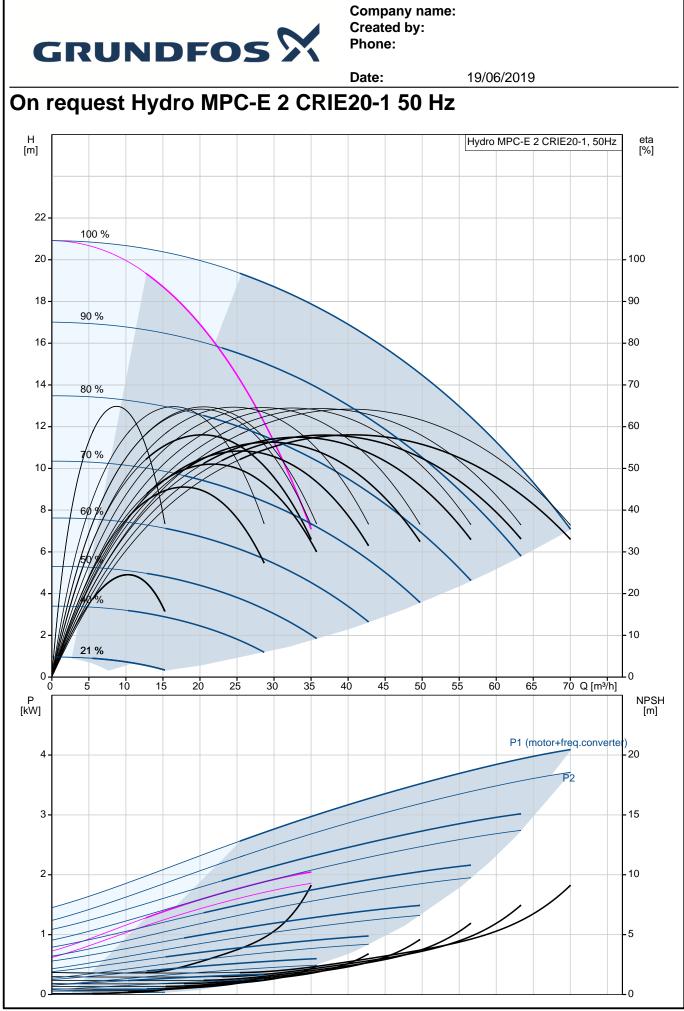




Company name: Created by: Phone:

	Date: 19/06/2019		
Description			
	Secondary sensor (Possible to switch to another sensor/setpoint).		
	Multi-sensor (up to 6 sensors to influence the setpoint).		
	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.		
	as been preset and tested.		
Flow media:	Water		
Allowed liquid temp.:	5 °C 60 °C .: 16 bar		
System pressure max. Flow (Plant):	$70 \text{ m}^3/\text{h}$		
	d-by pump acc. DIN 1988/T5: 31 m³/h		
Mains suply:	380-415 V		
Nom. current of plant:			
Nominal power:	2.2 kW		
Net weight:	168 kg		
Maximum head: 20 m Maximum flow: 70 m ³ /			



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Company name: Created by: Phone:

Description	Value	H [m]	Hydro MPC-E 2 CRIE20-1, 50H
General information:		-	
Product name:	Hydro MPC-E 2 CRIE20-1	22 -	
Product No:	On request	100 %	
EAN number:	On request	20-	
Technical:		18 -	
Max flow:	70 m³/h	90 %	
Max flow system:	31 m³/h	16 -	
Head max:	20 m	14 - 80 %	
Main pump name:	CRIE20-1	14 - 80 %	
Main pump No:	98390783	12-	
Number of pumps:	2	70 %	HANDER I
Non-ret. valve:	at discharge side	10-	
Materials:	0	8-69%	
Manifolds:	EN/DIN 1.4571/ AISI 316 TI		I = V = V = V = V = V
Installation:		6-	\mathcal{I} , \mathcal{I} , \mathcal{I} , \mathcal{I}
Maximum operating pressure:	16 bar	4-10%	
Maximum permissible inlet pressure:	15.2 bar	2-	
Manifold inlet:	DN80	0	
Manifold outlet:	DN80	0 10 20	30 40 50 60 Q [m³/
Pressure rating:	PN16	P [kW]	
Earth connection:	PE		P1 (motor+freq.o
Liquid:		4	
Pumped liquid:	Water	-	P2
Liquid temperature range:	5 60 °C	3-	
Selected liquid temperature:	20 °C	-	
Density at selected liquid temperature:	998.2 kg/m ³	2-	1 1
Electrical data:		1-	
Power (P2) main pump:	2.2 kW		
Mains frequency:	50 Hz	0	
Rated voltage:	3 x 380-415 V		
Rated current of system:	8,8A-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:	168 kg		
Gross weight:	189 kg		
Product range:	GB		
Config. file no:	98272411		
Config.file Control MPC:	98271946		
Config.file Hydro MPC:	98272014		
Country of origin:	GB		
Custom tariff no.:	84137075		

eta [%]

- 100 - 90 - 80 - 70 - 60 - 50 - 40 - 30 - 20 10 0

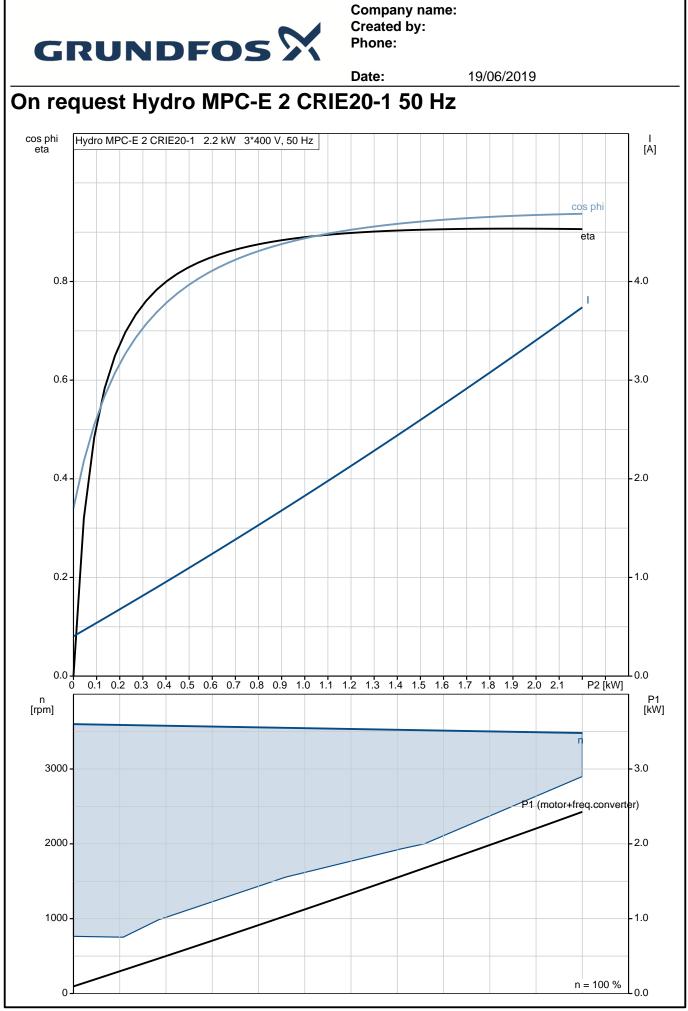
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