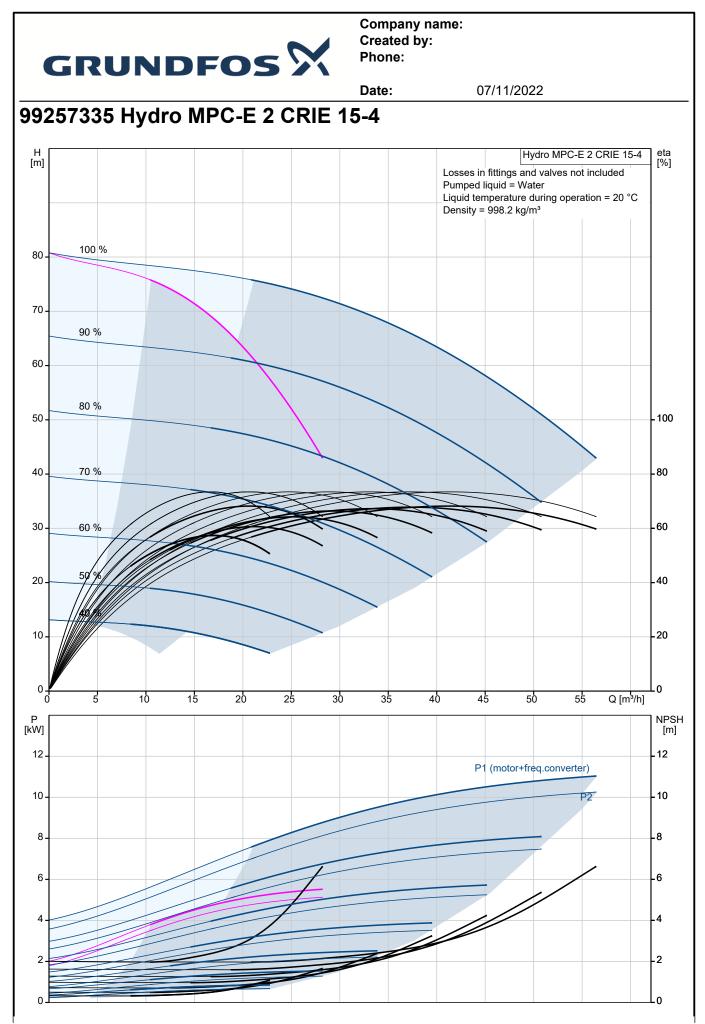




Company name: Created by: Phone:

Description			
			vent idle pumps from seizing up.
	Possibility of stand		
			lant primary sensor).
			h to another sensor/setpoint).
		6 sensors to influ	ence the setpoint).
	Manual operation.		
	Possibility of exterr	nal setpoint influe	nce.
	Log function.		
	Setpoint ramp.		
	Possibility of digital	remote-control fu	unctions:
	System on/off.		
	Max., min. or user-	defined duty.	
	Up to 6 alternative	setpoints.	
	Digital inputs and c	outputs can be co	nfigured individually.
	Pump and system	monitoring function	ons:
	Minimum and maxi	mum limits of cur	rent value.
	Inlet pressure.		
	Non-return valve m	ionitoring.	
	Motor protection.		
	Sensors and cable	s monitored for m	alfunction.
	Alarm log with the	previous 24 warn	ings/alarms.
	Display and indicat	ion functions:	
	Colour screen disp	lay.	
		nt for operating in	dications and red indicator light for fault
	indications		
	Potential-free chan	geover contacts f	or operation and fault.
	Grundfos bus com		
It is possible to add CIM com	-		/ith Scada/BMS.
Pumps, piping, cabling compl	munication modules for ete as well as Control M	communicating w	
Pumps, piping, cabling compl The booster system has been	munication modules for ete as well as Control M preset and tested.	communicating w	
Pumps, piping, cabling compl The booster system has been There are options to upgrade	munication modules for ete as well as Control M preset and tested.	communicating w	
Pumps, piping, cabling compl The booster system has been There are options to upgrade boosting system.	munication modules for ete as well as Control M preset and tested.	communicating w	
Pumps, piping, cabling compl The booster system has been There are options to upgrade boosting system. Flow media:	munication modules for ete as well as Control M preset and tested. the pressure	communicating w	
Pumps, piping, cabling compl The booster system has been There are options to upgrade boosting system. Flow media: Allowed liquid temp.:	munication modules for ete as well as Control M preset and tested. the pressure Water	communicating w	
Pumps, piping, cabling compl The booster system has been There are options to upgrade boosting system. Flow media: Allowed liquid temp.: System pressure max.: Flow (Plant):	munication modules for ete as well as Control M preset and tested. the pressure Water 5 °C 60 °C 16 bar 56.8 m³/h	communicating w	
Pumps, piping, cabling compl 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 pu	munication modules for ete as well as Control M preset and tested. the pressure Water 5 °C 60 °C 16 bar 56.8 m³/h	communicating w	
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Pumps, piping, cabling compl 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 pu Nom. current of plant:	munication modules for ete as well as Control M preset and tested. the pressure Water 5 °C 60 °C 16 bar 56.8 m³/h mp acc. DIN 1988/T5:	communicating w	
Pumps, piping, cabling compl 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 pu Nom. current of plant: Nominal power:	munication modules for ete as well as Control M preset and tested. the pressure Water 5 °C 60 °C 16 bar 56.8 m³/h mp acc. DIN 1988/T5: 22.4 A	communicating w	
Pumps, piping, cabling compl 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 pu Nom. current of plant: Nominal power:	munication modules for ete as well as Control M preset and tested. the pressure Water 5 °C 60 °C 16 bar 56.8 m³/h mp acc. DIN 1988/T5: 22.4 A 5.5 kW	communicating w	
Pumps, piping, cabling compl 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 pu Nom. current of plant: Nominal power:	munication modules for ete as well as Control M preset and tested. the pressure Water 5 °C 60 °C 16 bar 56.8 m³/h mp acc. DIN 1988/T5: 22.4 A 5.5 kW	communicating w	
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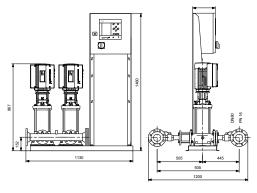
Date:

