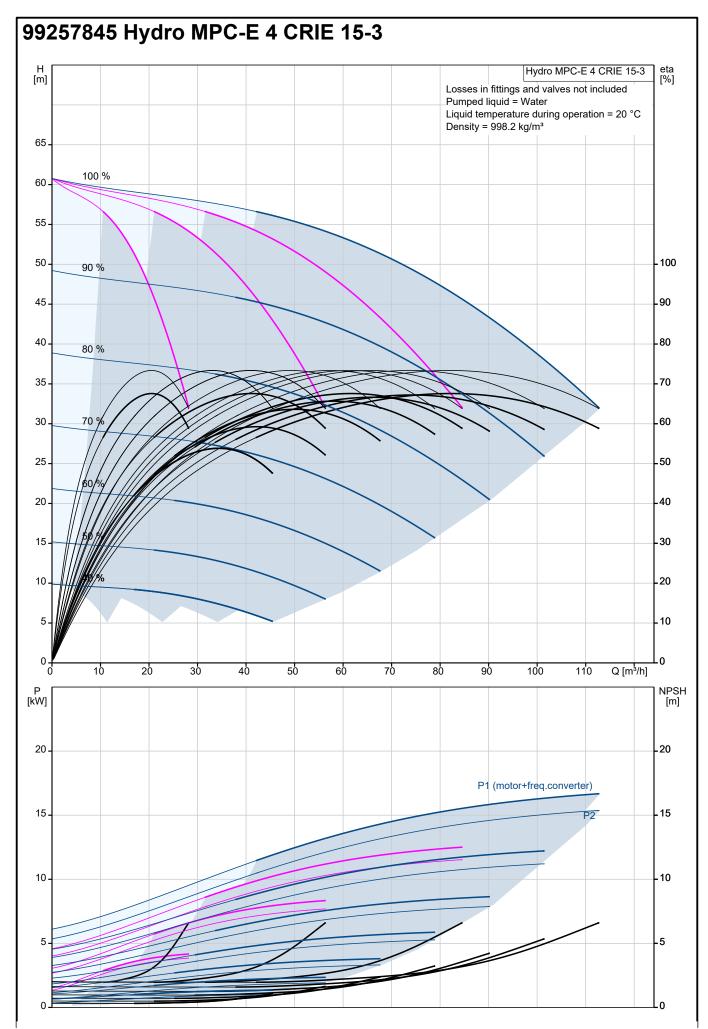
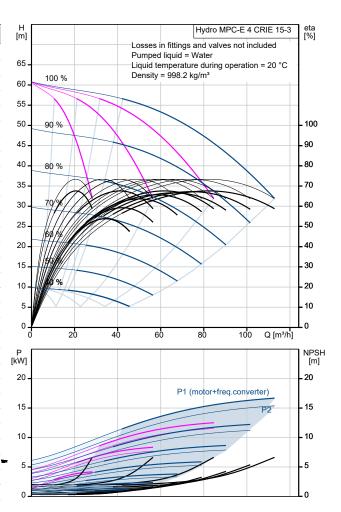
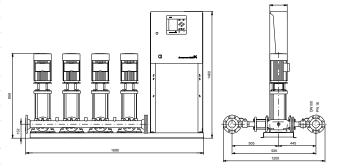


Qty.	Description					
1		Manual operation.				
		Possibility of external setpoint influence.				
		Log function.				
		Setpoint ramp.				
		Possibility of digital remote-control functions:				
		System on/off.				
		Max., min. or user-defined duty.				
		Up to 6 alternative setpoints.				
		Digital inputs 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.				
		Grundfos bus communication.				
	It is possible to add CIM commun	ication 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):	113.6 m³/h				
	Flow without one stand-by pump	acc. DIN 1988/T5: 91 m³/h				
	Nom. current of plant: 30.8 A					
	Nominal power:	4 kW				
	Net weight:	350 kg				



