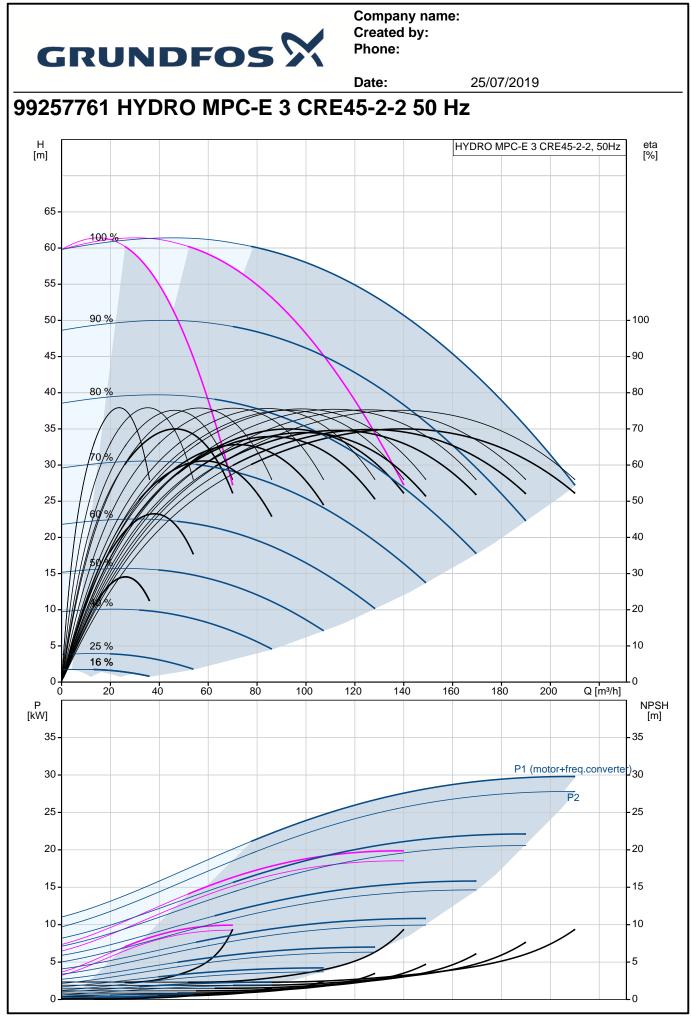




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Company name: Created by: Phone:

DescriptionValueGeneral information:HYDRO MPC-E 3 CRE45-2-2Product name:99257761EAN number:5713826112783Technical:5713826112783Max flow:210 m³/hMax flow system:140 m³/hHead max:60 mMain pump name:CRE45-2-2Main pump name:CRE45-2-2Main pump name:99072012Number of pumps:3Non-ret. valve:at discharge sideMaterials:Mainifolds:Manifolds:EN/DIN 1.4571/ AISI 316 TIInstallation:DN200Manifold outlet:DN200Pressure rating:PN16Earth connection:PESystem design:DLiquid:WaterLiquid temperature range:5 60 °CSelected liquid temperature:20 °CDensity at selected liquid998.2 kg/m³	H [m] 65 60 100 55 50 90 % 45 40 80 % 35 30 70 % 25 20 15 50 80 % 35 30 70 % 25 50 90 % 45 40 80 % 35 50 90 % 45 40 90 % 45 40 40 40 90 % 45 40 90 % 45 40 90 % 45 40 90 % 45 40 90 % 45 40 90 % 45 40 90 % 45 40 90 % 45 40 90 % 45 40 40 90 % 45 40 90 % 45 40 90 % 45 40 90 % 45 40 90 % 45 40 90 % 45 40 90 % 45 40 90 % 40 40 40 90 % 40 40 40 40 % 40 40 40 40 40 40 40 40 40 40 40 40 40		100	150 P1 (Q [m ³ /l (motor+freq.c	NP [n
Product name:HYDRO MPC-E 3 CRE45-2-2Product No:99257761EAN number:5713826112783Technical:99257761Wax flow:210 m³/hMax flow system:140 m³/hHead max:60 mMain pump name:CRE45-2-2Main pump name:09072012Number of pumps:3Non-ret. valve:at discharge sideMaterials:Image: SideManifolds:EN/DIN 1.4571/ AISI 316 TIInstallation:DN200Manifold outlet:DN200Pressure rating:PN16Earth connection:PESystem design:DLiquid:WaterPumped liquid:WaterLiquid temperature range:5 60 °CSelected liquid temperature:20 °C	60 100 9 55 5 50 90 % 45 40 80 % 35 70 % 25 60 70 % 25 60 70 % 26 70 % 20 70 % 25 60 70 % 25 60 70 % 25 70 % 0 0 % 0 0 % 0 0 %		100		(motor+freq.c	90 80 70 60 50 40 30 20 10 0 NP [r
Product No:99257761EAN number:5713826112783Technical:	55 50 90 % 45 40 80 % 35 30 70 % 25 50 70 % 25 50 70 % 10 5 25 % 0 0 7 10 5 25 % 0 0 7 10 7 25 % 0 0 25 % 0 0 25 % 0 0 25 % 0 0 25 % 0 0 25 % 0 25 % 0 0 25 % 0 25 % 0 0 25 % 0 0 25 % 0 25 % 0 0 0 0 0 0 0 0 0 0 0 0 0		100		(motor+freq.c	90 80 70 60 50 40 30 20 10 0 NP [n
EAN number:5713826112783Technical:Max flow:210 m³/hMax flow system:140 m³/hHead max:60 mMain pump name:CRE45-2-2Main pump name:99072012Number of pumps:3Non-ret. valve:at discharge sideMaterials:EN/DIN 1.4571/ AISI 316 TIInstallation:DN200Manifold inlet:DN200Pressure rating:PN16Earth connection:PESystem design:DLiquid:WaterLiquid temperature range:5 60 °CSelected liquid temperature:20 °C	50 90 % 45 40 80 % 35 30 70 % 25 60 15 5 10 5 5 25 % 0 0 0 15 15 10 5 5 25 % 0 0 0 15 5 10 5 10 70 %		100		(motor+freq.c	90 80 70 60 50 40 - 30 - 20 10 0 NP [n
