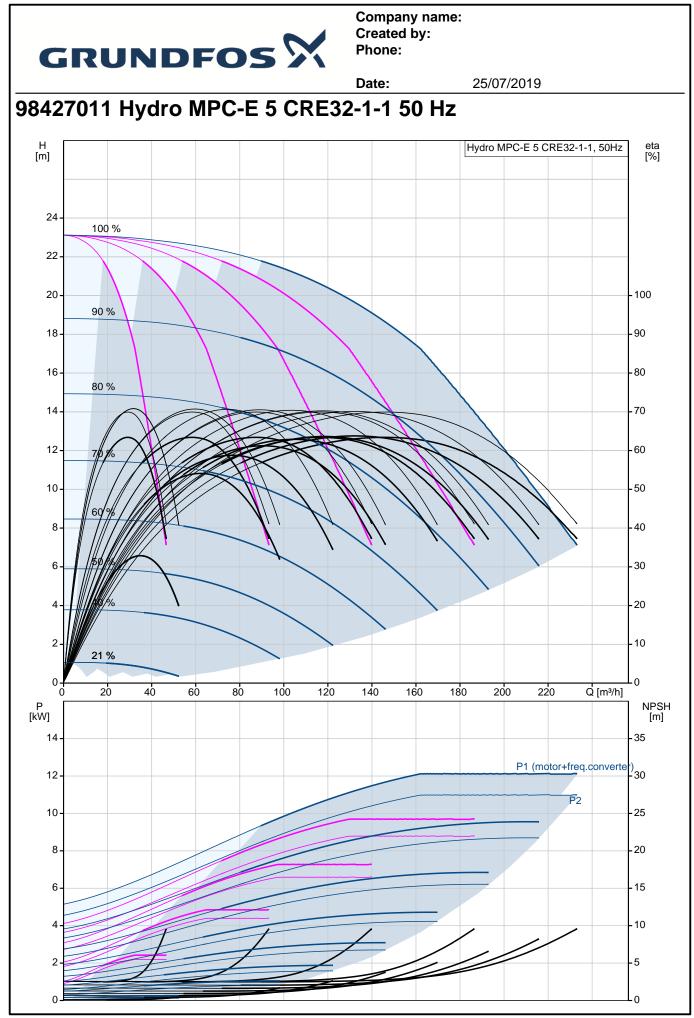




Company name: Created by: Phone:

			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: 22 m Maximum flow: 240 m³/h	Multi-sensor (up to Manual operation. Possibility of extern Log function. Setpoint ramp. Possibility of digital System on/off. Max., min. or user-of Up to 6 alternative s Digital inputs and o Pump and system r Minimum and maxin Inlet pressure. Non-return valve m Motor protection. Sensors and cables Alarm log with the p Display and indicati Colour screen displ Green indicator ligh indications Potential-free chang Grundfos bus comm nication modules for eas well as Control M eset and tested. Water 5 °C 60 °C 16 bar 240 m ³ /h	Possible to switch to a 6 sensors to influence al setpoint influence. remote-control function defined duty. setpoints. utputs can be configure nonitoring functions: mum limits of current va onitoring. s monitored for malfunc orevious 24 warnings/al on functions: ay. t for operating indication geover contacts for open nunication. communicating with S /IPC are mounted on th	nother sensor/setpoint). the setpoint). ns: ed individually. alue. ction. larms. ons and red indicator light for fault eration and fault. cada/BMS.