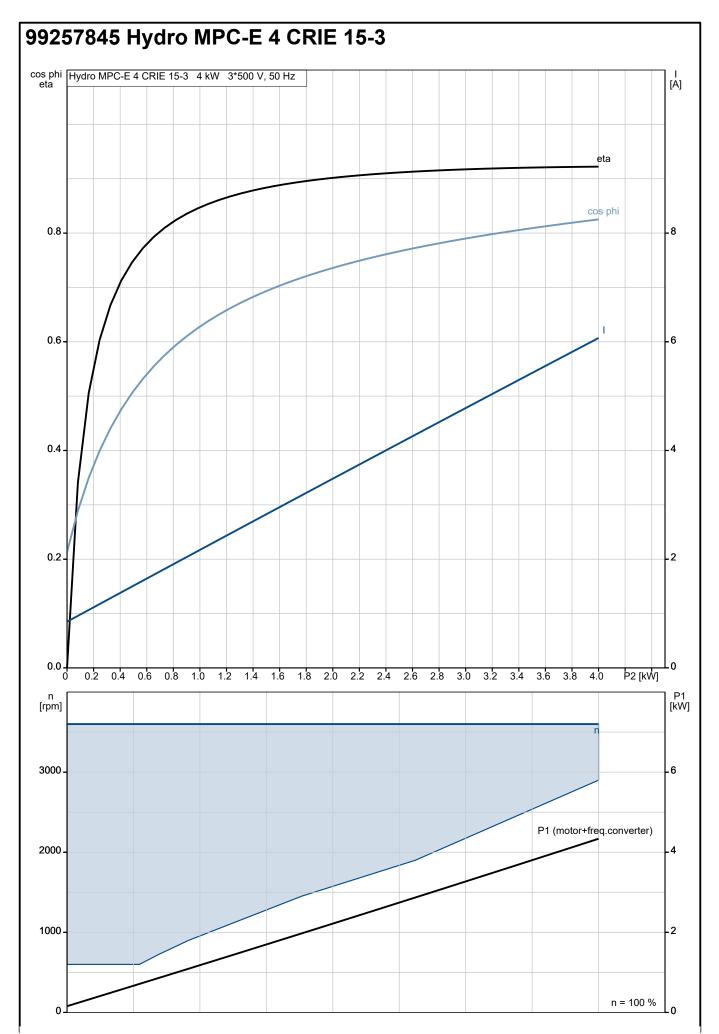
Description	Value
General information:	
Product name:	Hydro MPC-E 4 CRIE 15-3
Product No:	99257845
EAN number:	5713826114138
Technical:	
Rated flow:	82 m³/h
Max flow:	113.6 m³/h
Max flow system:	91 m³/h
Rated head:	47.9 m
Head max:	61.5 m
Main pump name:	CRIE 15-3
Main pump No:	99071547
Number of pumps:	4
Non-ret. valve:	at discharge side
Materials:	
Manifolds:	EN/DIN 1.4571/ AISI 316 Ti
Installation:	
Range of ambient temperature:	540 °C
Maximum operating pressure:	16 bar
Manifold inlet:	DN100
Manifold outlet:	DN100
Pressure rating:	PN 16
Earth connection:	N, PE
System design:	A
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	5 60 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m ³
Electrical data:	556.2 kg/m
Power (P2) main pump:	4 kW
Mains frequency:	50 / 60 Hz
Rated voltage:	3 x 380-415 V
Rated current of system:	30.8 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:	350 kg
Gross weight:	382 ka



