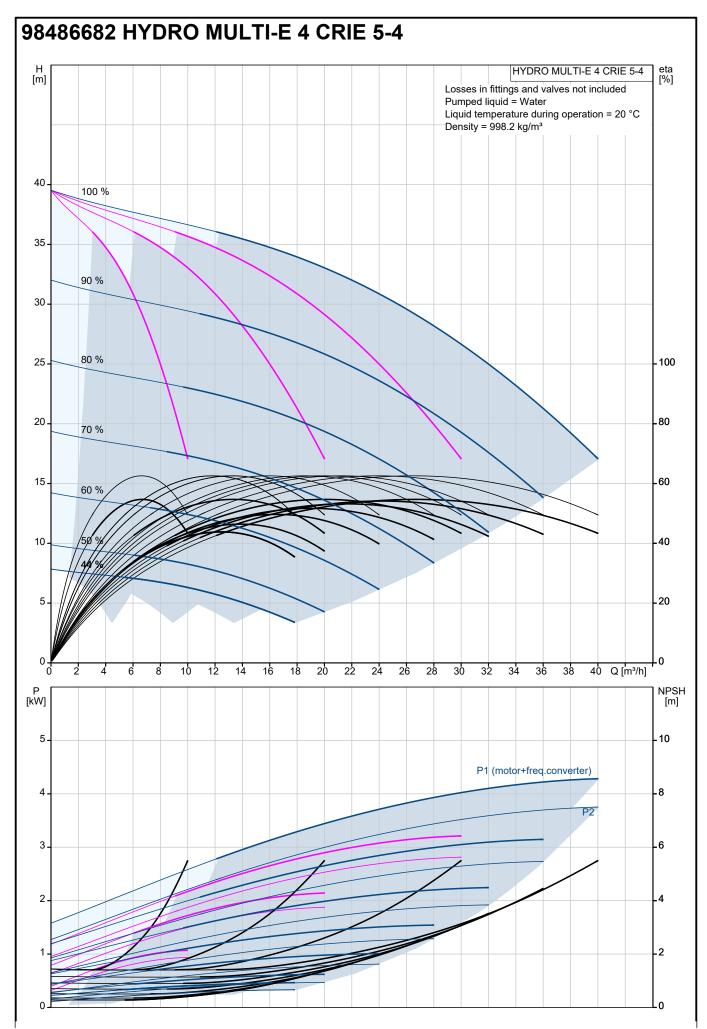
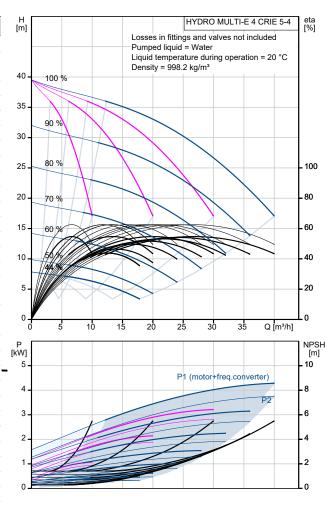
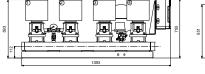
-								
Qty.	Description							
1	HYDRO MULTI-E 4 CRIE 5-4							
	Notel Duaduat wisting way differ from actual and duat							
	Note! Product picture may differ from actual product Product No.: 98486682							
	Flouder No 90400002							
	GRUNDFOS Hydro Multi-E booster sets are designed for the transfer 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 WNr. 1.4301).							
	On the suction side are fitted a suction manifold (DIN WNr.							
	1.4401 or DIN WNr.							
	1.4571), a pressure switch mounted on a drainable valve and an isolating valve.							
	On the discharge side of the pumps are fitted a non-return valve, an isolating valve, a pressure gauge, two pressure							
	transmitters mounted on a drainable valve a diaphragm tank and a stainless steel discharge manifold (DIN WNr.							
	1.4401 or DIN WNr. 1.4571).							
	The Hydro Multi-E is fitted with an on/off-switch for the supply voltage.							
	The right white is need with an on-on-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)							
	Resides the system features:							
	Besides the system features: 2 Digital outputs							
	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 CRUNDEOS Hydro Multi E becater act is factory tested and ready for exaction							
	When delivered, the GRUNDFOS Hydro Multi-E booster set is factory tested and ready for operation.							
	Liquid:							
	Pumped liquid: Water							

