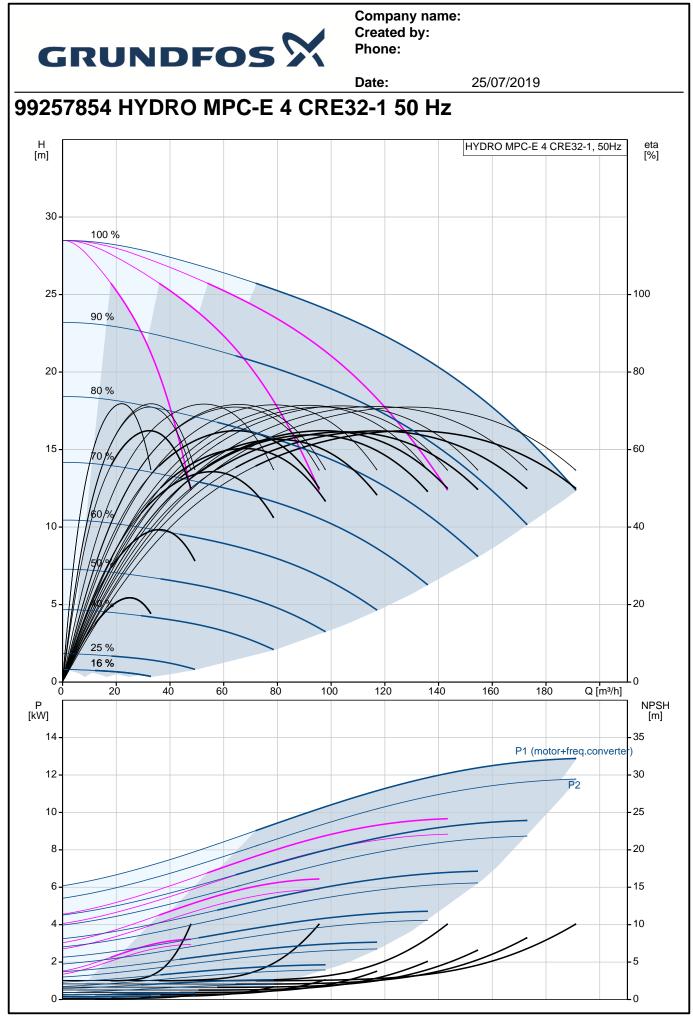




Company name: Created by: Phone:

			Date:	25/07/2019
Qty.	Description			
Qty.	Description   It is possible to add CIM commu   Pumps, piping, cabling complete   The booster system has been pr   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:   Maximum head: 29 m   Maximum flow: 192 m³/h	Multi-sensor (up to 6 Manual operation. Possibility of external Log function. Setpoint ramp. Possibility of digital re System on/off. Max., min. or user-de Up to 6 alternative se Digital inputs and out Pump and system mo Minimum and maximul Inlet pressure. Non-return valve mor Motor protection. Sensors and cables r Alarm log with the pre Display and indication Colour screen display Green indicator light indications Potential-free change Grundfos bus commu- nication modules for c as well as Control MF reset and tested. Water 5 °C 60 °C 16 bar 192 m <sup>3</sup> /h	ossible to switch to ar sensors to influence to setpoint influence. emote-control function fined duty. tpoints. puts can be configure onitoring functions: um limits of current van hitoring. nonitored for malfunc evious 24 warnings/al n functions: // for operating indicatio eover contacts for ope unication. ommunicating with So PC are mounted on th	nother sensor/setpoint). the setpoint). ns: ed individually. alue. tion. arms. ns and red indicator light for fault eration and fault.

