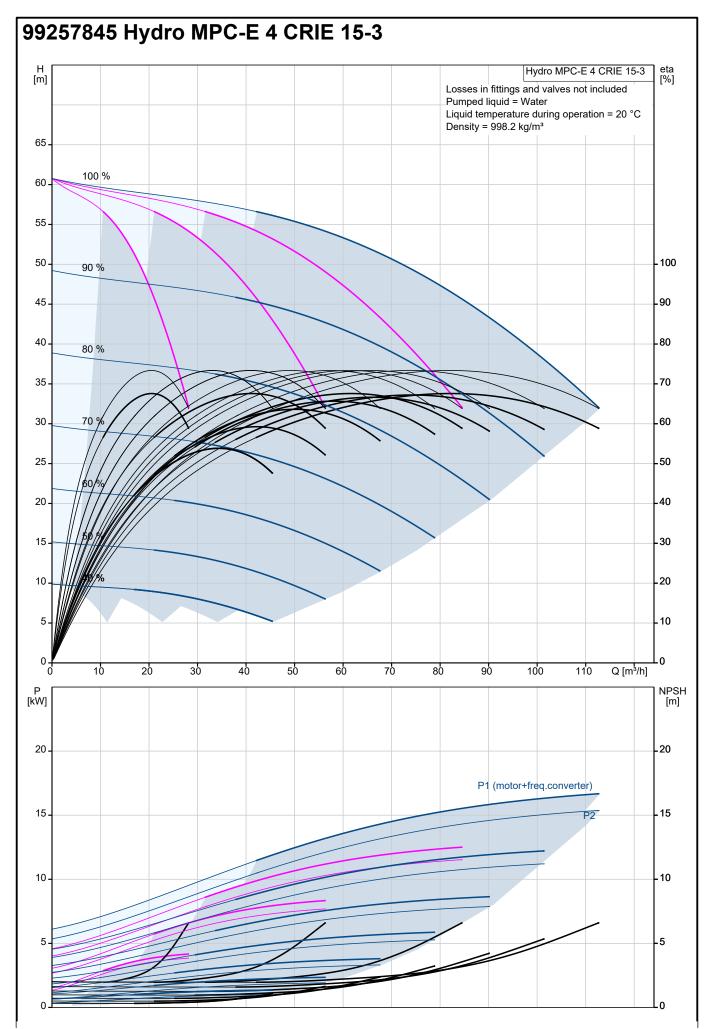
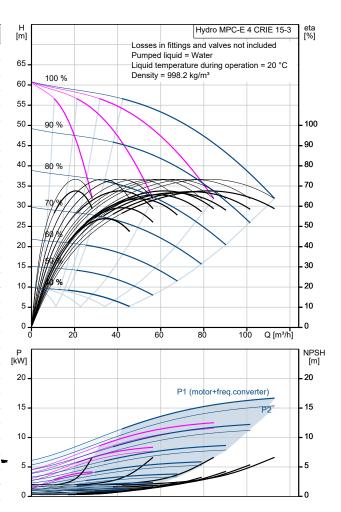
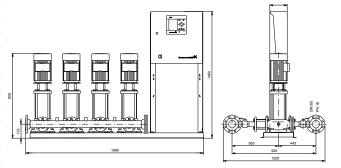


| Qty. | Description | | | | | |
|------|---|--|--|--|--|--|
| 1 | | Manual operation. | | | | |
| | | Possibility of external setpoint influence. | | | | |
| | | Log function. | | | | |
| | | Setpoint ramp. | | | | |
| | | Possibility of digital remote-control functions: | | | | |
| | | System on/off. | | | | |
| | | 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 | | | | |
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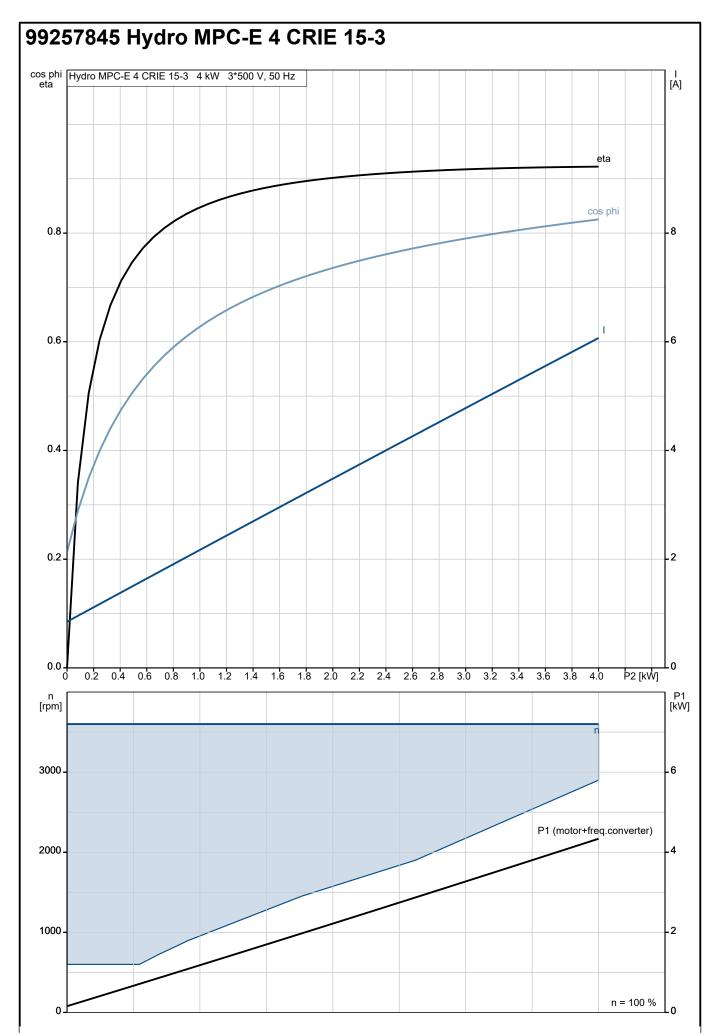
| Description | Value |
|-------------------------------------|----------------------------|
| General information: | |
| Product name: | Hydro MPC-E 4 CRIE 15-3 |
| Product No: | 99257845 |
| EAN number: | 5713826114138 |
| Technical: | |
| Rated flow: | 82 m³/h |
| Max flow: | 113.6 m³/h |
| Max flow 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 |