Technical:Max flow:210 m³/hMax flow system:140 m³/hHead max:60 mMain pump name:CRE45-2-2Main pump No:99072012Number of pumps:3Non-ret. valve:at discharge sideMaterials:EN/DIN 1.4571/ AISI 316 TIInstallation:DN200Manifold inlet:DN200Manifold outlet:DN200Pressure rating:PN16Earth connection:PESystem design:DLiquid:WaterLiquid temperature range:5 60 °CSelected liquid temperature:20 °C	45 40 35 30 25 20 15 10 25 25 40 45 40 45 40 45 40 45 40 45 40 45 40 45 40 45 40 45 40 40 40 40 40 40 40 40 40 40		100		(motor+freq.c	90 80 70 60 50 40 30 20 10 0 NP [r
Max flow:210 m³/hMax flow system:140 m³/hHead max:60 mMain pump name:CRE45-2-2Main pump No:99072012Number of pumps:3Non-ret. valve:at discharge sideMaterials:EN/DIN 1.4571/ AISI 316 TIInstallation:DN200Manifold inlet:DN200Manifold outlet:DN200Pressure rating:PN16Earth connection:PESystem design:DLiquid:WaterLiquid temperature range:5 60 °CSelected liquid temperature:20 °C	40 - 80 % 35 - 70 % 25 - 60 % 20 - 70 % 15 - 70 % 10 - 70 % 10 - 70 % 5 - 25 % 0 - 0 70 % 16 % 0 - 0 70 % 16 % 0 - 70 % 10 % 0 % 0 % 0 % 0 % 0 % 0 % 0 % 0 % 0 %		100		(motor+freq.c	80 70 60 50 40 30 20 10 0 10 [n]
Max flow system:140 m³/hHead max:60 mMain pump name:CRE45-2-2Main pump No:99072012Number of pumps:3Non-ret. valve:at discharge sideMaterials:EN/DIN 1.4571/ AISI 316 TIInstallation:DN200Manifold inlet:DN200Manifold outlet:DN200Pressure rating:PN16Earth connection:PESystem design:DLiquid:WaterLiquid temperature range:5 60 °CSelected liquid temperature:20 °CDensity at selected liquidacc out of one	40 - 80 % 35 - 70 % 25 - 60 % 20 - 70 % 15 - 70 % 10 - 70 % 10 - 70 % 5 - 25 % 0 - 0 70 % 16 % 0 - 0 70 % 16 % 0 - 70 % 10 % 0 % 0 % 0 % 0 % 0 % 0 % 0 % 0 % 0 %		100		(motor+freq.c	80 70 60 50 40 30 20 10 0 10 [n]
Head max:60 mMain pump name:CRE45-2-2Main pump No:99072012Number of pumps:3Non-ret. valve:at discharge sideMaterials:Materials:Manifolds:EN/DIN 1.4571/ AISI 316 TIInstallation:16 barManifold inlet:DN200Manifold outlet:DN200Pressure rating:PN16Earth connection:PESystem design:DLiquid:WaterLiquid temperature range:5 60 °CSelected liquid temperature:20 °C	35 30 25 20 15 10 5 25 5 25 5 0 0 0 0 15 5 25 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		100		(motor+freq.c	- 70 - 60 - 50 - 40 - 30 - 20 - 10 - 0 NP [n]
