

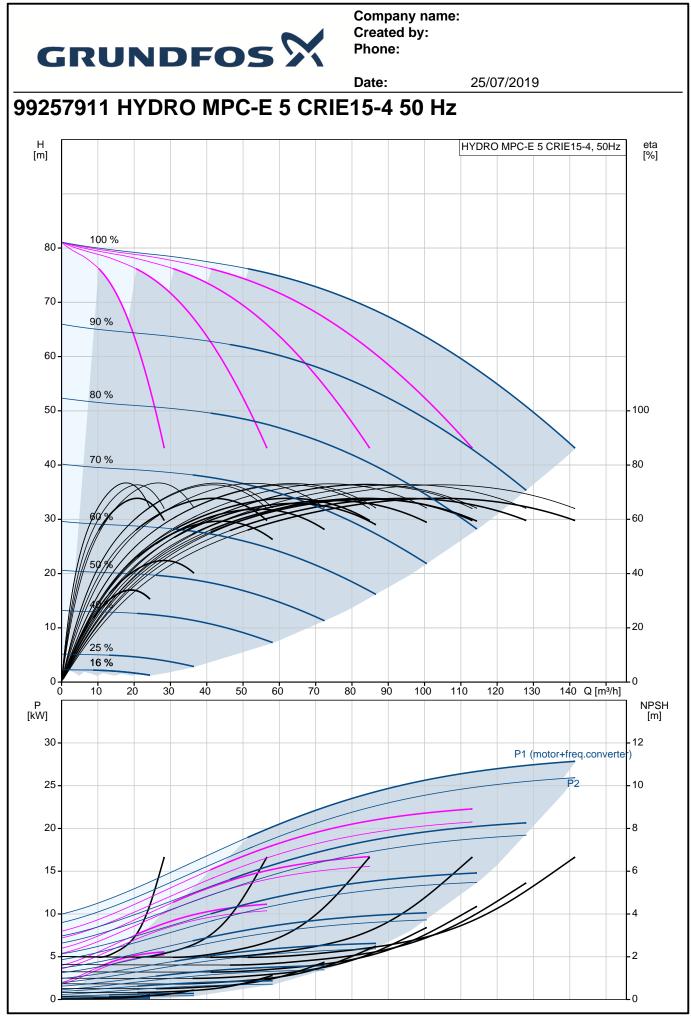
Possibility of standby pump allocation.

Possibility of backup sensor (redundant primary sensor).



Company name: Created by: Phone:

			Date:	25/07/2019
Qty.	Description			
Qty.	It is possible to add CIM commu Pumps, piping, cabling complete The booster system has been pu Flow media: Allowed liquid temp.: System pressure max.: Flow (Plant): Flow without one stand-by pump Mains suply: Nom. current of plant: Nominal power: Net weight:	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 fau indications Potential-free changeover contacts for operation and fault. Grundfos bus communication. iication modules for communicating with Scada/BMS. as well as Control MPC are mounted on the base frame. eset and tested. Water 5 °C 60 °C 16 bar 142 m³/h acc. DIN 1988/T5: 121 m³/h 380-415 V 5.5 kW		nother sensor/setpoint). the setpoint). ns: ed individually. alue. tion. arms. ons and red indicator light for fault eration and fault.
	Pumps, piping, cabling complete The booster system has been pu Flow media: Allowed liquid temp.: System pressure max.: Flow (Plant): Flow without one stand-by pump Mains suply: Nom. current of plant: Nominal power: Net weight: Maximum head: 82 m	nication modules for c as well as Control Mi reset and tested. Water 5 °C 60 °C 16 bar 142 m³/h	communicating with So	
	Maximum flow: 142 m³/h			



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Company name: Created by: Phone:

		Date:	25/07/2019	
Description	Value	H [m]	HYDRO MPC-E 5 CRIE15-4, 50Hz	eta [%]
General information:				
Product name:	HYDRO MPC-E 5 CRIE15-4	-		
Product No:	99257911	80 - 10	00 %	
EAN number:	5713826115531	-		
Technical:		70-	2%	
Max flow:	142 m³/h	90		
Max flow system:	121 m³/h	60 -		
Head max:	82 m		0%	
Main pump name:	CRIE15-4	50 -		- 100
Main pump No:	99071548	10 70		
Number of pumps:	5	40 - 70		- 80
Non-ret. valve:	at discharge side	30 - 89		- 60
Materials:	5	- 301		Γ
Manifolds:	EN/DIN 1.4571/ AISI 316 TI	20 - 5		- 40
Installation:		- 20		-10
Maximum operating pressure:	16 bar	10 -		- 20
Manifold inlet:	DN150	25	9 %	
Manifold outlet:	DN150	- o		Lo
Pressure rating:	PN16		20 40 60 80 100 120 Q [m³/h]	
Earth connection:	PE	P [kW]		NP [n
System design:	D	- 1	P1 (motor+freq.con	verter)
Liquid:		25 -	P2	- 10
Pumped liquid:	Water	20 -		-8
Liquid temperature range:	5 60 °C	20-		-0
Selected liquid temperature:	20 °C	15 -		-6
Density at selected liquid		10-	A F I	-4
temperature:	998.2 kg/m³	_		
Electrical data:		5-		-2
Power (P2) main pump:	5.5 kW	0		Lo
Mains frequency:	50 Hz			
Rated voltage:	3 x 380-415 V			
Rated current of system:	56,0A-415V			
Start. method:	electronically			
Enclosure class (IEC 34-5):	IP54			
Radio interference supression:	EMC DIRECTIVE(2014/30/EU)			
Controls:				DN 100
Control type:	E			t)
Tank:			160 600 900 900	-
Diaphragm tank:	Yes		1200	
Others:				
Basis plant:	Υ			
Net weight:	597 kg			
Gross weight:	652 kg			
Product range:	GB			
Config. file no:	98272403			
Config.file Control MPC:	98271949			
Config.file Hydro MPC:	98272014	L1		L
Country of origin:	GB			— L
Custom tariff no.:	84137075	L3		- L
		L		
		PE		-

NPSH [m]

