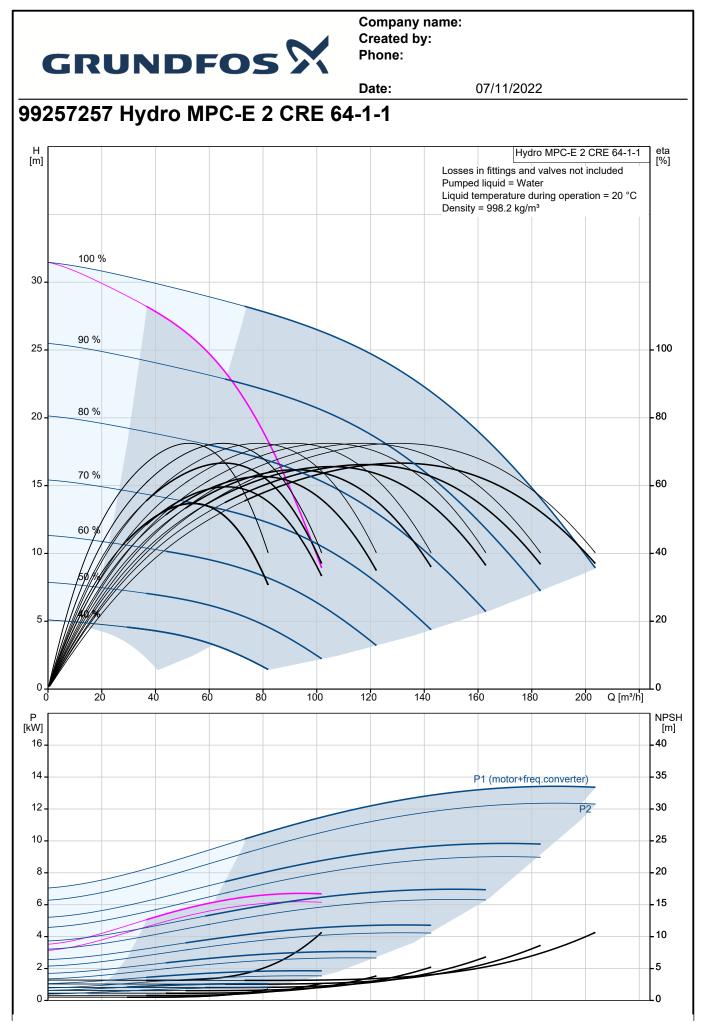




Company name: Created by: Phone:

Description					
			vent idle pumps from seizing up.		
	Possibility of stand	• • •			
	Possibility of backu	p sensor (redund	lant primary sensor).		
	Secondary sensor	(Possible to swite	ch to another sensor/setpoint).		
	Multi-sensor (up to	6 sensors to influ	lence the setpoint).		
	Manual operation.				
	Possibility of exterr	al setpoint influe	nce.		
	Log function.				
	Setpoint ramp.				
	Possibility of digital	remote-control f	unctions:		
	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 function	ons:		
	Minimum and maxi	mum limits of cur	rent value.		
	Inlet pressure.				
	Non-return valve m	onitoring.			
	Motor protection.	C C			
	Sensors and cable	s monitored for m	alfunction.		
	Alarm log with the	previous 24 warn	ings/alarms.		
	Display and indicat		5		
	Colour screen disp				
			dications and red indicator light for fault		
	indications		5		
	Potential-free chan	geover contacts	for operation and fault.		
	Grundfos bus com				
It is possible to add CIM comr	nunication modules for	communicating v	vith Scada/BMS.		
Pumps, piping, cabling comple	ete as well as Control M	-			
Pumps, piping, cabling comple The booster system has been	ete as well as Control M preset and tested.	-			
Pumps, piping, cabling comple The booster system has been There are options to upgrade	ete as well as Control M preset and tested.	-			
Pumps, piping, cabling comple The booster system has been There are options to upgrade boosting system.	ete as well as Control M preset and tested. the pressure	-			
Pumps, piping, cabling comple The booster system has been There are options to upgrade boosting system. Flow media:	ete as well as Control M preset and tested. the pressure Water	-			
Pumps, piping, cabling comple The booster system has been There are options to upgrade boosting system. Flow media: Allowed liquid temp.:	ete as well as Control M preset and tested. the pressure Water 5 °C 60 °C	-			
Pumps, piping, cabling comple The booster system has been There are options to upgrade boosting system. Flow media: Allowed liquid temp.: System pressure max.:	ete as well as Control M preset and tested. the pressure Water 5 °C 60 °C 16 bar	-			
Pumps, piping, cabling comple The booster system has been There are options to upgrade boosting system. Flow media: Allowed liquid temp.: System pressure max.: Flow (Plant):	ete as well as Control M preset and tested. the pressure Water 5 °C 60 °C 16 bar 204 m³/h	IPC are mounted			
Pumps, piping, cabling comple The booster system has been There are options to upgrade boosting system. Flow media: Allowed liquid temp.: System pressure max.: Flow (Plant): Flow without one stand-by pur	ete as well as Control M preset and tested. the pressure Water 5 °C 60 °C 16 bar 204 m³/h mp acc. DIN 1988/T5:	-			
Pumps, piping, cabling comple The booster system has been There are options to upgrade boosting system. Flow media: Allowed liquid temp.: System pressure max.: Flow (Plant): Flow without one stand-by pur Nom. current of plant:	ete as well as Control M preset and tested. the pressure Water 5 °C 60 °C 16 bar 204 m³/h mp acc. DIN 1988/T5: 28.2 A	IPC are mounted			
Pumps, piping, cabling comple The booster system has been There are options to upgrade boosting system. Flow media: Allowed liquid temp.: System pressure max.: Flow (Plant): Flow without one stand-by pur Nom. current of plant: Nominal power:	ete as well as Control M preset and tested. the pressure Water 5 °C 60 °C 16 bar 204 m³/h mp acc. DIN 1988/T5: 28.2 A 7.5 kW	IPC are mounted			
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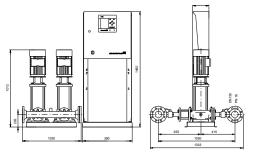