Main pump name:CRE45-2-2Main pump No:99072012Number of pumps:3Non-ret. valve:at discharge sideMaterials:EN/DIN 1.4571/ AISI 316 TIInstallation:16 barManifold since:DN200Manifold outlet:DN200Pressure rating:PN16Earth connection:PESystem design:DLiquid:WaterLiquid temperature range:5 60 °CSelected liquid temperature:20 °C	30 - 70 / 25 - 60 / 20 - 15 - 50 / 10 - 25 % 0 0 - 25 % 0 0 - 25 % 30 - 25 - 30 / 30 / 30 - 30 / 30 /		100		(motor+freq.c	- 60 - 50 - 40 - 30 - 20 - 10 - 0 - 1 - 0 - 1 - 0 - 0 - 0 - 0 - 0 - 0
Main pump No:99072012Number of pumps:3Non-ret. valve:at discharge sideMaterials:	25 20 15 10 5 25 % 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		100		(motor+freq.c	50 40 30 20 10 0 NP [n
Number of pumps:3Non-ret. valve:at discharge sideMaterials:	20 - 5 - 25 % 0 - 25		100		(motor+freq.c	40 - 30 - 20 - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 1
Non-ret. valve:at discharge sideMaterials:Manifolds:EN/DIN 1.4571/ AISI 316 TIInstallation:Maximum operating pressure:16 barManifold inlet:DN200Manifold outlet:DN200Pressure rating:PN16Earth connection:PESystem design:DLiquid:WaterPumped liquid:WaterLiquid temperature range:5 60 °CSelected liquid temperature:20 °C	20 - 5 - 25 % 0 - 25		100		(motor+freq.c	40 - 30 - 20 - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 1
Materials: Manifolds: EN/DIN 1.4571/ AISI 316 TI Installation: Maximum operating pressure: 16 bar Manifold inlet: DN200 Manifold outlet: DN200 Pressure rating: PN16 Earth connection: PE System design: D Liquid: Water Liquid temperature range: 5 60 °C Selected liquid temperature: 20 °C	15 - 25 % 0 0 0 (kW) 30 25 -		100		(motor+freq.c	- 30 - 20 - 10 - 10 - 1 - 10 - 10 - 10 - 10 - 10
Manifolds: EN/DIN 1.4571/ AISI 316 TI Installation: Installation: Maximum operating pressure: 16 bar Manifold inlet: DN200 Manifold outlet: DN200 Pressure rating: PN16 Earth connection: PE System design: D Liquid: Water Liquid temperature range: 5 60 °C Selected liquid temperature: 20 °C	10 - 25 % 0 - 25 % 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -		100		(motor+freq.c	- 20 - 10
Installation:Maximum operating pressure:16 barManifold inlet:DN200Manifold outlet:DN200Pressure rating:PN16Earth connection:PESystem design:DLiquid:VaterLiquid temperature range:5 60 °CSelected liquid temperature:20 °C	10 - 25 % 0 - 25 % 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -		100		(motor+freq.c	10 10 1] NP [n
Maximum operating pressure: 16 bar Manifold inlet: DN200 Manifold outlet: DN200 Pressure rating: PN16 Earth connection: PE System design: D Liquid: Water Liquid temperature range: 5 60 °C Selected liquid temperature: 20 °C	5 - 25 % 0 0 0 (kW) 30 - 25 -		100		(motor+freq.c	10 10 1) NP [n
