

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

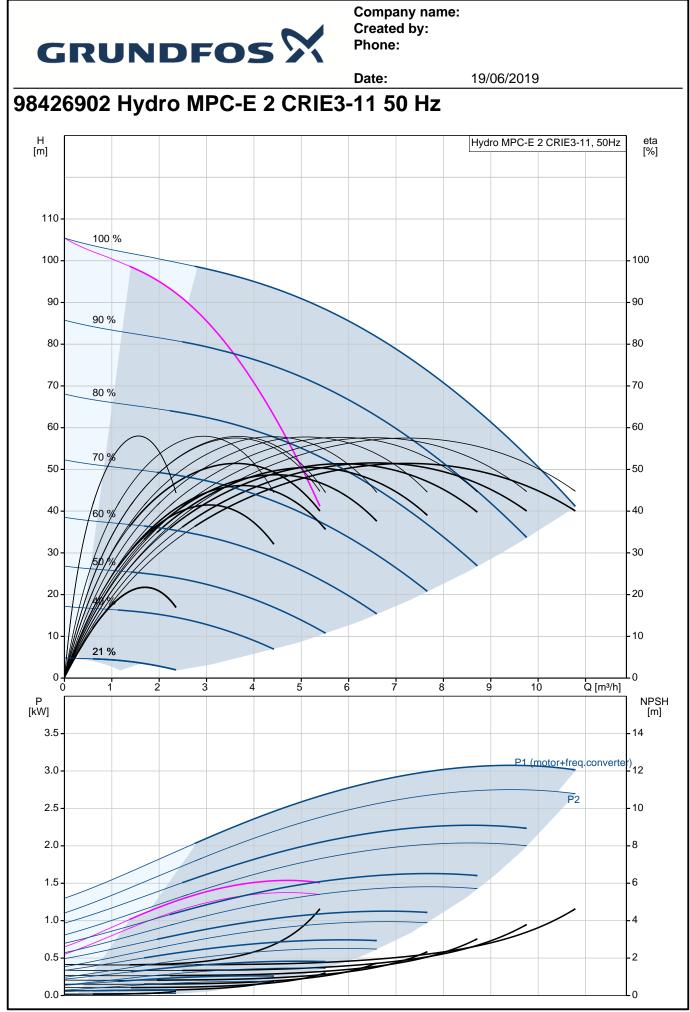
Automatic pump test function to prevent idle pumps from seizing up.

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



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	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				



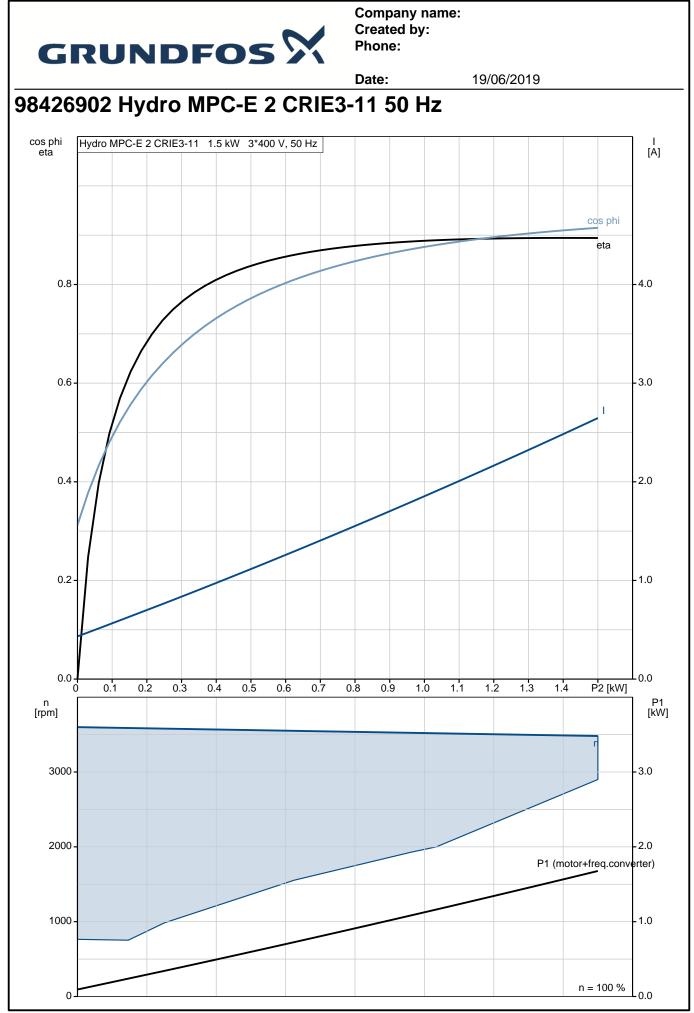
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Company name: Created by: Phone:

		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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