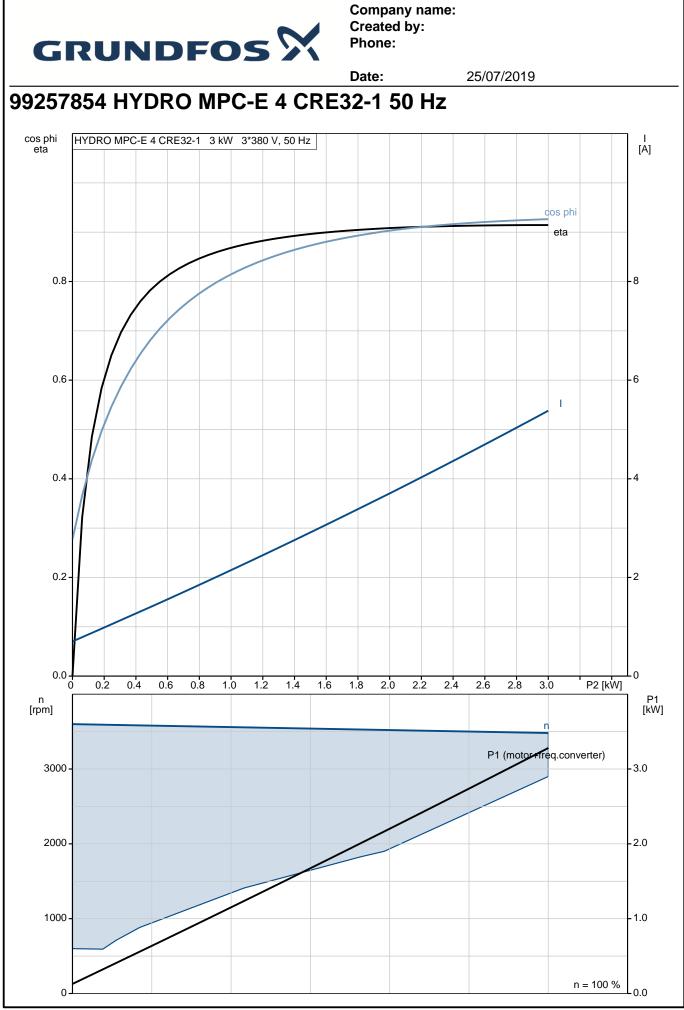


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## Company name: Created by: Phone:

		Date:	25/07/2019	
Description	Value	H [m]	HYDRO MPC-E 4 CRE32-1, 50Hz	eta [%]
General information:		-		
Product name:	HYDRO MPC-E 4 CRE32-1	30 - 100 %		-
Product No:	99257854	100 %		
EAN number:	5713826114442			
Technical:		25 - 90 %		- 100
Max flow:	192 m³/h	30 /8		
Max flow system:	144 m <sup>3</sup> /h	20 -		- 80
Head max:	29 m	80 %		- 80
Main pump name:	CRE32-1			
Main pump No:	99071938	15 - 10 -		- 60
Number of pumps:	4			00
Non-ret. valve:				
Materials:	at discharge side	10-		- 40
Manifolds:	EN/DIN 1.4571/ AISI 316 TI			
Installation:	40 h	5-		- 20
Maximum operating pressure:	16 bar	25 %		
Manifold inlet:	DN150	25 % 16 %		
Manifold outlet:	DN150	0	50 100 150 Q [m³/h]	<b>L</b> 0
Pressure rating:	PN16	P [kW]		NP
Earth connection:	PE	[KVV]	P1 (motor+freq.co)	m] (nverter)
System design:	D	12 -		- 30
Liquid:			P2	
Pumped liquid:	Water	10 -		- 25
Liquid temperature range:	5 60 °C	8-		- 20
Selected liquid temperature:	20 °C	➡ 6-		- 15
Density at selected liquid temperature:	998.2 kg/m³	4-	TT II	- 10
Electrical data:		2-		-5
Power (P2) main pump:	3 kW	0		Lo
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)			P
Controls:	/			Ţ
Control type:	E	- 8		
Tank:	<b>-</b>			
Diaphragm tank:	Yes			
Others:	1 69	2030	380 950	375
	V		1233	
Basis plant:	Y 544 br			
Net weight:	544 kg			
Gross weight:	603 kg			
Product range:	GB		1	
Config. file no:	98272420			
Config.file Control MPC:	98271948			<u> </u>
Config.file Hydro MPC:	98272014	1		L
Country of origin:	GB	L2 — HFI/FI		L
Custom tariff no.:	84137075	L3 —		ι
		PE		 ¬



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