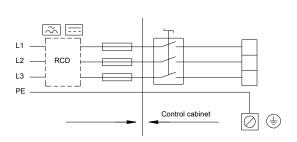
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Description	Value
General information:	
Product name:	Hydro MPC-E 2 CRIE 15-4
Product No:	99257335
EAN number:	5713826105679
Technical:	
Rated flow:	41 m³/h
Max flow:	56.8 m³/h
Max flow system:	30 m³/h
Rated head:	64.5 m
Head max:	81.8 m
Main pump name:	CRIE 15-4
Main pump No:	99071548
Number of pumps:	2
Non-ret. valve:	at discharge side
Materials:	
Manifolds:	EN/DIN 1.4571/ AISI 316 Ti
Installation:	
Range of ambient temperature:	5 40 °C
Maximum operating pressure:	16 bar
Manifold inlet:	DN80
Manifold outlet:	DN80
Pressure rating:	PN 16
Earth connection:	N, PE
System design:	A
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:	5.5 kW
Mains frequency:	50 / 60 Hz
Rated voltage:	3 x 380-415 V
Rated current of system:	22.4 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 pressure tank:	12
Diaphragm tank:	Yes

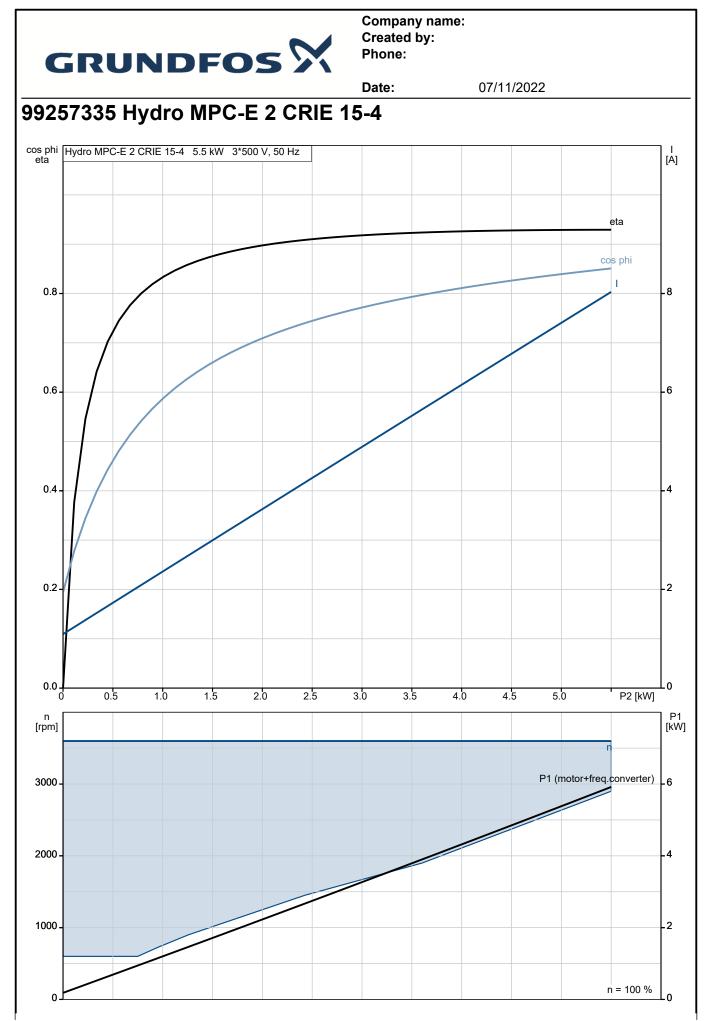
Н [m]			Н	ydro MPC-E 2	CRIE 15-4	eta [%]
[11]		Losses i	n fittings an	d valves not inc	cluded	[/0]
		Pumped	l liquid = Wa	ater		
		Liquid te	emperature	during operatio	n = 20 °C	
80 -	100 %	Density	= 998.2 kg/	m³		
00-						
70 -						
	90 %					
~~						
60 -						
	80 %					
50 -	00 70					100
	/					
40 _	70 %					- 80
			$\rightarrow$			
30 -	60 %		$\sim$			- 60
30 -						- 00
20 -	59/9/////					- 40
		4	$\sim$			
10 -						- 20
		$\sim$				
0 -						Lo
Č	5 10 15	20 25 30	0 35 4	0 45 50	Q [m³/h]	-0
P [kW]						NPSH [m]
[KVV]						
			P1 (mo	otor+freq.conve	rter)	- 12
10 -						- 10
10 -					P2	- 10
						- 8
-		T				-6
5 -					-	-5 -4
			_			-4
			-			-2
0 -						Lo

