

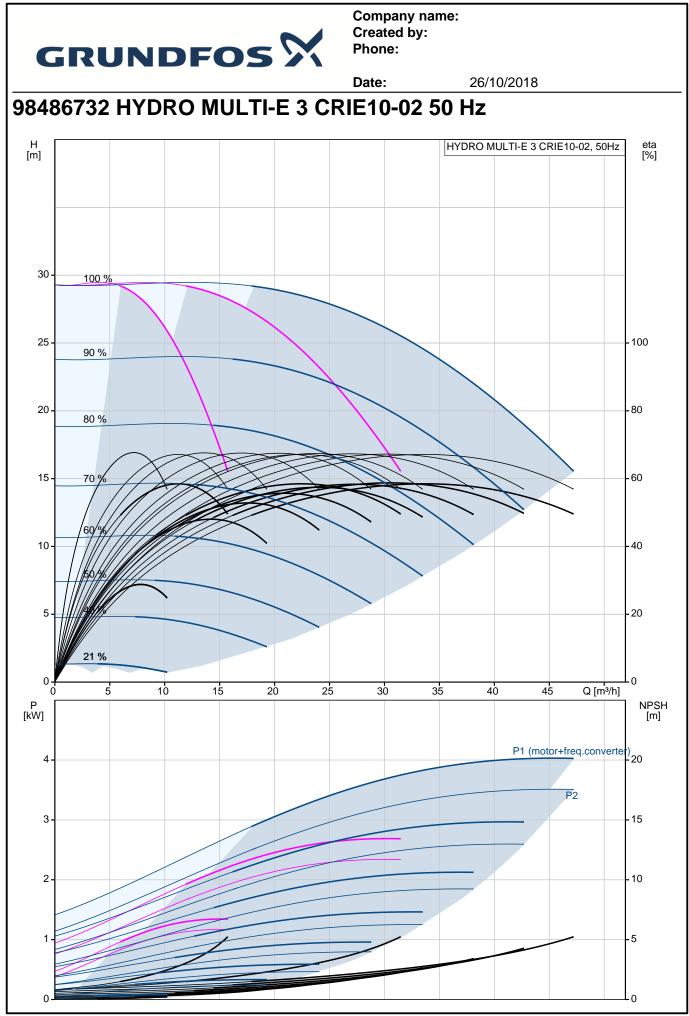
Company name: Created by: Phone:

Date: 26/10/2018							
Position	044	Description					
Position	Qty.	HYDRO MULTI-E 3 CRIE10-02					
	Note! Product picture may differ from actual product						
	Product No.: 98486732						
		GRUNDFOS Hydro Multi-E booster sets are designed for the transfer and pressure boosting of clean water in waterworks, blocks of flats, hotels, industry, hospitals, schools, etc. GRUNDFOS Hydro Multi-E booster set consists of 2 to 4 CRIE pumps coupled in parallel and mounted					
	on a common base frame provided with all the necessary fittings.						
	Hydro Multi-E is mounted on a common base frame made of stainless steel (DIN WN On the suction side are fitted a suction manifold (DIN WNr. 1.4401 or DIN WNr. 1.45 switch mounted on a drainable valve and an isolating valve. On the discharge side of th fitted a non-return valve, an isolating valve, a pressure gauge, two pressure transmitter drainable valve a diaphragm tank and a stainless steel discharge manifold (DIN WNr. WNr. 1.4571).						
		The Hydro Multi-E is fitted with an on/off-switch for the supply voltage.					
		The Hydro Multi-E is designed for maintaining a constant pressure regardless of flow changes and fluctuation.					
		The internal PI-controller regulates the number of running pumps and the speed of the pumps according to the required flow.					
		The system can be operated directly on the panel of any of the pumps or via Grundfos GO (available as accessory)					
		Besides the system features:					
		2 Digital outputs 2 Digital inputs (one used for dry run protection)					
		2 Analogue inputs (one used for discharge pressure sensor)					
		Multi-Master functionality 2 Limit functions					
		Set-point influence function					
		Pipe filling function High efficient PM motors					
		Available communication protocols: •LON					
		•Profibus •Modbus					
		•SMS/GSM/GPRS					
		•GRM •BACnet					
		•BACnet IP					
		•Modbus TCP •PROFINET					
		When delivered, the GRUNDFOS Hydro Multi-E booster set is factory tested and ready for operation.					
		Liquid:					



