

Automatic cascade control of pumps for optimum efficiency.

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

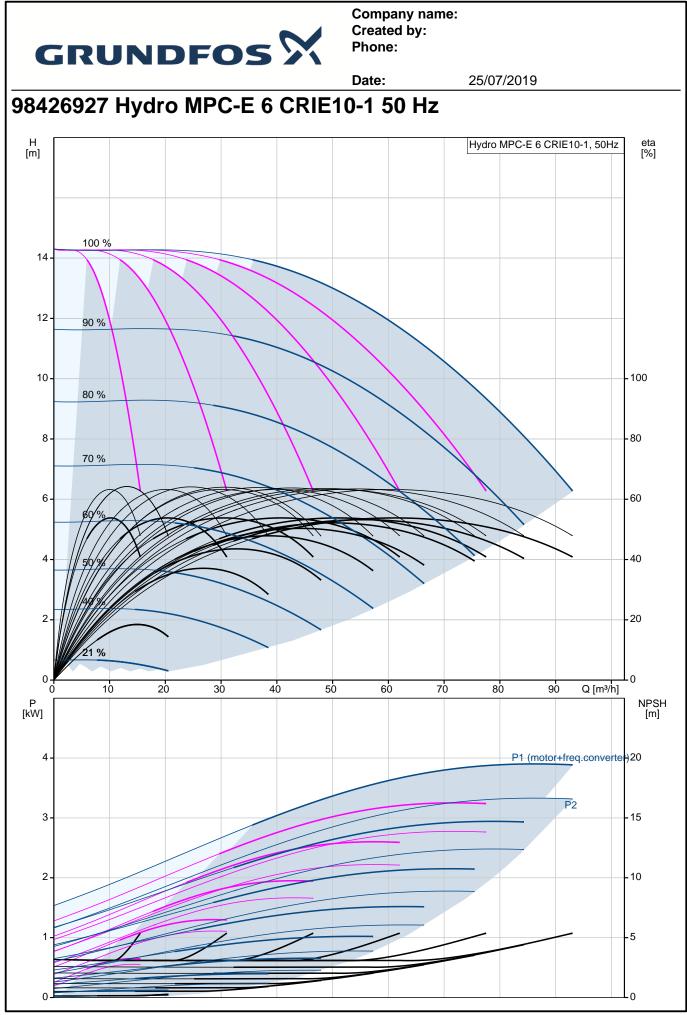
Automatic pump test function to prevent idle pumps from seizing up.

Possibility of standby pump allocation.



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			Date:	25/07/2019		
Qty.	Description					
-		Secondary sensor	(Possible to swi	tch to another sensor/setpoint).		
				fluence the setpoint).		
		Manual operation. Possibility of external setpoint influence.				
		Log function.				
		Setpoint ramp.				
		Possibility of digital System on/off.	remote-control	functions:		
		Max., min. or user-	defined duty			
		Up to 6 alternative				
				onfigured individually.		
		Pump and system				
		Minimum and maxi	mum limits of cu	urrent value.		
		Inlet pressure.				
		Non-return valve m	ionitoring.			
		Motor protection.				
		Sensors and cables				
		Alarm log with the p		nings/alarms.		
		Display and indicat				
		Colour screen disp		indications and red indicator light for fault		
		indications	it for operating i			
				s for operation and fault.		
		Grundfos bus comr	nunication.			
	It is possible to add CIM communication 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.					
	Flow media:	Water				
	Allowed liquid temp.:	5 °C 60 °C				
	System pressure max.:	16 bar				
	Flow (Plant):	94 m³/h				
	Flow without one stand-by pump		94 m³/h			
	Mains suply: Nom. current of plant:	220-240 V 28.2 A				
	Nominal power:	0.75 kW				
	Maximum head: 14 m					
	Maximum flow: 94 m³/h					



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Description	Value	- I
General information:		
Product name:	Hydro MPC-E 6 CRIE10-1	
Product No:	98426927	
EAN number:	5711494818310	
Technical:		
Max flow:	94 m³/h	
Max flow system:	94 m³/h	
Head max:	14 m	
Main pump name:	CRIE10-1	
Main pump No:	98390351	
Number of pumps:	6	
Non-ret. valve:	at discharge side	
Installation:	5	
Maximum operating pressure:	16 bar	
Maximum permissible inlet pressure:	15.4 bar	
Manifold inlet:	DN 100	
Manifold outlet:	DN 100	
Pressure rating:	PN 16	
Earth connection:	N, PE	
Liquid:		[}
Pumped liquid:	Water	
Liquid temperature range:	5 60 °C	-
Selected liquid temperature:	20 °C	
Density at selected liquid temperature:	998.2 kg/m ³	
Electrical data:	330.2 kg/m	
	0.75 kW	
Power (P2) main pump:	50 Hz	
Mains frequency:	1 x 220-240 V	
Rated voltage:		
Rated current of system:	28.2 A	
Enclosure class (IEC 34-5):	IP54	
Radio interference supression:	IEC/CISPR 11-1B	
Controls:	_	
Control type:	E	
Tank:		
Diaphragm tank:	Yes	
Others:		_
Basis plant:	Y	
Product range:	GB	
Config. file no:	98272479	
Config.file Control MPC:	98271950	
Config.file Hydro MPC:	98272014	
Country of origin:	GB	
Custom tariff no.:	84137080	