Qty.	Description	
1	Liquid temperature range:	5 60 °C
	Selected liquid temperature:	20 °C
	Density:	998.2 kg/m³
	- · · ·	
	Technical: Max flow:	40.8 m³/h
		40.8 111 /11
	Materials:	
	Pump housing:	Stainless steel
	Installation:	
	Maximum operating pressure: Maximum permissible inlet press	10 bar Ura: _ DN 10 bar
	Flange standard:	DIN ISO 7/1
	Manifold inlet:	R 2 1/2
	Manifold outlet:	R 2 1/2
	Electrical data:	
	IE Efficiency class:	
	Power (P2) main pump: Mains frequency:	1.1 kW 50 / 60 Hz
	Rated voltage:	3 x 380-415 V
	Phase main pump:	1
	Rated current:	11.8 A
	Start. method:	electronically
	Enclosure class (IEC 34-5):	IP54
	Tank:	
	Volume of pressure tank:	81
	Diaphragm tank:	Yes
	Others:	
	Net weight: Gross weight:	157 kg 169 kg
	Shipping volume:	0.6 m <sup>3</sup>
	Language:	GB
	Country of origin:	DE
	Custom tariff no .:	84137075
i	1	

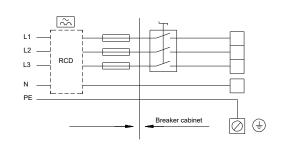


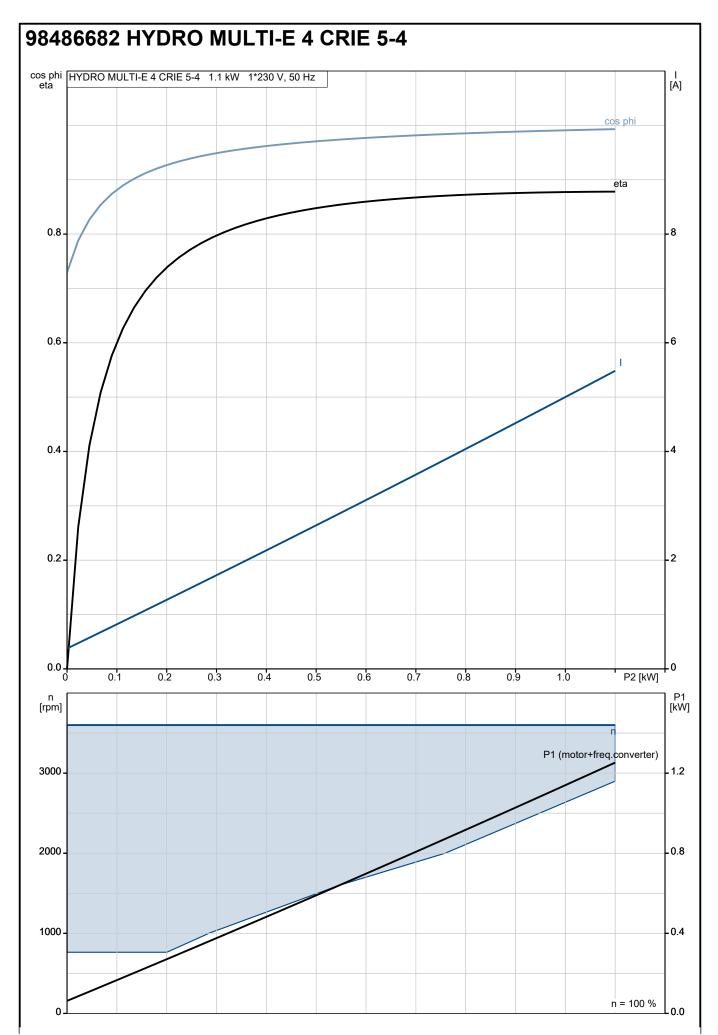
DescriptionValueGeneral information:Product name:HYDRO MULTI-E 4 CRIE 5-4Product No:98486682EAN number:5711495953492Technical:5711495953492Max flow:40.8 m³/hMin flow system:0.69 m³/hHead max:39 mPump name:CRIE 5-4Number of pumps:4Materials:Pump housing:Stainless steelManifolds:Stainless steelInstallation:10 barFlange standard:DIN ISO 7/1Manifold inlet:R 2 1/2Manifold outlet:R 2 1/2Liquid:Water
Product name:HYDRO MULTI-E 4 CRIE 5-4Product No:98486682EAN number:5711495953492Technical:98486682Max flow:40.8 m³/hMin flow system:0.69 m³/hHead max:39 mPump name:CRIE 5-4Number of pumps:4Materials:Pump housing:Stainless steelMaximum operating pressure:10 barMaximum permissible inlet pressure:PN 10 barFlange standard:DIN ISO 7/1Manifold outlet:R 2 1/2Liquid:Pumped liquid:WaterWater
Product No:98486682EAN number:5711495953492Technical:Max flow:40.8 m³/hMin flow system:0.69 m³/hHead max:39 mPump name:CRIE 5-4Number of pumps:4Materials:Pump housing:Stainless steelManifolds:Stainless steelInstallation:Maximum operating pressure:10 barMaximum permissible inlet pressure:PN 10 barFlange standard:DIN ISO 7/1Manifold outlet:R 2 1/2Liquid:Pumped liquid:Pumped liquid:Water
EAN number:5711495953492EAN number:5711495953492Technical:4Max flow:40.8 m³/hMin flow system:0.69 m³/hHead max:39 mPump name:CRIE 5-4Number of pumps:4Materials:Pump housing:Stainless steelManifolds:Stainless steelInstallation:Maximum operating pressure:10 barMaximum permissible inlet pressure:PN 10 barFlange standard:DIN ISO 7/1Manifold outlet:R 2 1/2Manifold outlet:R 2 1/2Liquid:Pumped liquid:
Technical:Max flow:40.8 m³/hMin flow system:0.69 m³/hHead max:39 mPump name:CRIE 5-4Number of pumps:4Materials:Pump housing:Stainless steelManifolds:Stainless steelInstallation:Maximum operating pressure:10 barMaximum permissible inlet pressure:PN 10 barFlange standard:DIN ISO 7/1Manifold outlet:R 2 1/2Liquid:Pumped liquid:
Max flow:40.8 m³/hMin flow system:0.69 m³/hHead max:39 mPump name:CRIE 5-4Number of pumps:4Materials:Pump housing:Stainless steelManifolds:Stainless steelInstallation:Installation:Maximum operating pressure:10 barMaximum permissible inlet pressure:PN 10 barFlange standard:DIN ISO 7/1Manifold outlet:R 2 1/2Liquid:Pumped liquid:
Min flow system:0.69 m³/hHead max:39 mPump name:CRIE 5-4Number of pumps:4Materials:Pump housing:Stainless steelManifolds:Stainless steelInstallation:Maximum operating pressure:10 barMaximum permissible inlet pressure:PN 10 barFlange standard:DIN ISO 7/1Manifold outlet:R 2 1/2Liquid:Pumped liquid:
Head max:39 mPump name:CRIE 5-4Number of pumps:4Materials:Pump housing:Stainless steelManifolds:Stainless steelInstallation:Maximum operating pressure:10 barMaximum permissible inlet pressure:PN 10 barFlange standard:DIN ISO 7/1Manifold inlet:R 2 1/2Manifold outlet:R 2 1/2Liquid:Pumped liquid:
Pump name:CRIE 5-4Number of pumps:4Materials:Pump housing:Stainless steelManifolds:Stainless steelInstallation:Maximum operating pressure:10 barMaximum permissible inlet pressure:PN 10 barFlange standard:DIN ISO 7/1Manifold inlet:R 2 1/2Manifold outlet:R 2 1/2Liquid:Pumped liquid:
Number of pumps:4Materials:Pump housing:Stainless steelManifolds:Stainless steelInstallation:Installation:Maximum operating pressure:10 barMaximum permissible inlet pressure:PN 10 barFlange standard:DIN ISO 7/1Manifold inlet:R 2 1/2Manifold outlet:R 2 1/2Liquid:Pumped liquid:
Materials:         Pump housing:       Stainless steel         Manifolds:       Stainless steel         Installation:       Installation:         Maximum operating pressure:       10 bar         Maximum permissible inlet pressure:       PN 10 bar         Flange standard:       DIN ISO 7/1         Manifold inlet:       R 2 1/2         Manifold outlet:       R 2 1/2         Liquid:       Pumped liquid:
Pump housing:       Stainless steel         Manifolds:       Stainless steel         Installation:       Installation:         Maximum operating pressure:       10 bar         Maximum permissible inlet pressure:       PN 10 bar         Flange standard:       DIN ISO 7/1         Manifold inlet:       R 2 1/2         Manifold outlet:       R 2 1/2         Liquid:       Pumped liquid:
Manifolds:       Stainless steel         Installation:       Installation:         Maximum operating pressure:       10 bar         Maximum permissible inlet pressure:       PN 10 bar         Flange standard:       DIN ISO 7/1         Manifold inlet:       R 2 1/2         Manifold outlet:       R 2 1/2         Liquid:       Pumped liquid:
Installation:         Maximum operating pressure:       10 bar         Maximum permissible inlet pressure:       PN 10 bar         Flange standard:       DIN ISO 7/1         Manifold inlet:       R 2 1/2         Manifold outlet:       R 2 1/2         Liquid:       Pumped liquid:
Maximum operating pressure:       10 bar         Maximum permissible inlet pressure:       PN 10 bar         Flange standard:       DIN ISO 7/1         Manifold inlet:       R 2 1/2         Manifold outlet:       R 2 1/2         Liquid:       Pumped liquid:
Maximum permissible inlet pressure:       PN 10 bar         Flange standard:       DIN ISO 7/1         Manifold inlet:       R 2 1/2         Manifold outlet:       R 2 1/2         Liquid:       Pumped liquid:
Flange standard:     DIN ISO 7/1       Manifold inlet:     R 2 1/2       Manifold outlet:     R 2 1/2       Liquid:     Water
Manifold inlet:     R 2 1/2       Manifold outlet:     R 2 1/2       Liquid:     Pumped liquid:
Manifold outlet: R 2 1/2 Liquid: Pumped liquid: Water
Liquid: Pumped liquid: Water
Pumped liquid: Water
Liquid temperature range: 5 60 °C
Selected liquid temperature: 20 °C
Density: 998.2 kg/m <sup>3</sup>
Electrical data:
IE Efficiency class: IE5
Power (P2) main pump: 1.1 kW
Mains frequency: 50 / 60 Hz
Rated voltage: 3 x 380-415 V
Phase main pump: 1
Rated current: 11.8 A
Start. method: electronically
Enclosure class (IEC 34-5): IP54
Tank:
Volume of pressure tank: 8 I
Diaphragm tank: Yes
Others:
Net weight: 157 kg
Gross weight: 169 kg
Shipping volume: 0.6 m <sup>3</sup>
Language: GB
Country of origin: DE
Custom tariff no.: 84137075



