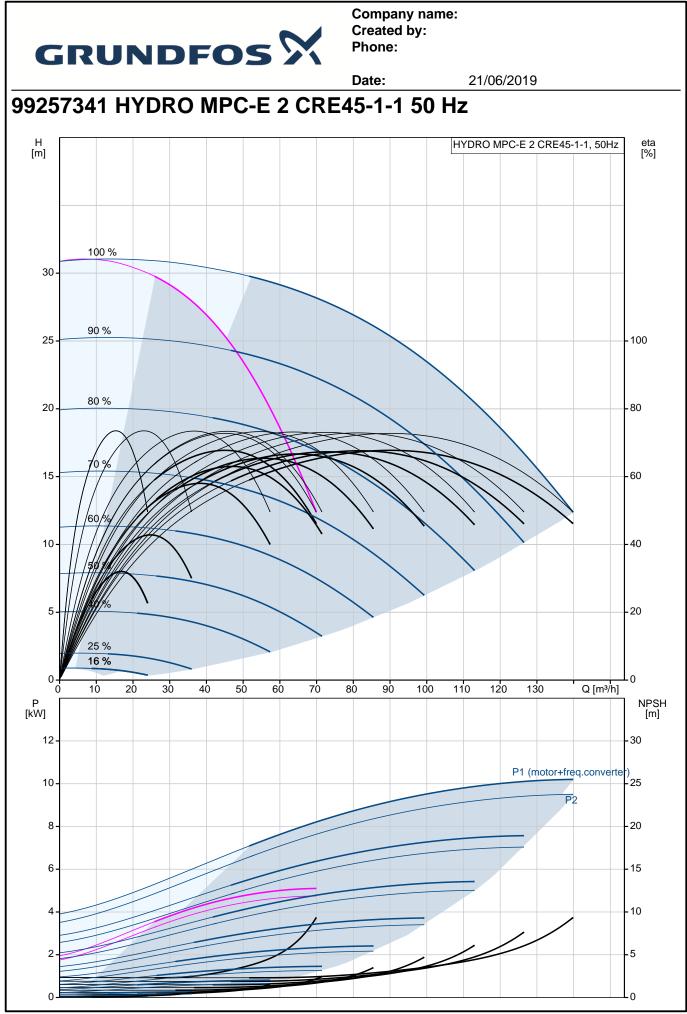




Company name: Created by: Phone:

		Date:	21/06/2019
Description			
	Secondary sensor	(Possible to sw	itch to another sensor/setpoint).
	Multi-sensor (up to 6 sensors to influence the setpoint). Manual operation.		
	Possibility of extern	nal setpoint influ	lence.
	Log function.		
	Setpoint ramp.	l romoto control	l functiona.
	Possibility of digita System on/off.	remote-control	i functions:
	Max., min. or user-	defined duty	
	Up to 6 alternative	•	
			configured individually.
	Pump and system		
	Minimum and max	imum limits of c	urrent value.
	Inlet pressure.		
	Non-return valve m	nonitoring.	
	Motor protection.		and the sector of
	Sensors and cable		
	Alarm log with the Display and indicat		nnings/alanns.
	Colour screen disp		
			indications and red indicator light for fault
	indications		
			s for operation and fault.
	Grundfos bus com	munication.	
Flow media: Allowed liquid temp.: System pressure max.: Flow (Plant): Flow without one stand-by pump Mains suply: Nom. current of plant:	380-415 V 22,4A-415V	70 m³/h	
Net weight:	337 Kg		
Maximum head: 31 m Maximum flow: 140 m³/h			
	5.5 kW 337 kg		



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Description

Value

Company name: Created by: Phone:

	Date:	21/06/2019	
	H [m]	HYDRO MPC-E 2 CRE45-1-1, 50Hz	eta [%]
IPC-E 2 1		100 %	
05938	30 -		
	25 -	90 %	- 100
1	20 -	80 %	- 80
ge side	15 -	60/60	- 60
4571/ AISI 316 TI	10 -		- 40
	5 -	25 % 16%	- 20
	0 - 0 [kW]	20 40 60 80 100 120 Q [m ³ /h]	L ₀ NPSH [m]
	- 10 -	P1 (motor+freq.com	
-3	8 - 6 -		- 20 - 15
n ³	4 - 2 -	F.J	- 10 - 5
5 V	0		Lo
V			

General information:					
Product name:	HYDRO MPC-E 2 CRE45-1-1				
Product No:	99257341				
EAN number:	5713826105938				
Technical:					
Max flow:	140 m³/h				
Max flow system:	70 m³/h				
Head max:	31 m				
Main pump name:	CRE45-1-1				
Main pump No:	99072009				
Number of pumps:	2				
Non-ret. valve:	at discharge side				
Materials:					
Manifolds:	EN/DIN 1.4571/ AISI 316 TI				
Installation:					
Maximum operating pressure:	16 bar				
Manifold inlet:	DN150				
Manifold outlet:	DN150				
Pressure rating:	PN16				
Earth connection:	PE				
System design:	D				
Liquid:					
Pumped liquid:	Water				
Liquid temperature range:	5 60 °C				
Selected liquid temperature:	20 °C				
Density at selected liquid temperature:	998.2 kg/m³				
Electrical data:					
Power (P2) main pump:	5.5 kW				
Mains frequency:	50 Hz				
Rated voltage:	3 x 380-415 V				
Rated current of system:	22,4A-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:	337 kg				
Gross weight:	356 kg				
Product range:	GB				
Config. file no:	98272440				
Config.file Control MPC:	98271946				
Config.file Hydro MPC:	98272014				
Country of origin:	GB				
Custom tariff no.:	84137075				