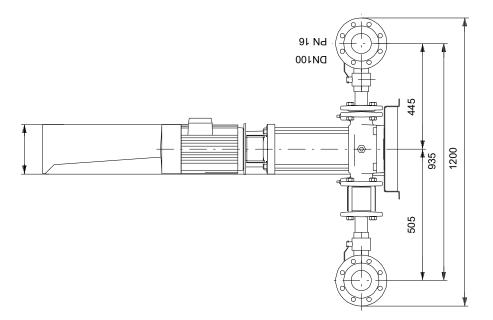


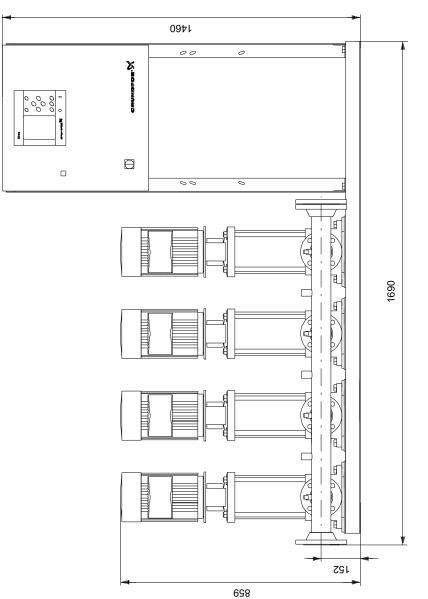
| - | Control cabinet | |
|----------|-----------------|--|

| 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 |

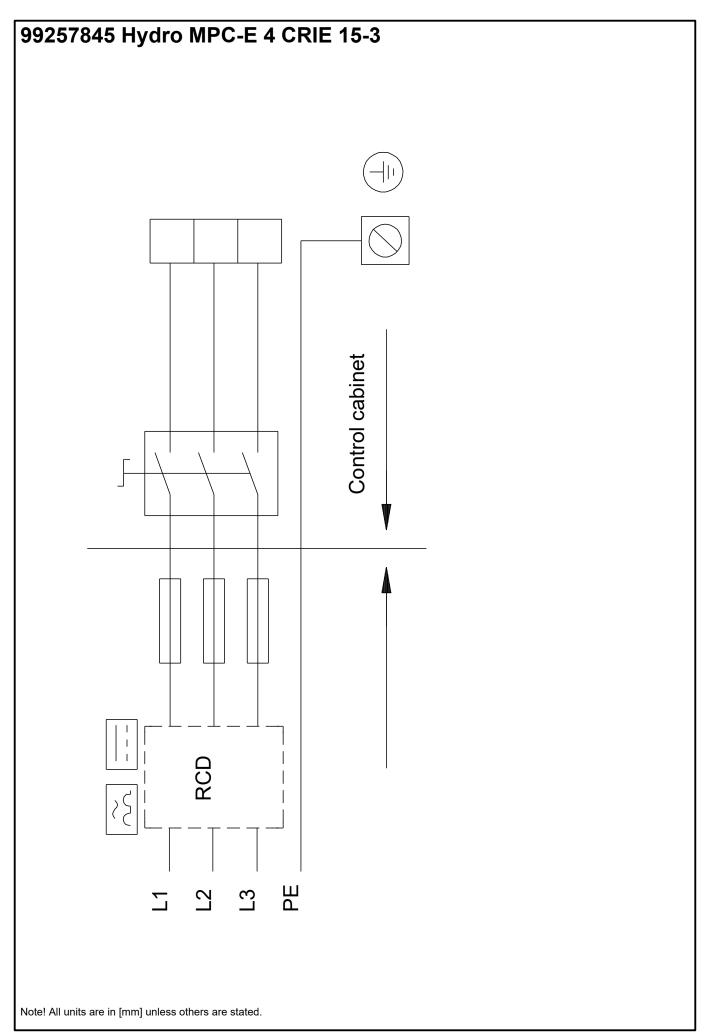


99257845 Hydro MPC-E 4 CRIE 15-3





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 |
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