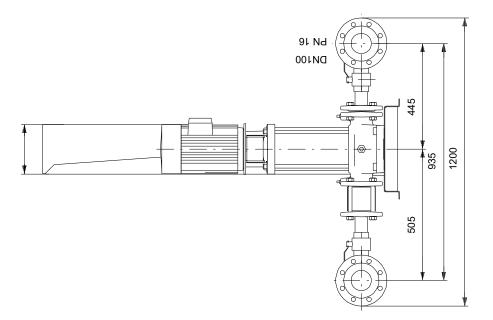


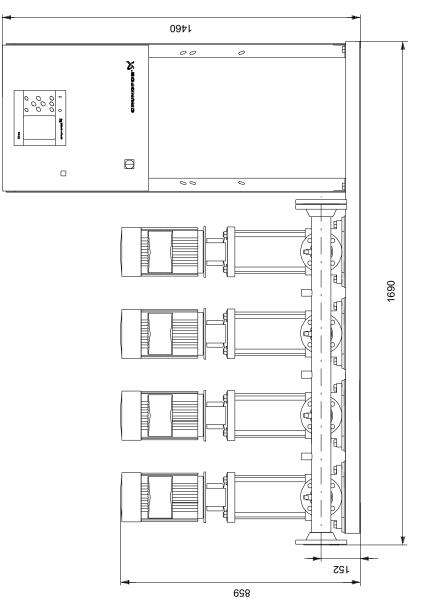
-	Control cabinet	

Tank:	
Volume of pressure tank:	12
Diaphragm tank:	Yes
Others:	
Basis plant:	Y
Net weight:	350 kg
Gross weight:	382 kg
Sales region:	Great Britain
Config. file no:	98272347
Config.file Control MPC:	98271948
Config.file Hydro MPC:	98272014
Country of origin:	GB
Custom tariff no.:	84137075

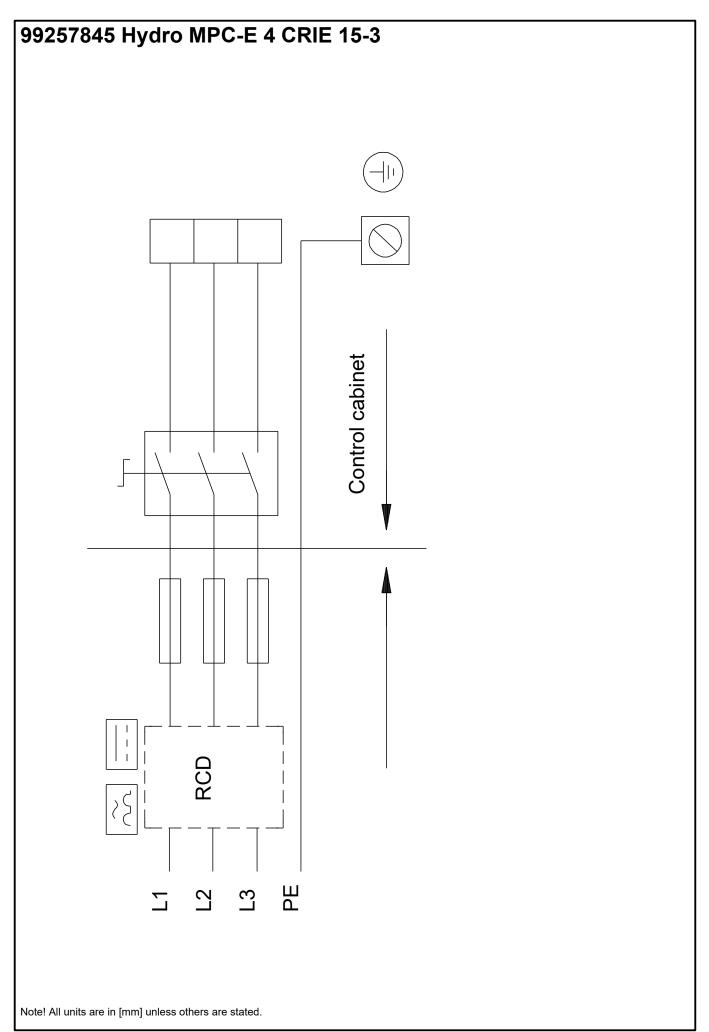


99257845 Hydro MPC-E 4 CRIE 15-3





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



		Order Dat	a		
Position	Your pos.	Product name	Amount	Product No	Total
		Hydro MPC-E 4 CRIE 15-3	1	99257845	Price or reques
					Teques