	Allowed liquid temp.: System pressure max.: Flow (Plant): Flow without one stand-by pump Mains suply: Nom. current of plant: Nominal power:	5 °C 60 °C 16 bar 240 m³/h acc. DIN 1988/T5: 380-415 V 22,0A-415V 2.2 kW	192 m³/h	

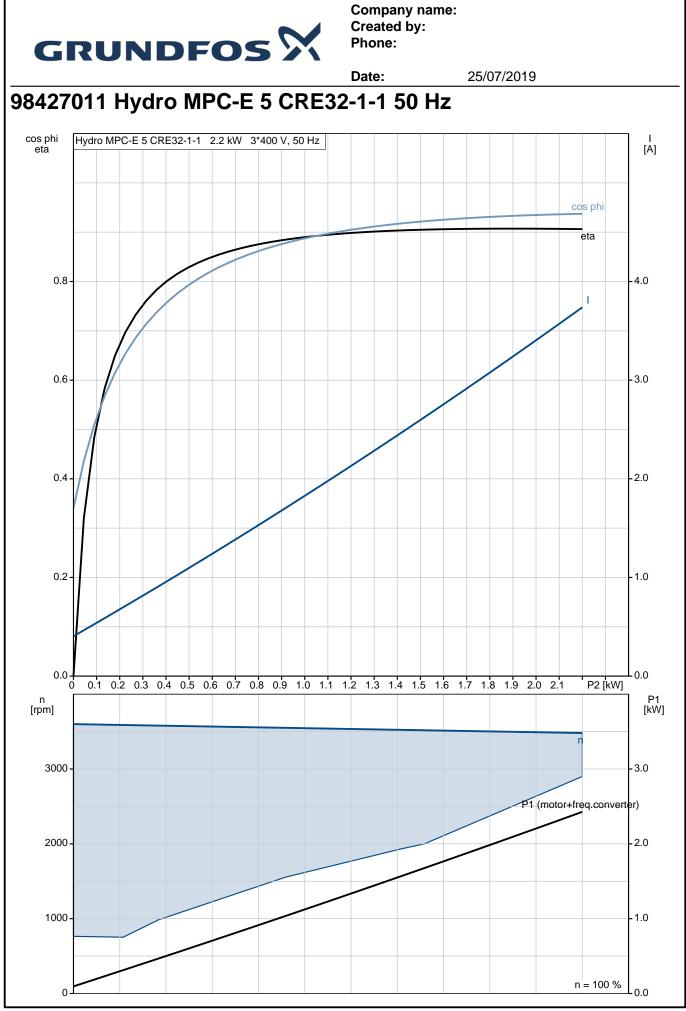


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Company name: Created by: Phone:

General information: Product name: F Product No: 9 EAN number: 5 Technical: 7 Max flow: 2 Max flow: 2 Max flow system: 1 Head max: 2 Main pump name: 0 Main pump No: 9 Number of pumps: 5 Non-ret. valve: a Materials: 4 Maximum operating pressure: 1 Maximum permissible inlet pressure: 1 Manifold inlet: 1 Manifold outlet: 1 Pressure rating: F	Value Hydro MPC-E 5 CRE32-1-1 98427011 5711494819157 240 m³/h 192 m³/h 22 m CRE32-1-1 98390932 5 at discharge side EN/DIN 1.4571/ AISI 316 TI 16 bar 15.3 bar DN150 DN150 PN16	22- 20-94 18- 16-84 14- 12- 10- 6- 4-		Hydro	MPC-E 5 CRE32-1-1, 50Hz	eta [%] - 100 - 90 - 80 - 70 - 60 - 50 - 40 - 30 - 20 - 10
Product name:HProduct No:9EAN number:5 Fechnical: 7Max flow:2Max flow system:1Head max:2Main pump name:0Main pump name:0Main pump No:9Number of pumps:5Non-ret. valve:aMaterials:1Maximum operating pressure:1Maximum permissible inlet pressure:1Manifold inlet:1Manifold outlet:1Pressure rating:F	98427011 5711494819157 240 m³/h 192 m³/h 22 m CRE32-1-1 98390932 5 at discharge side EN/DIN 1.4571/ AISI 316 TI 16 bar 15.3 bar DN150 DN150 PN16					- 90 - 80 - 70 - 60 - 50 - 40 - 30 - 20
Product No:9EAN number:5Fechnical:7Max flow:2Max flow system:1Head max:2Main pump name:0Main pump No:9Number of pumps:5Non-ret. valve:aMaterials:7Maximum operating pressure:1Maximum permissible inlet pressure:1Manifold inlet:1Manifold outlet:1Pressure rating:F	98427011 5711494819157 240 m³/h 192 m³/h 22 m CRE32-1-1 98390932 5 at discharge side EN/DIN 1.4571/ AISI 316 TI 16 bar 15.3 bar DN150 DN150 PN16					- 90 - 80 - 70 - 60 - 50 - 40 - 30 - 20
EAN number:5 Fechnical: 7Max flow:2Max flow system:1Head max:2Main pump name:0Main pump No:9Number of pumps:5Non-ret. valve:aMaterials:7Maximum operating pressure:1Maximum permissible inlet pressure:1Manifold inlet:1Manifold outlet:1Pressure rating:F	5711494819157 240 m³/h 192 m³/h 22 m CRE32-1-1 98390932 5 at discharge side EN/DIN 1.4571/ AISI 316 TI 16 bar 15.3 bar DN150 DN150 PN16					- 90 - 80 - 70 - 60 - 50 - 40 - 30 - 20