07/11/2022





Volume of pressure tank:	12
Diaphragm tank:	Yes
Others:	
Basis plant:	Y
Net weight:	241 kg
Gross weight:	262 kg
Sales region:	Great Britain
Config. file no:	98272403
Config.file Control MPC:	98271946
Config.file Hydro MPC:	98272014



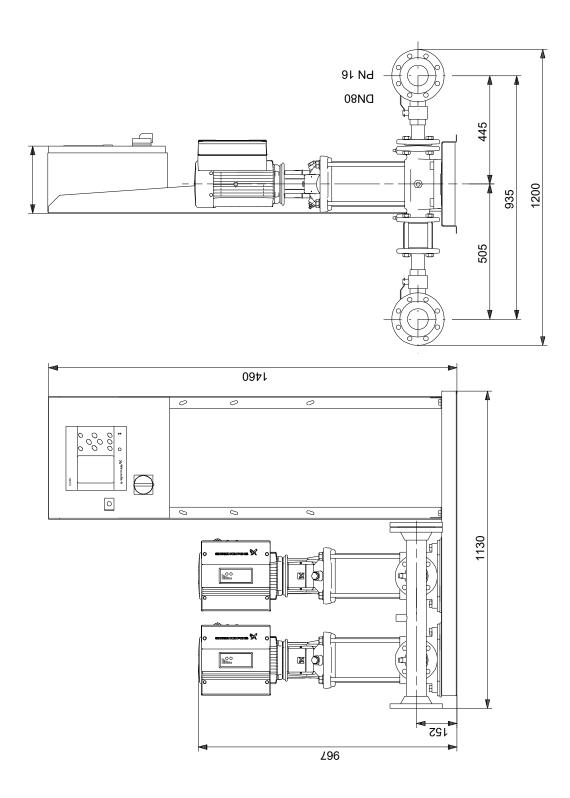


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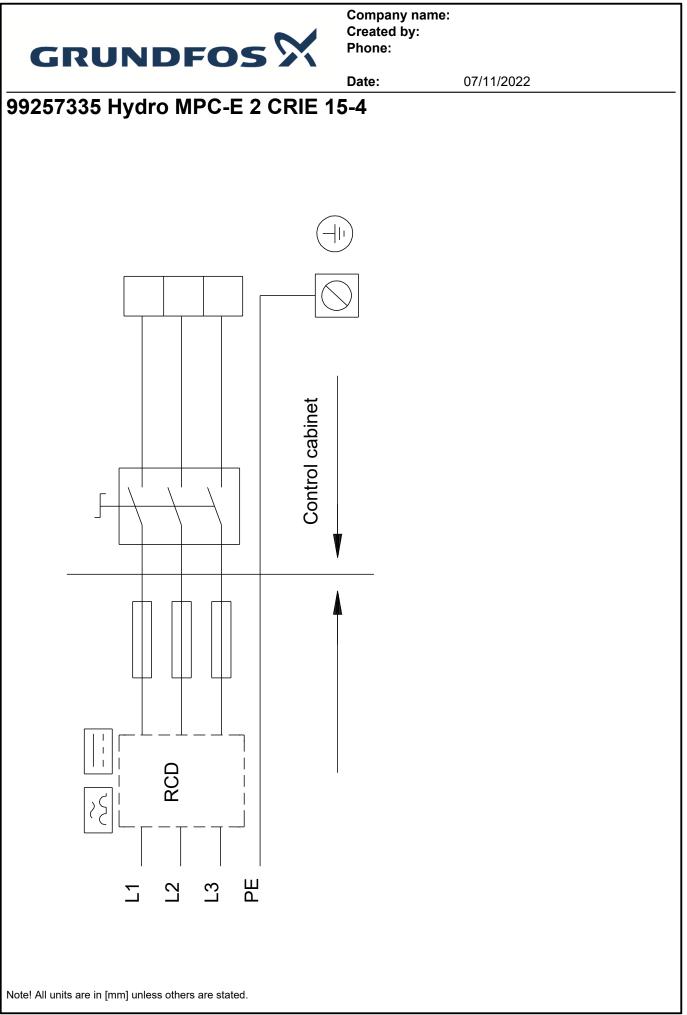
Date:

07/11/2022

## 99257335 Hydro MPC-E 2 CRIE 15-4



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:

Date: 07/11/2022 **Order Data:** Total **Product name** Amount | **Product No** Hydro MPC-E 2 CRIE 15-4 1 99257335 Price on request

			Tequesi
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