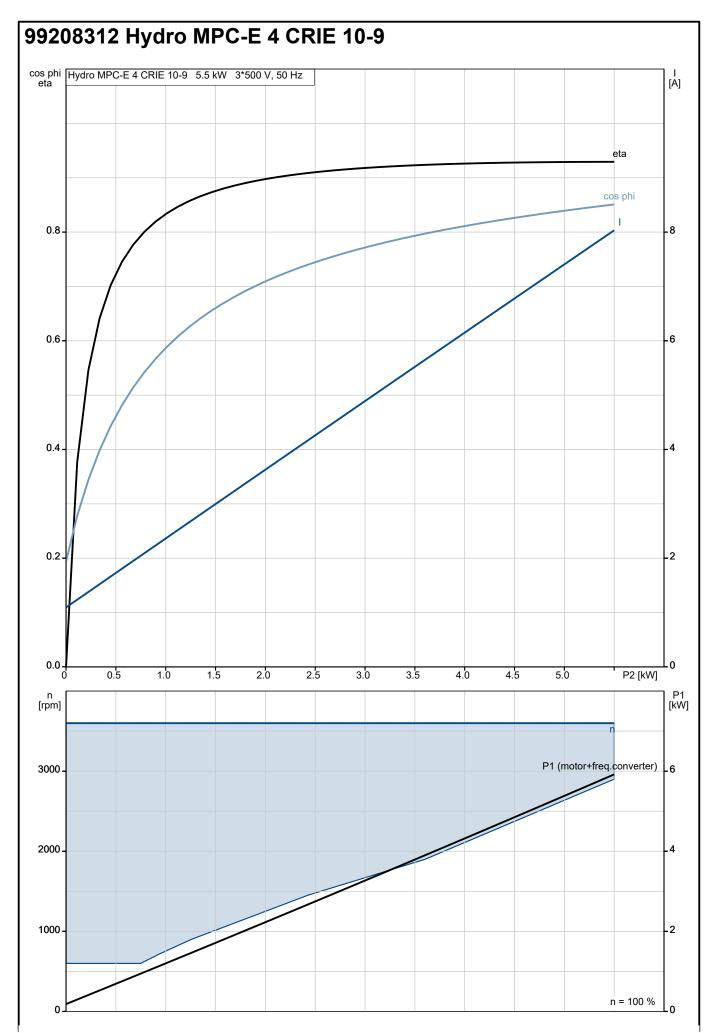
Description	Value	
General information:		
Product name:	Hydro MPC-E 4 CRIE 10-9	
Product No:	99208312	
EAN number:	5712608715693	
Technical:		
Rated flow:	48.4 m³/h	
Max flow:	62.8 m³/h	
Max flow system:	54 m³/h	
Rated head:	107.1 m	
Head max:	133 m	
Main pump name:	CRIE 10-9	
Main pump No:	99071792	
Number of pumps:	4	
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:	DN80	
Manifold outlet:	DN80	
Pressure rating:	PN 16	
Earth connection:	N, PE	
System design:	A	
Liquid:	10/	
Pumped liquid:	Water	
Liquid temperature range:	560 °C	
Selected liquid temperature:	20 °C	
Density:	998.2 kg/m³	
Electrical data:		
Power (P2) main pump:	5.5 kW	
Mains frequency:	50 / 60 Hz	
Rated voltage:	3 x 380-415 V	
Rated current of system:	44.8 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	
Diaphragm tank:	Yes	
Others:		
Basis plant:	Y	
Net weight:	428 kg	
Gross weight:	460 kg	