Technical:Max flow:2Max flow system:1Head max:2Main pump name:0Main pump No:9Number of pumps:5Non-ret. valve:aMaterials:1Maximum operating pressure:1Maximum permissible inlet pressure:1Manifold inlet:1Manifold outlet:1Pressure rating:F	240 m³/h 192 m³/h 22 m CRE32-1-1 98390932 5 at discharge side EN/DIN 1.4571/ AISI 316 TI 16 bar 15.3 bar DN150 DN150 PN16					- 90 - 80 - 70 - 60 - 50 - 40 - 30 - 20
Max flow:2Max flow system:1Head max:2Main pump name:0Main pump No:9Number of pumps:5Non-ret. valve:aMaterials:4Manifolds:Emstallation:1Maximum operating pressure:1Manifold inlet:EManifold outlet:EPressure rating:F	192 m ³ /h 22 m CRE32-1-1 98390932 5 at discharge side EN/DIN 1.4571/ AISI 316 TI 16 bar 15.3 bar DN150 DN150 PN16					- 90 - 80 - 70 - 60 - 50 - 40 - 30 - 20
Max flow system: 1 Head max: 2 Main pump name: C Main pump No: 9 Number of pumps: 5 Non-ret. valve: a Materials: 4 Manifolds: E nstallation: 1 Maximum operating pressure: 1 Manifold inlet: C Manifold outlet: C Pressure rating: F	192 m ³ /h 22 m CRE32-1-1 98390932 5 at discharge side EN/DIN 1.4571/ AISI 316 TI 16 bar 15.3 bar DN150 DN150 PN16	$ \begin{array}{c} 16 \\ 8 \\ 14 \\ 12 \\ 10 \\ 6 \\ 4 \\ 2 \\ 0 \\ 0 \end{array} $				- 80 - 70 - 60 - 50 - 40 - 30 - 20
Max flow system: 1 Head max: 2 Main pump name: C Main pump No: 9 Number of pumps: 5 Non-ret. valve: a Materials: a Matifolds: E nstallation: 1 Maximum operating pressure: 1 Manifold inlet: C Manifold outlet: C Pressure rating: F	192 m ³ /h 22 m CRE32-1-1 98390932 5 at discharge side EN/DIN 1.4571/ AISI 316 TI 16 bar 15.3 bar DN150 DN150 PN16					- 70 - 60 - 50 - 40 - 30 - 20
Head max:2Main pump name:0Main pump No:9Number of pumps:5Non-ret. valve:aMaterials:9Manifolds:Enstallation:1Maximum operating pressure:1Maximum permissible inlet pressure:1Manifold inlet:1Manifold outlet:1Pressure rating:F	CRE32-1-1 98390932 5 at discharge side EN/DIN 1.4571/ AISI 316 TI 16 bar 15.3 bar DN150 DN150 PN16					- 70 - 60 - 50 - 40 - 30 - 20
Main pump name: C Main pump No: 9 Number of pumps: 5 Non-ret. valve: a Materials: a Manifolds: E nstallation: 1 Maximum operating pressure: 1 Maximum permissible inlet pressure: 1 Manifold inlet: E Pressure rating: F	CRE32-1-1 98390932 5 at discharge side EN/DIN 1.4571/ AISI 316 TI 16 bar 15.3 bar DN150 DN150 PN16		1%			- 60 - 50 - 40 - 30 - 20
Main pump No: 9 Number of pumps: 5 Non-ret. valve: a Materials: a Manifolds: E nstallation: 1 Maximum operating pressure: 1 Maximum permissible inlet pressure: 1 Manifold inlet: E Pressure rating: F	98390932 5 at discharge side EN/DIN 1.4571/ AISI 316 TI 16 bar 15.3 bar DN150 DN150 PN16		1%			