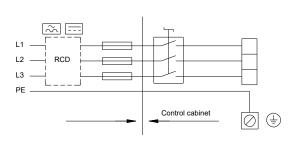
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Date:

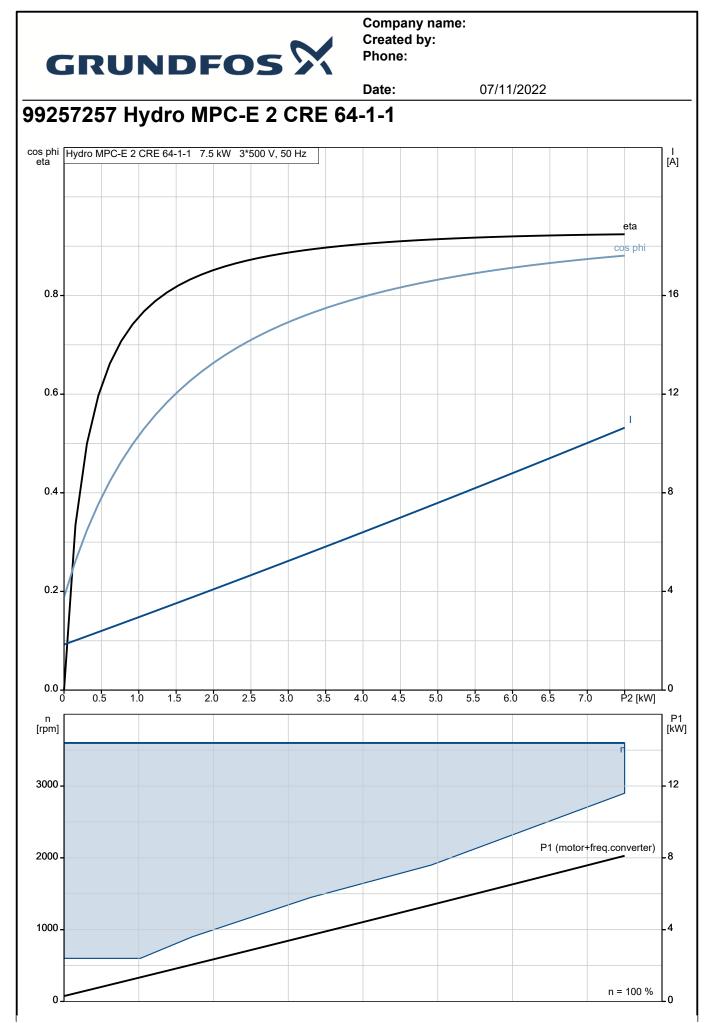
Description	Value
General information:	
Product name:	Hydro MPC-E 2 CRE 64-1-1
Product No:	99257257
EAN number:	5713826104535
Technical:	
Rated flow:	154 m³/h
Max flow:	204 m³/h
Max flow system:	92 m³/h
Rated head:	20.8 m
Head max:	32 m
Main pump name:	CRE 64-1-1
Main pump No:	99072057
Number of pumps:	2
Non-ret. valve:	at discharge side
Materials:	
Manifolds:	EN/DIN 1.4571/ AISI 316 Ti
Installation:	
Range of ambient temperature:	540 °C
Maximum operating pressure:	16 bar
Manifold inlet:	DN150
Manifold outlet:	DN150
Pressure rating:	PN 16
Earth connection:	N, PE
System design:	D
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	5 60 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Power (P2) main pump:	7.5 kW
Mains frequency:	50 / 60 Hz
Rated voltage:	3 x 380-415 V
Rated current of system:	28.2 A
Start. method:	electronically
Enclosure class (IEC 34-5):	IP54
Radio interference supression:	EMC DIRECTIVE(2014/30/EU)
Number of phases of main pump:	3
Controls:	
Control type:	E
Dry running protection, mechanical:	PRESSURE SENSOR 0-4 BAR
Tank:	
Volume of proceure tank:	101