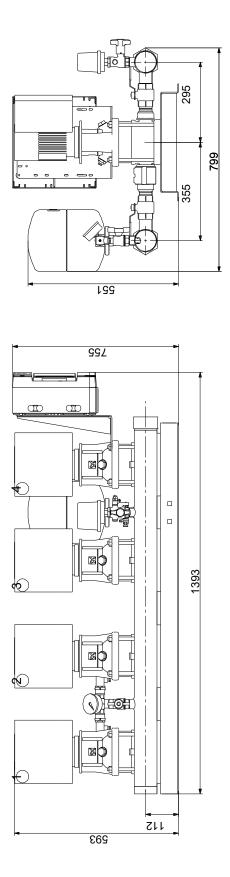




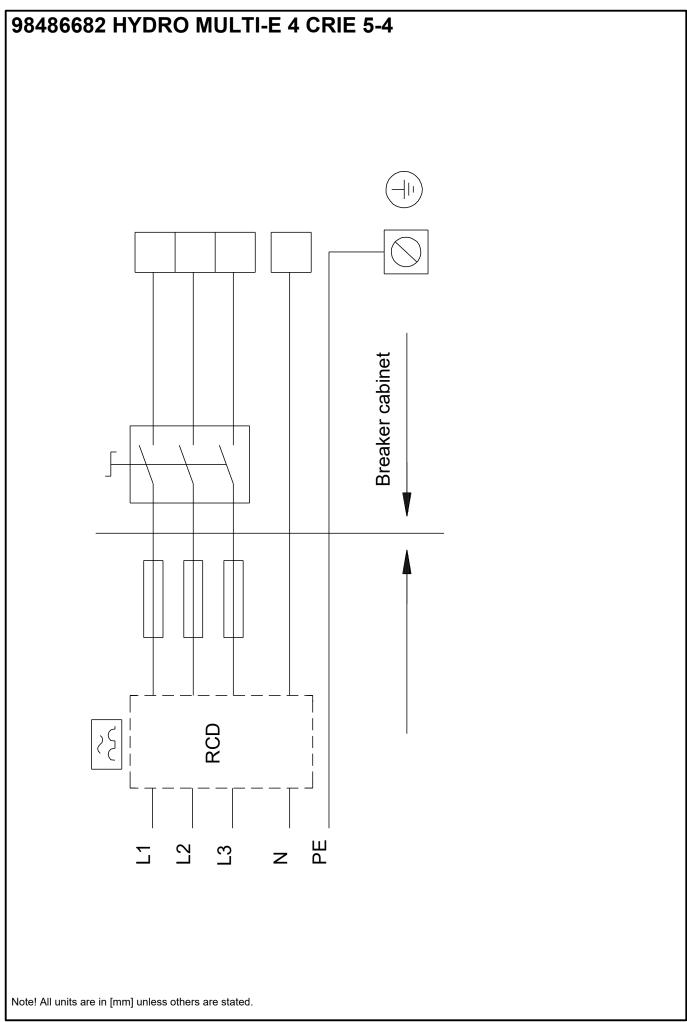




## 98486682 HYDRO MULTI-E 4 CRIE 5-4



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



Order Data:								
Position	Your pos.	Product name	Amount	Product No	Total			
		HYDRO MULTI-E 4 CRIE 5-4	1	98486682	Price or			
					reques			