Manifold inlet: DN200 Manifold outlet: DN200 Pressure rating: PN16 Earth connection: PE System design: D Liquid: Water Liquid temperature range: 5 60 °C Selected liquid temperature: 20 °C	P [kW] 30- 25-		100		(motor+freq.c	
Manifold outlet: DN200 Pressure rating: PN16 Earth connection: PE System design: D Liquid: Water Liquid temperature range: 5 60 °C Selected liquid temperature: 20 °C Density at selected liquid acc o to to c	0 0 [kW] 30 25		100		(motor+freq.c	n] NP [n
Pressure rating: PN16 Earth connection: PE System design: D Liquid: Water Liquid temperature range: 5 60 °C Selected liquid temperature: 20 °C	[kW] 30 25	50	100		(motor+freq.c	NP [n
Earth connection: PE System design: D Liquid: Water Liquid temperature range: 5 60 °C Selected liquid temperature: 20 °C	[kW] 30 25			P1 ([n
Earth connection: PE System design: D Liquid: Water Liquid temperature range: 5 60 °C Selected liquid temperature: 20 °C	30 - 25 -			P1 (converter)
System design: D Liquid: Water Pumped liquid: Water Liquid temperature range: 5 60 °C Selected liquid temperature: 20 °C Density at selected liquid acc o to t	25 -			PT		-30 ^{er}
Liquid: Water Pumped liquid: Water Liquid temperature range: 5 60 °C Selected liquid temperature: 20 °C Density at selected liquid acc o to t					D2	
Pumped liquid: Water Liquid temperature range: 5 60 °C Selected liquid temperature: 20 °C Density at selected liquid acc o to t	20				12	- 25
Liquid temperature range: 5 60 °C Selected liquid temperature: 20 °C					_	- 20
Selected liquid temperature: 20 °C						
Density at selected liquid	15 -					- 15
	10-	F				- 10 - 5
Electrical data:	0					
Power (P2) main pump: 11 kW -	Ū					Ū
Mains frequency: 50 Hz						
Rated voltage: 3 x 380-415 V						
Rated current of system: 63,6A-415V		ſ				
Start. method: electronically Enclosure class (IEC 34-5): IP54						
			<u> </u>	•		
Radio interference supression: EMC DIRECTIVE(2014/30/EU)			:	1001		
Controls:			•	e		8 9
Control type: E				ARM	lila	DN200
Tank:				Ц∣ १९३०⊂	╔┋╝	
Diaphragm tank: Yes	· + '	1630	coo.			
Others:	h a		600		1050 1360	
Basis plant: Y						
Net weight: 646 kg						
Gross weight: 685 kg						
Product range: GB			I			
Config. file no: 98272350						
Config.file Control MPC: 98271947	L1		$ \longrightarrow $	+7-		- L
Config.file Hydro MPC: 98272014						╞┥╻
Country of origin: GB	I.					
	L3 — I					- <u> </u>
Custom tariff no.: 84137075	PE					