Number of pumps: 5 Non-ret. valve: a Materials: generation: Maximum operating pressure: 1 Maximum permissible inlet pressure: 1 Manifold inlet: D Manifold outlet: D Pressure rating: F	5 at discharge side EN/DIN 1.4571/ AISI 316 TI 16 bar 15.3 bar DN150 DN150 PN16		1%			- 40 - 30 - 20
Non-ret. valve: a Materials:	at discharge side EN/DIN 1.4571/ AISI 316 TI 16 bar 15.3 bar DN150 DN150 PN16	8 - 6 6 - 7 4 - 2 - 2 0 - 0	1%			- 40 - 30 - 20
Materials: Manifolds: E nstallation: 1 Maximum operating pressure: 1 Maximum permissible inlet pressure: 1 Manifold inlet: E Manifold outlet: E Pressure rating: F	EN/DIN 1.4571/ AISI 316 TI 16 bar 15.3 bar DN150 DN150 PN16	6 - 4 - 2 - 2 - 2 - 2 - 0 0	1%			- 30 - 20
Manifolds: E nstallation: I Maximum operating pressure: 1 Maximum permissible inlet pressure: 1 Manifold inlet: E Manifold outlet: E Pressure rating: F	16 bar 15.3 bar DN150 DN150 PN16	4 - 2 - 2 - 2 - 2 - 0 - 0	1%			- 20
nstallation: Maximum operating pressure: 1 Maximum permissible inlet pressure: 1 Manifold inlet: E Manifold outlet: E Pressure rating: F	16 bar 15.3 bar DN150 DN150 PN16	4 - 2 - 2 - 2 - 2 - 0 - 0	1%			- 20
Maximum operating pressure: 1 Maximum permissible inlet pressure: 1 Manifold inlet: D Manifold outlet: D Pressure rating: F	15.3 bar DN150 DN150 PN16		1%			
Maximum permissible inlet pressure: 1 Manifold inlet: D Manifold outlet: D Pressure rating: F	15.3 bar DN150 DN150 PN16	0				L 10
Manifold inlet: E Manifold outlet: E Pressure rating: F	DN150 DN150 PN16	0				
Manifold inlet: C Manifold outlet: C Pressure rating: F	DN150 DN150 PN16	0	50			
Vanifold outlet: C Pressure rating: F	DN150 PN16	P [kW]		100 1	50 200 Q [m³/h]	
Pressure rating: F	PN16	[kW]				NPS
5						[m
Earth connection: F		12 -			P1 (motor+freq.co	priverter)
	PE				P2	
Liquid:		10 -				- 25
Pumped liquid: V	Water	8 -				- 20
_iquid temperature range: 5	5 60 °C	6 -				- 15
Selected liquid temperature: 2	20 °C	-				10
Density at selected liquid gemperature:	998.2 kg/m³	4 - 2 -	1	F		- 10 - 5
Electrical data:		0_				
Power (P2) main pump: 2	2.2 kW					
	50 Hz					
	3 x 380-415 V			[F		
-	22,0A-415V					
-	electronically	_				
	IP54					
	EMC	. 📕				
Radio interference supression:	DIRECTIVE(2014/30/EU)					
Controls:		E ZZZA	<u></u>			
, , , , , , , , , , , , , , , , , , ,	E	· · ·	2524		575 37	
Tank:					a	
1 0	Yes					
Others:						
Basis plant: Y	Y					
Net weight: 6	651 kg					
Gross weight: 7	712 kg					
Product range:	GB			1		
-	98272419				<u> </u>	
-	98271949	L1	E	\equiv	-∕†[Ľ
-	98272014		=I/FI			
	GB	- I				
			 _	+t		L
Custom tariff no.: 8	84137075	PE				٦
					Control cabinet	م



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