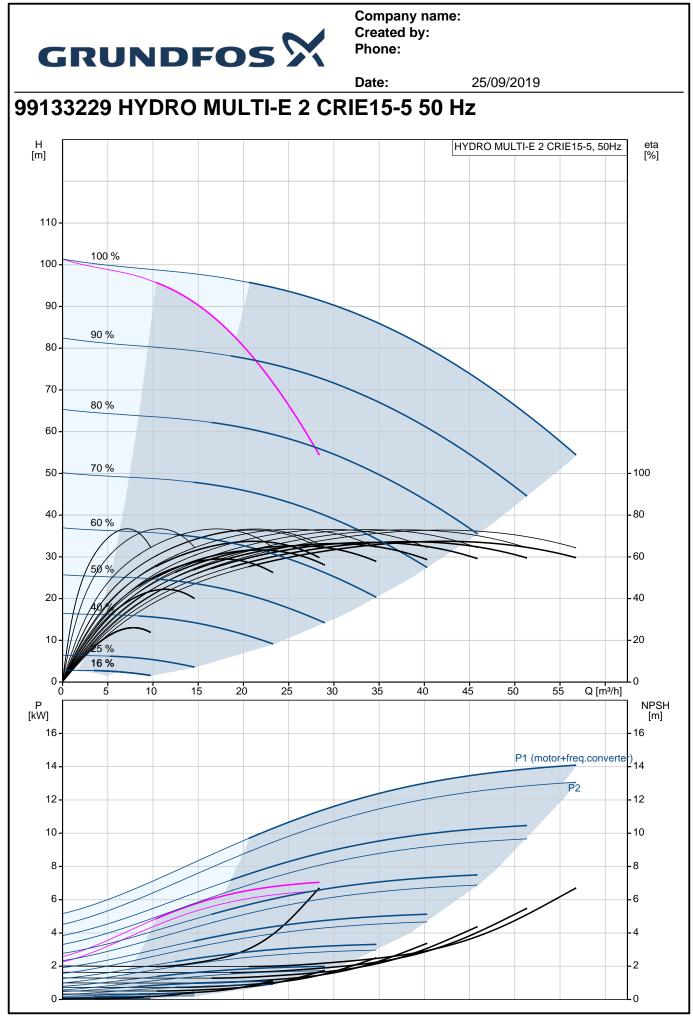
	GRUNDFOS	Company Created by Phone:	
		Date:	25/09/2019
Qty.	Description		
1	HYDRO MULTI-E 2 CRIE15-5		
	Note! Product picture	e may differ from	actual product
	Product No.: 99133229		
	GRUNDFOS Hydro Multi-E booster sets are designed waterworks, blocks of flats, hotels, industry, hospitals GRUNDFOS Hydro Multi-E booster set consists of 2 common base frame provided with all the necessary	, schools, etc. to 4 CRIE pum	
	Hydro Multi-E is mounted on a common base frame r On the suction side are fitted a suction manifold (DIN mounted on a drainable valve and an isolating valve. valve, an isolating valve, a pressure gauge, two press tank and a stainless steel discharge manifold (DIN W The Hydro Multi E is fitted with an an (off awitch for the	WNr. 1.4401 On the dischar sure transmitte Nr. 1.4401 or	or DIN WNr. 1.4571), a pressure switch ge side of the pumps are fitted a non-return rs mounted on a drainable valve a diaphragm DIN WNr. 1.4571).
	The Hydro Multi-E is fitted with an on/off-switch for th	e supply voltag	le.
	The Hydro Multi-E is designed for maintaining a cons	tant pressure r	egardless of flow changes and fluctuation.
	The internal PI-controller regulates the number of run required flow.	ning pumps ar	d the speed of the pumps according to the
	The system can be operated directly on the panel of accessory)	any of the pum	ps or via Grundfos GO (available as
	Besides the system features:		
	2 Digital outputs		
	2 Digital inputs (one used for dry run protection)		
	2 Analogue inputs (one used for discharge pressure s	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 boos	ster set is facto	ry tested and ready for operation.
	Liquid:		
	Pumped liquid: Water		
	Liquid temperature range: 5 60 °C		
	-		



Company name: Created by: Phone:

