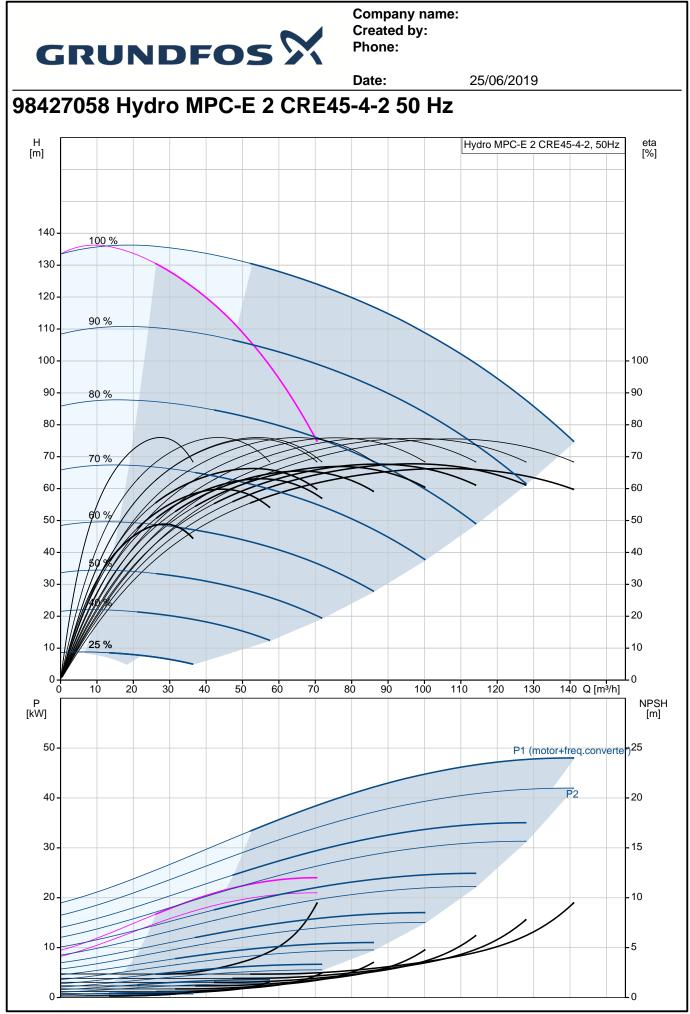




Company name: Created by: Phone:

			Date:	25/06/2019
	Description			
				another sensor/setpoint).
			6 sensors to influence	ce the setpoint).
		Manual operation.		
			al setpoint influence.	
		Log function.		
		Setpoint ramp.		· · · · ·
			remote-control funct	lions:
		System on/off.	defined duty	
		Max., min. or user- Up to 6 alternative		
			utputs can be config	ured individually
			monitoring functions:	
			mum limits of current	
		Inlet pressure.		
		Non-return valve m	onitoring.	
		Motor protection.	-	
		Sensors and cables	s monitored for malfu	inction.
			previous 24 warnings	s/alarms.
		Display and indicat		
		Colour screen displ	•	
		indications		ations and red indicator light for fault
		Potential-free chan Grundfos bus comr	geover contacts for c nunication.	operation and fault.
	System pressure max.: Flow (Plant): Flow without one stand-by pump Mains suply: Nom. current of plant: Nominal power:	380-415 V 81,6A-415V 22 kW	70 m³/h	
I	Net weight:	657 kg		
	Maximum head: 133 m Maximum flow: 140 m³/h			



Printed from Grundfos Product Centre [2019.04.000]



Company name: Created by: Phone:

		Date:
Description	Value	H [m]
General information:		_
Product name:	Hydro MPC-E 2 CRE45-4-2	
Product No:	98427058	140 - 100 %
EAN number:	5711494819621	130 -
	5711494819621	120 -
Technical:		110 - 90 %
Max flow:	140 m³/h	100 -
Max flow system:	70 m³/h	
Head max:	133 m	90 - 80 %
Main pump name:	CRE45-4-2	80-
Main pump No:	96123407	70 - 70%
Number of pumps:	2	60-
Non-ret. valve:	at discharge side	50 - 60%
Materials:		
Manifolds:	EN/DIN 1.4571/ AISI 316 TI	40 - 50 - 50
Installation:		30 -
Maximum operating pressure:	16 bar	20 -
Maximum permissible inlet pressure:	8.5 bar	10 - 25 %
Manifold inlet:	DN150	0 20
Manifold outlet:	DN150	P [kW]
Pressure rating:	PN16	50 -
Earth connection:	PE	_
Liquid:		40 -
Pumped liquid:	Water	-
Liquid temperature range:	5 60 °C	30 -
Selected liquid temperature:	20 °C	20 -
Density at selected liquid temperature:	998.2 kg/m³	10-
Electrical data:		
Power (P2) main pump:	22 kW	0
Mains frequency:	50 Hz	
Rated voltage:	3 x 380-415 V	
Rated current of system:	81,6A-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:		
Basis plant:	Y	
Net weight:	657 kg	
Gross weight:	676 kg	
Product range:	GB	
Config. file no:	98272447	
Config.file Control MPC:	98271946	
Config.file Hydro MPC:	98272020	

