

Selection of min. time between start/stop, automatic pump changeover and pump priority.

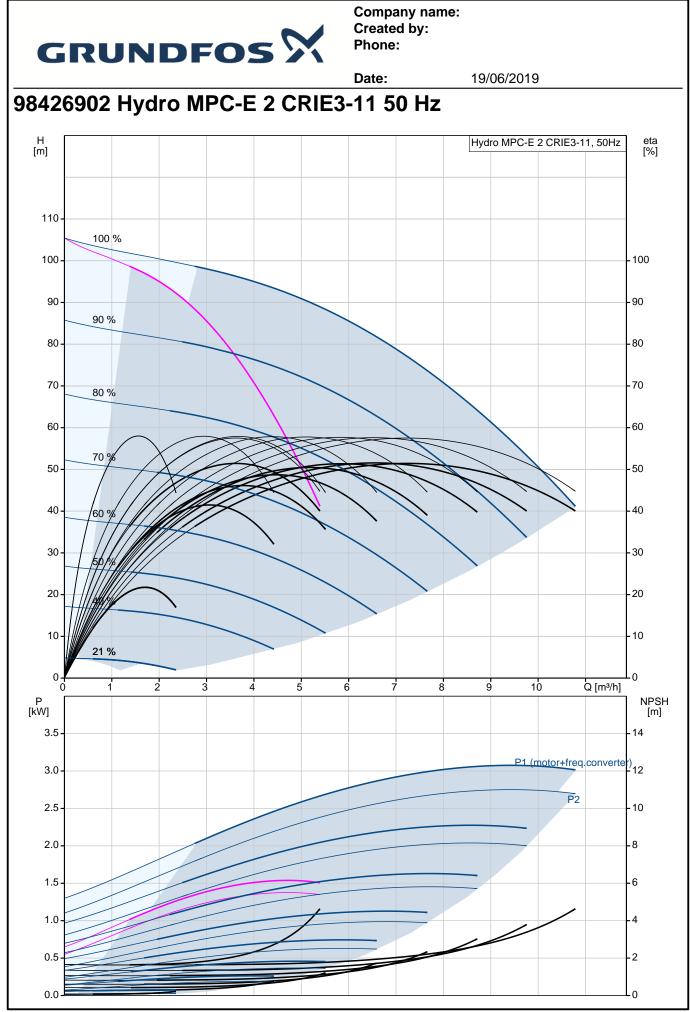
Automatic pump test function to prevent idle pumps from seizing up.

Possibility of standby pump allocation. Possibility of backup sensor (redundant primary sensor).



Company name: Created by: Phone:

| | Date | : 19/ | 06/2019 | |
|--|--|--|----------------------------------|--|
| Description | | | | |
| | Secondary sensor (Possibl | e to switch to anothe | er sensor/setpoint). | |
| | | Multi-sensor (up to 6 sensors to influence the setpoint). Manual operation. | | |
| | Manual operation. | | | |
| | Possibility of external setpo | int influence. | | |
| | Log function. | | | |
| | Setpoint ramp. | | | |
| | Possibility of digital remote | control functions: | | |
| | System on/off. | | | |
| | Max., min. or user-defined | | | |
| | Up to 6 alternative setpoint | | li si de ca lle c | |
| | Digital inputs and outputs of | | iividualiy. | |
| | Pump and system monitori Minimum and maximum lin | | | |
| | Inlet pressure. | into of current value. | | |
| | Non-return valve monitorin | a. | | |
| | Motor protection. | <i>j</i> . | | |
| | Sensors and cables monito | red for malfunction. | | |
| | Alarm log with the previous | 24 warnings/alarms | | |
| | Display and indication func | | | |
| | Colour screen display. | | | |
| | indications | - | nd red indicator light for fault | |
| | Potential-free changeover Grundfos bus communicati | | n and fault. | |
| Mains suply: Nom. current of plant: Nominal power: | Water 5 °C 60 °C 16 bar 11 m³/h ump acc. DIN 1988/T5: 5 m³/h 380-415 V 6,0A-415V 1.5 kW | | | |
| Net weight: | 108 kg | | | |
| Maximum head: 105 m Maximum flow: 11 m³/h | | | | |
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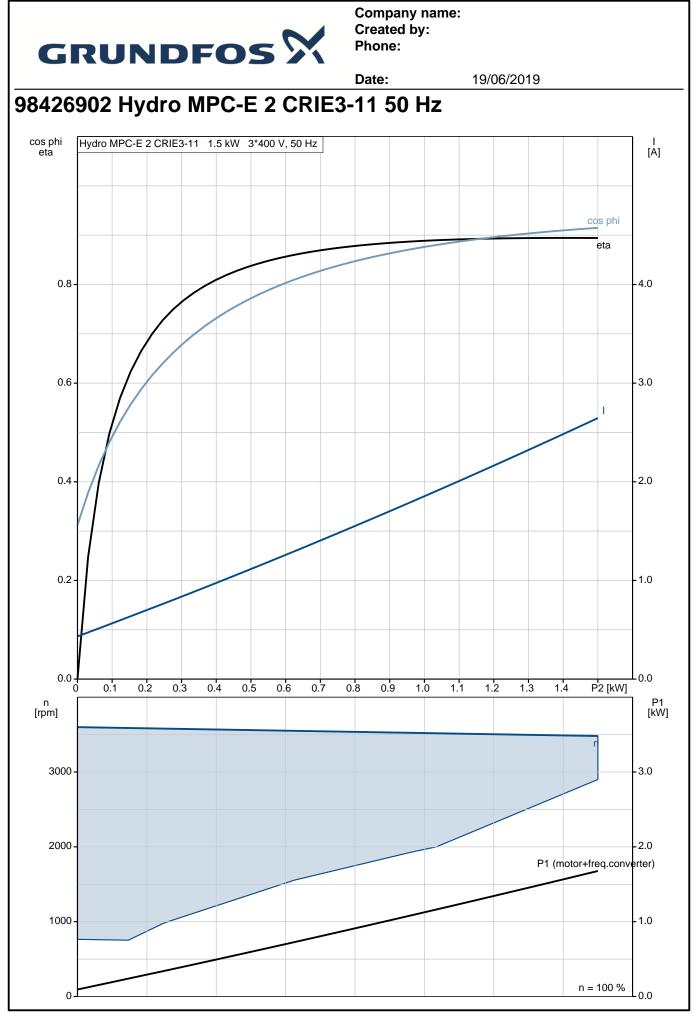
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Company name: Created by: Phone:

| | | 붠 | Hydro MPC-E 2 CRIE3-11, 50Hz |
|---|------------------------------|-------------|------------------------------|
| Description General information: | Value | [m] | |
| Product name: | Hydro MPC-E 2 CRIE3-11 | - | |
| Product No: | 98426902 | 110 - 100 % | |
| EAN number: | 5711494818068 | 100 - | |
| Technical: | 5711494616008 | - 1 | |
| Max flow: | 11 m³/h | 90 - 90 % | |
| | 5 m ³ /h | 80 - | |
| Max flow system: | | | |
| Head max: | 105 m | 70 - 80 % | |
| Main pump name: | CRIE3-11 | | |
| Main pump No: | 98389756 | 60 - | 1 drawn |
| Number of pumps: | 2 | 50 - 70% | |
| Non-ret. valve: | at discharge side | /// | |
| Materials: | | 40 - 60 % | |
| Manifolds: | EN/DIN 1.4571/ AISI 316 TI | 30 - 30 - | |
| Installation: | 401 | | |
| Maximum operating pressure: | 16 bar | 20 - 10 | |
| Maximum permissible inlet pressure: | 12 bar | 10 - 21 % | |
| Manifold inlet: | R 2" | 0 | |
| Manifold outlet: | R 2" | 0 2 | 2 4 6 8 Q [m³/h] |
| Pressure rating: | PN16 | P [kW] | |
| Earth connection: | PE | | |
| Liquid: | | 3.0 - | P1 (motor+freq.com |
| Pumped liquid: | Water | 2.5 - | P2 |
| Liquid temperature range: | 5 60 °C | | |
| Selected liquid temperature: | 20 °C | 2.0 - | |
| Density at selected liquid temperature: | 998.2 kg/m³ | 1.5- | |
| Electrical data: | | _ 1.0 - | |
| Power (P2) main pump: | 1.5 kW | 0.5 | |
| Mains frequency: | 50 Hz | 0.0 | |
| Rated voltage: | 3 x 380-415 V | | |
| Rated current of system: | 6,0A-415V | | |
| Start. method: | electronically | | |
| Enclosure class (IEC 34-5): | IP54 | | |
| Radio interference supression: | EMC DIRECTIVE(2014/30/EU) | | |
| Controls: | | | |
| Control type: | E | | |
| Tank: | | | |
| Diaphragm tank: | Yes | | |
| Others: | | | |
| Basis plant: | Y | | |
| Net weight: | 108 kg | | |
| Gross weight: | 129 kg | | |
| Product range: | GB | | |
| Config. file no: | 98272362 | | |
| Config.file Control MPC: | 98271946 | | |
| Config.file Hydro MPC: | 98272020 | | |
| Country of origin: | GB | | |
| Custom tariff no.: | 84137075 | | |

NPSH [m]



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