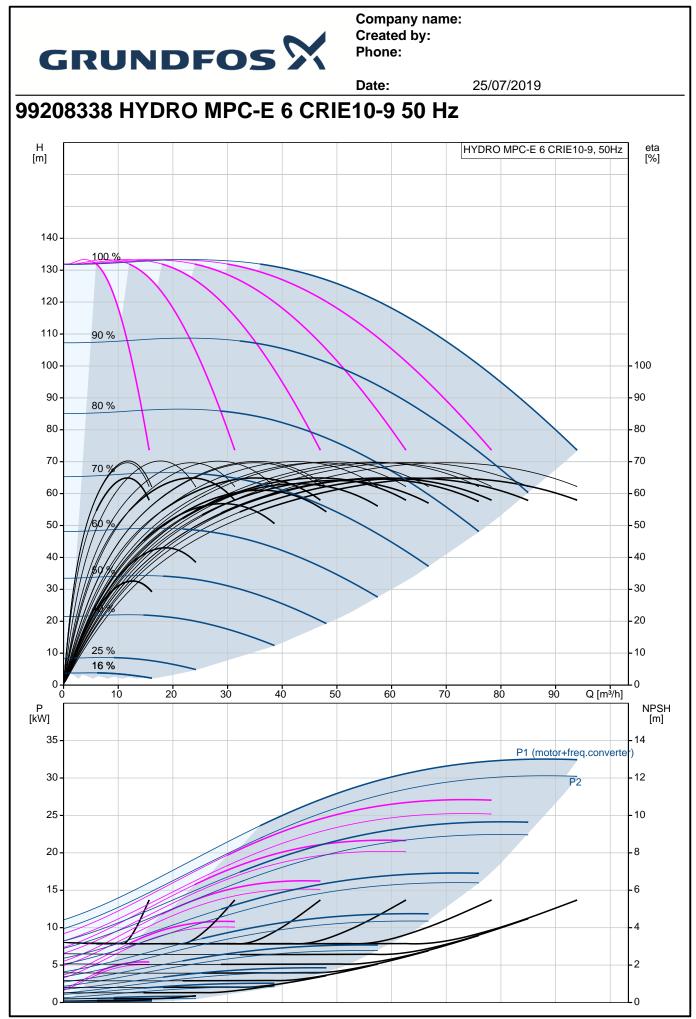
	GRUNDFO	os X	Company name: Created by: Phone:				
			Date:	25/07/2019			
Qty.	Description						
1	HYDRO MPC-E 6 CRIE10-9	ī					
	Product No.: 99208338	Note! Product picture	may differ from actual pro	duct			
	Pressure booster system supplie	ed as compact asseml	bly according to DIN s	tandard 1988/T5.			
	All pumps are speed-controlled.						
	From 0.37 to 11 kW, the booster system is equipped with CR, CRE, CRI, CRIE pumps with electronically commutated permanent-magnet motors with extremely high efficiency. The total efficiency of the motor including the frequency converter applies to IE5 level in IEC60034-31.						
	From 15 to 22 kW, the booster s frequency control. The total effic IEC60034-31, even though this	ciency of the motor inc	ludina the frequency c	E pumps with motors with integrated converter is better than the IE3 level in			
	 * The system performance and through parallel cont 	is adapted to the dem rol of the pumps in op	hand through cutting in eration.	ustment of the speed of the pumps. /out the required number of pumps			
	* Pump changeover is auto	omatic and depends of	n load, time and fault.				
	The system consists of these pa Pump parts in contact with the p Pump bases and heads are of e pump type; other vital parts are The pumps are equipped with a	oumped liquid are mad ither cast iron/stainles made of stainless stee	s steel (CRI) or cast ir el EN DIN 1.4301	on EN-GJS-500-7 (CR), depending on			
	 * Two stainless steel manif * Stainless steel base fram 	folds to EN DIN 1.457 ne to EN DIN 1.4301 u	1	90 the pumps are placed on a			
	galvanized I-Beam frame * One non-return valve (PC * Non-return valves are cented	DM) and two isolating		according to DIN and DVGW			
	 * Adapter with isolating val * Pressure gauge and pres 	ve for connection of di	aphragm tank	J J			
		abinet, IP54, including	main switch, all requir	red fuses, motor protection, switching			
	Dry-running protection and diapl	hragm tank are availal	ole according to the lis	t of accessories.			
	Pump operation is controlled by *	Intelligent multipump	controller, CU 352.				
		of each individual pu	ontrol through continue mp. djustable PI paramete	ously variable adjustment of the speed			
		Constant pressure at	setpoint, independen	t of inlet pressure.			
		Soft pressure build-u On/off operation at lo		ammer during startup).			
			ontrol of pumps for op e between start/stop, a	otimum efficiency. automatic pump changeover and pump			
		Automatic pump test Possibility of standby		le pumps from seizing up. mary sensor).			



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		н	HYDRO MPC-E 6 CRIE10-9, 50Hz	
Description	Value	[m]	HTDRO MPC-E 6 CRIE 10-9, 5002	e [
General information:				
Product name:	HYDRO MPC-E 6 CRIE10-9	140 -		
Product No:	99208338	100 0	%	
EAN number:	5712608717611	130 -		
Technical:		120 -		
Max flow:	94 m³/h	11090 %		-
Max flow system:	91 m³/h	100 -		- 100
Head max:	133 m	90 - 80 %		- 90
Main pump name:	CRIE10-9	80 -		- 80
Main pump No:	99071792	70 - 70.00		- 70
Number of pumps:	6	12		
Non-ret. valve:	at discharge side	60 -		- 60
Materials:		50 - 60%		- 50
Manifolds:	EN/DIN 1.4571/ AISI 316 TI	40 -		- 40
Installation:		30 -		- 30
Maximum operating pressure:	16 bar	20 -		- 20
Manifold inlet:	DN100	10 - 25 %		10
Manifold outlet:	DN100	16 %		\bot_{0}
Pressure rating:	PN16	Ō	20 40 60 80 Q [m³/h]
Earth connection:	PE	P [kW]		N
	D	` ' †	P1 (motor+freq.co	onverte
System design:	U	30 -	P2	- 12
Liquid:	Motor	25 -		- 10
Pumped liquid:	Water	20 -		- 8
Liquid temperature range:	5 60 °C			
Selected liquid temperature:	20 °C	- 15-	NYIIII	-6
Density at selected liquid temperature:	998.2 kg/m³	10-		- 4
Electrical data:		5-		-2
	5.5 kW	0		
Power (P2) main pump:	5.5 KW			-0
Mains frequency:	3 x 380-415 V			
Rated voltage:			r	
Rated current of system:	67,2A-415V			
Start. method:	electronically			
Enclosure class (IEC 34-5):	IP54			
Radio interference supression:	EMC DIRECTIVE(2014/30/EU)			Ц.
Controls:				lla -
Control type:	E	8 Person Person		₽₩₽₽
Tank:		1		0 0
Diaphragm tank:	Yes		h e	-
Others:				
Basis plant:	Y			
Net weight:	683 kg			
Gross weight:	743 kg			
Product range:	GB			
Config. file no:	98272395			
Config.file Control MPC:	98271950			
Config.file Hydro MPC:	98272020	L1		
Country of origin:	GB	L2 — HFI/FI	╵╞──═╾┼┼┤┤┼───┤	
Custom tariff no.:	84137075	L3		
		PE		