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			Date:	26/10/2018	
osition	Qty.	Description			
		Pumped liquid:	Water		
		Liquid temperature range:	5 60 °C		
		Liquid temperature during opera	ation: 20 °C		
		Density:	998.2 kg/m ³		
		Matariala			
		Materials:	Stainless steel		
		Pump housing:	Stalliess Steel		
		Installation:			
		Maximum operating pressure:	10 bar		
		Maximum inlet pressure:	PN 10 bar		
		Flange standard:	DIN2642		
		Manifold inlet:	DN 80		
		Manifold outlet:	DN 80		
		Electrical data:			
		IE Efficiency class:	IE5		
		Power (P2) main pump:	1.5 kW		
		Mains frequency:	50 Hz		
		Rated voltage:	3 x 380-415 V		
		Phase main pump:	1		
		Rated current:	13.8 A		
		Start. method:	electronically		
		Enclosure class (IEC 34-5):	IP54		
		Tank:			
		Volume of pressure tank:	25 I		
		Diaphragm tank:	Yes		
		Diaphragin tank.	103		
		Others:			
		Net weight:	200 kg		
		Gross weight:	209 kg		
		Shipping volume:	0.663 m ³		
		Language:	GB		
	1				



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Description

Product name: Product No: EAN number: **Technical:**

Min flow system: Max flow: Head max: Pump name: Number of pumps: Materials: Pump housing: Manifolds:

General information:

Company name: Created by: Phone:

		Date:	26/10/2018
	Value	H [m]	HYDRO MULTI-E 3 CRIE10-02, 50Hz eta [%]
		_	
	HYDRO MULTI-E 3 CRIE10-02		
	98486732	30 - 100	%
	5711495953997		
	1.21 m³/h	25 - 90 %	6 100
	47.1 m³/h		
	29 m	20 - 80 9	- 80
	CRIE10-02	80 %	°
	3	15 - 70 %	60
	Stainless steel		
	Stainless steel	10 - 10	40
	10 bar	50	
	PN 10 bar	5-	-20
	DIN2642	21 9	6 · · · · · · · · · · · · · · · · · · ·
	DN 80	0	
	DN 80	0 5	10 15 20 25 30 35 40 Q[m³/h]
		P [kW]	NPSH [m]
	Water	4 -	P1 (motor+freq.converter)
	5 60 °C		
ation:	20 °C		P2
	998.2 kg/m ³	3-	-15
	IE5	2-	-10
	1.5 kW		
	50 Hz	1-	5
	3 x 380-415 V		
	1	0	
	13.8 A		
	electronically		
	IP54		
	251		

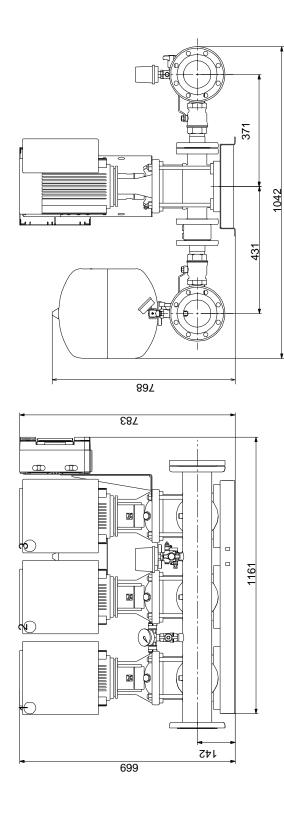
Installation: Maximum operating pressure: Maximum inlet pressure: Flange standard: Manifold inlet: Manifold outlet: Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during operat Density: Electrical data: IE Efficiency class: Power (P2) main pump: Mains frequency: Rated voltage: Phase main pump: Rated current: Start. method: Enclosure class (IEC 34-5): Tank: 25 I Volume of pressure tank: Diaphragm tank: Yes Others: 200 kg Net weight: Gross weight: 209 kg 0.663 m³ Shipping volume: Language: GB International Product range:



Company name: Created by: Phone:

26/10/2018

98486732 HYDRO MULTI-E 3 CRIE10-02 50 Hz



Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.