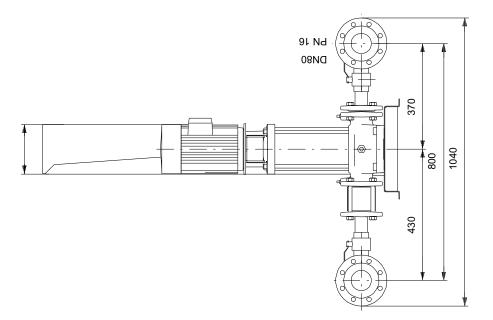


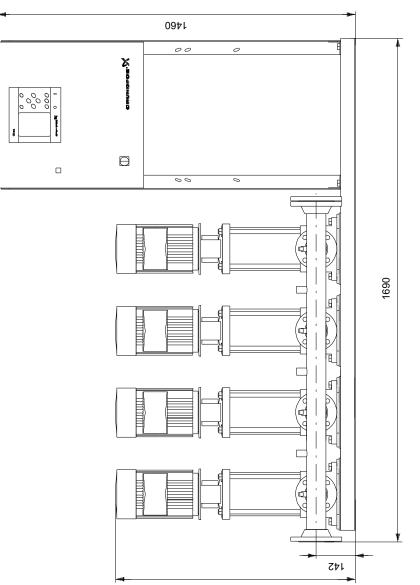
L1 RCD		
	Control cabinet	

Volume of pressure tank:	12
Diaphragm tank:	Yes
Others:	
Basis plant:	Y
Net weight:	428 kg
Gross weight:	460 kg
Sales region:	Great Britain
Config. file no:	98272395
Config.file Control MPC:	98271948
Config.file Hydro MPC:	98272020
Country of origin:	GB
Custom tariff no.:	84137075



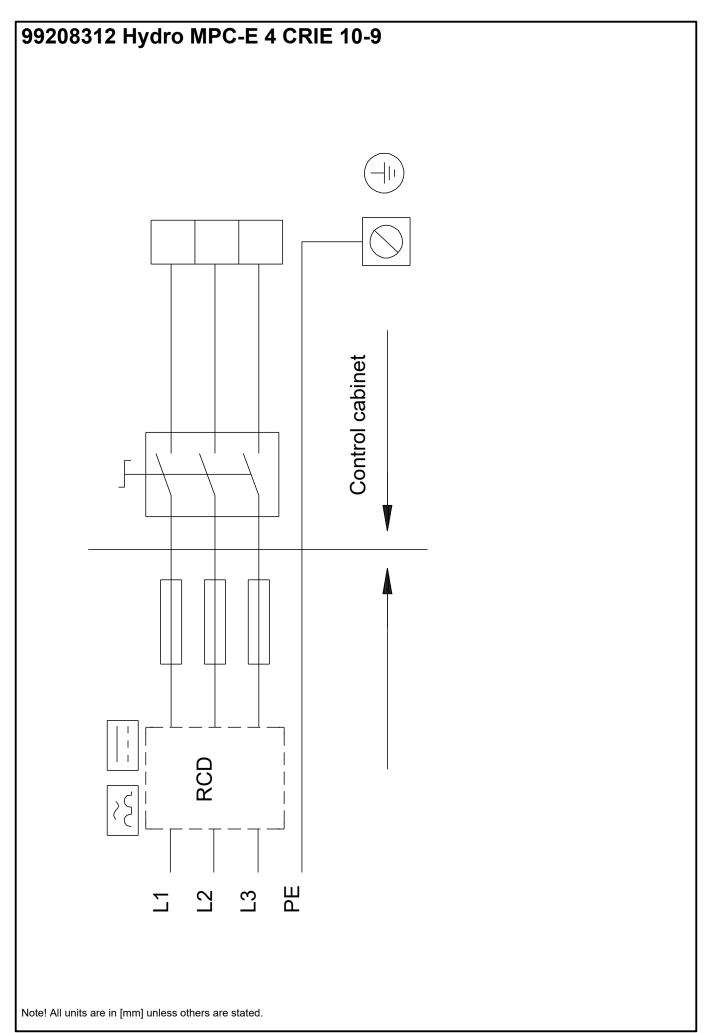
99208312 Hydro MPC-E 4 CRIE 10-9





740r

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 4 CRIE 10-9	1	99208312	Price or reques		
					Teques		