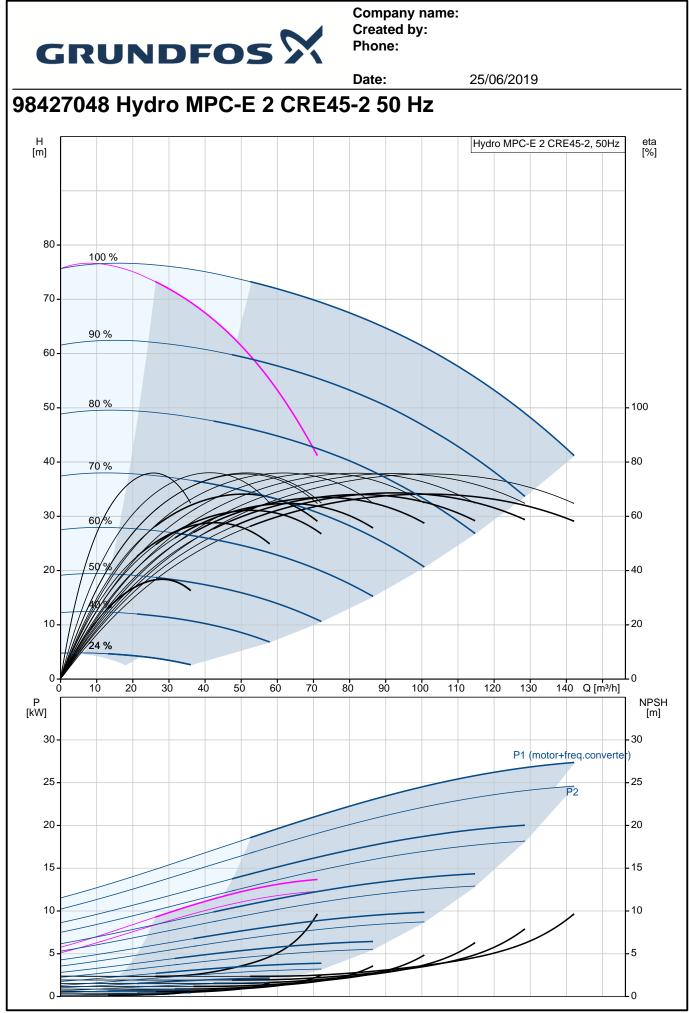




Company name: Created by: Phone:

		Date:	25/06/2019			
Description						
Secondary sensor (Possible to switch to another sensor/setpoint).						
	Multi-sensor (up to 6 sensors to influence the setpoint).					
	Manual operation.					
	Possibility of extern	al setpoint influence	ce.			
	Log function.					
	Setpoint ramp.					
	Possibility of digital	remote-control fur	ictions:			
	System on/off. Max., min. or user-o	defined duty				
	Up to 6 alternative					
	Digital inputs and o		igured individually.			
	Pump and system r					
	Minimum and maxi	mum limits of curre	ent value.			
	Inlet pressure.					
	Non-return valve m	onitoring.				
	Motor protection.					
	Sensors and cables					
	Alarm log with the p		gs/alarms.			
	Display and indication Colour screen display					
			cations and red indicator light for fault			
	indications					
	Potential-free chan	geover contacts fo	r operation and fault.			
	Grundfos bus comr					
 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:	Water 5 °C 60 °C 16 bar 140 m³/h acc. DIN 1988/T5: 380-415 V 58,6A-415V 15 kW 565 kg	70 m³/h				
Maximum head: 75 m Maximum flow: 140 m³/h						



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Company name: Created by: Phone:

		Date:	25/06/2019	
Description	Value	H [m]	Hydro MPC-E 2 CRE45-2, 50Hz	-
General information:		-		
Product name:	Hydro MPC-E 2 CRE45-2	_		
Product No:	98427048	80 -		
EAN number:	5711494819522	- 10	00 %	
	5711494819522	70 -		
Technical:		_		
Max flow:	140 m³/h	60 -	0%	
Max flow system:	70 m³/h			
Head max:	75 m	50 - 80	0%	Ļ
Main pump name:	CRE45-2			
Main pump No:	96123405	40 - 70		4
Number of pumps:	2	40-70		Ľ
Non-ret, valve:	at discharge side			
Materials:	at discharge side	30 - 6		-6
Marifolds:	EN/DIN 1.4571/ AISI 316 TI	- 5		
	EN/DIN 1.4571/ AISI 316 11	20/90		+4
Installation:	40 h - n	/ ////		
Maximum operating pressure:	16 bar	10-	4%	†2
Maximum permissible inlet pressure:	11.9 bar	7	4 %	
Manifold inlet:	DN150	0	20 40 60 80 100 120 Q [m³/h]	L
Manifold outlet:	DN150	– P [1
		[kW]		L
Pressure rating:	PN16	_	P1 (motor+freq.cor	ive
Earth connection:	PE	25 -	P2	-2
Liquid:			P2	
Pumped liquid:	Water	20 -		†2
Liquid temperature range:	5 60 °C	15 -		+1
Selected liquid temperature:	20 °C			
Density at selected liquid temperature:	998.2 kg/m³	10-	F ./	-1
Electrical data:		5-		-5
Power (P2) main pump:	15 kW	₀		L
Mains frequency:	50 Hz			
Rated voltage:	3 x 380-415 V			
Rated current of system:	58,6A-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:	100			
	V			
Basis plant:	Y			
Net weight:	565 kg			
Gross weight:	584 kg			
Product range:	GB			
Config. file no:	98272443			
Config.file Control MPC:	98271946			
Config.file Hydro MPC:	98272014			

NPSH [m]