Date	):	07/11/2022		
H [m]	100 %	Losses in fittings a Pumped liquid = W	e during operation = 20 °C	eta [%]
30 -				_
25 -	90 %			- 100
20 -	80 %			- 80
15 -	70 %			- 60
10 -		T.M. I.		- 40
5-	<b>**</b>	$\langle \rangle \rangle$		- 20
0 <mark>-</mark> 0	50	100	150 Q [m³/h	<b></b> 0 ]
P [kW]				NPSH [m]
15 <b>-</b>		P1 (m	notor+freq.converter)	<b>- 30</b> - 25
10 -				<b>20</b>
5-		1		- 10 - 5
0				





Volume of pressure tank:	12
Diaphragm tank:	Yes
Others:	
Basis plant:	Y
Net weight:	381 kg
Gross weight:	400 kg
Sales region:	Great Britain
Config. file no:	98272460
Config.file Control MPC:	98271946
Config.file Hydro MPC:	98272014

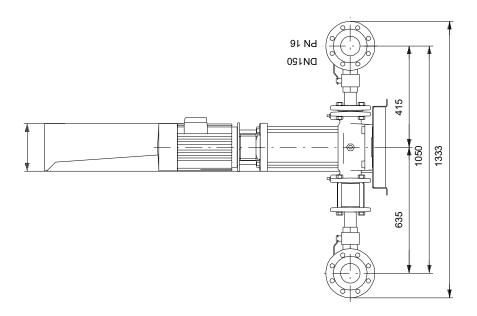


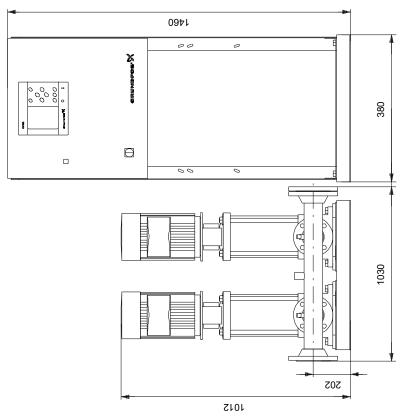


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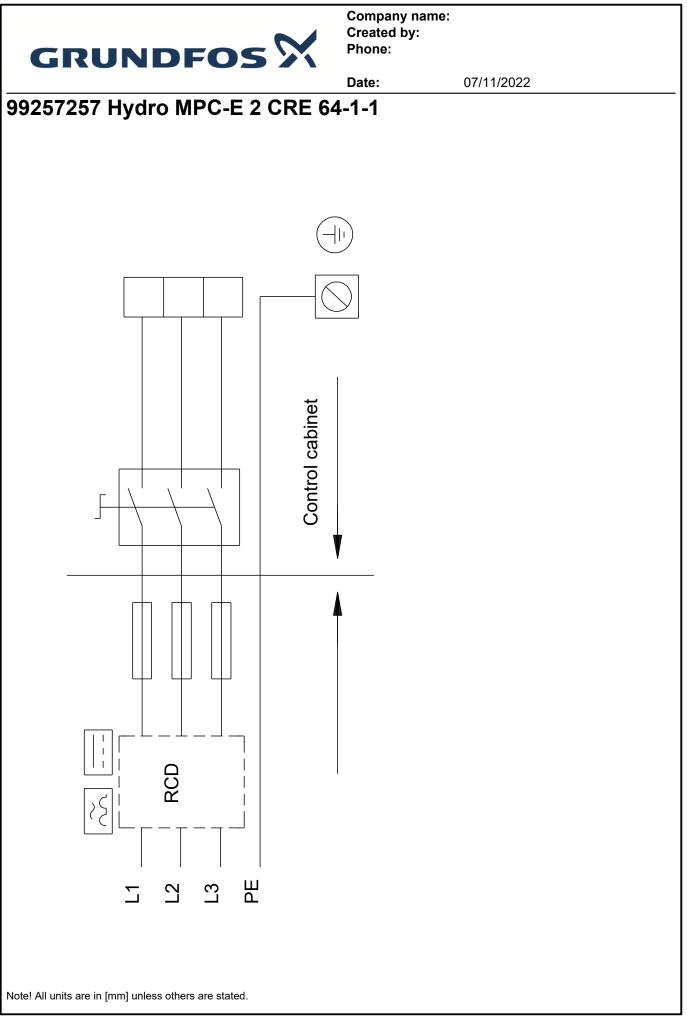
07/11/2022

## 99257257 Hydro MPC-E 2 CRE 64-1-1





Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.





Your pos.

Position

Company name: Created by: Phone:

07/11/2022 Date: **Order Data: Product name Product No** Total Amount Hydro MPC-E 2 CRE 64-1-1 1 99257257 Price on request

				request
 ndfos Product Centr				8/8