 		Date:	25/09/2019	
Description				
Selected liquid temperature:	20 °C			
Density at selected liquid tempe				
	0			
Materials:				
Pump housing:	Stainless steel			
Installation: Maximum operating pressure:	16 bar			
Maximum permissible inlet pres				
Flange standard:	DIN2642			
Manifold inlet:	DN 80			
Manifold outlet:	DN 80			
Electrical data:				
IE Efficiency class:	IE5			
Power (P2) main pump:	7.5 kW			
Mains frequency:	50 Hz			
Rated voltage:	3 x 380-415 V			
Rated current: Start. method:	27 A electronically			
Enclosure class (IEC 34-5):	IP54			
	11 54			
Tank:				
Volume of pressure tank:	12			
Diaphragm tank:	Yes			
Others:	OGE ka			
Net weight: Gross weight:	265 kg 322 kg			
Shipping volume:	1.52 m <sup>3</sup>			
Language:	GB			
Country of origin:	GB			
Custom tariff no.:	84137075			



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## Company name: Created by: Phone:

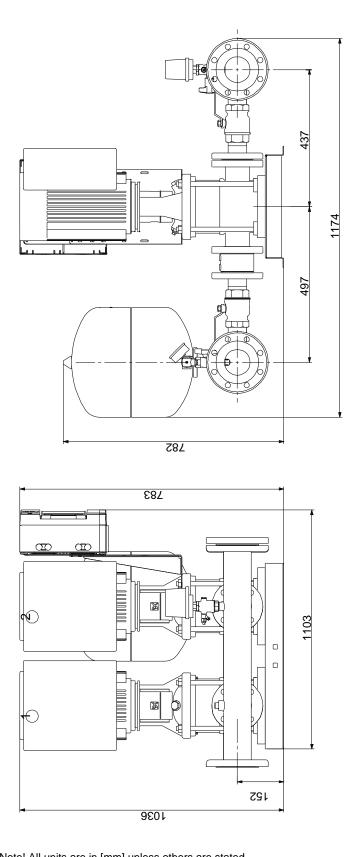
Description       Value         General Information:       HYDRO MULTI-E 2         Product Name:       CRHE15-5         Product Name:       S712607361785         Strictorial:       Min flow system:         Min flow system:       6 m?h         Max Nov:       60 m?h         Head max       102 m         Pump name:       CRHE15-5         Number of pumps:       2         Pump name:       CRHE15-5         Number of pumps:       2         Matrials:       Stainless steel         Installation:       Makimum operating pressure:         Makimum operating pressure:       16 bar         Mainfold couldet:       DN 80         Liquid temperature range:       5 60 °C         Selected liquid temperature:       20 °C         Density at selected liquid temperature:       20 °C         Density at selected liquid temperature:       27 A         Start.method:       electronically         Tank:       You         Volume of pressure tank:       12 1         Diphrage Tank:       You         Volume of pressure tank:       12 1         Diphrage:       15 2 m <sup>3</sup> Diphrage:       15 2 m <sup>3</sup>	Seneral information:         Product name:       CHEI5-5         Product No:       99133229         SAN number:       5712607361785         Forchnical:       60 mVh         Win flow system:       6 mVh         Vask flow:       60 mVh         Head max:       102 m         Pump nousing:       Stainless steel         Vanifolds:       Stainless steel         Vanifolds:       Stainless steel         Vanifolds:       Stainless steel         Vanifolds:       DN 80         Handridd indute:       DN 80         Unumped liquid:       Water         Parge standard:       DN 80         Liquid temperature range:       S. 60 °C         Senterd liquid temperature:       20 So do 15 V         Stain method.       electronically         Electrical data:       Els         Electronical (EC 34-5):       IP54         Tank:       Yes         Others:       Stain method.         Sinds weight:       322 kg         Shoping volume:       15 2 m <sup>2</sup> Sinds weight:       322 kg         Shoping volume:       15 2 m <sup>2</sup> Sinds weight:       322 kg			ii (	· · · · · · · · · · · · · · · · · · ·
Product name: HYDRO MULTI-E 2 CRIET5-5 Product No: 99139229 EAN number: 5712607361785 ST2607361785 Technical: Inflow system: 6 m?h Max flow: 60 m?h Head max: 102 m Pump name: CRIET5-5 Number of pumps: 2 Pump housing: Stainless steel Manifolds: Stainless steel Installation: Maximum operating pressure: Pump housing: Stainless steel Manifold inlet: DN 80 Liquid: Pumped liquid: DIN2642 Manifold inlet: DN 80 Liquid: Humped liquid: Solerations: IE5 Power (P2) man pump: 7.5 kW Mains frequency: S0 Hz Rated voltage: 9.82 kg/m <sup>3</sup> Electrical data: IE Efficiency class: IE5 Power (P2) man pump: 7.5 kW Mains frequency: S0 Hz Rated voltage: 3.3 300-415 V Rated corrent: 27 A Start. method: electronically Enclosure class (IEC 34-5): IP54 Tark: Not weight: 265 kg Gross weight: 25 m <sup>3</sup> Language: GB Custom tariff no.: 84137075	Product name: HYDRO MULTI-E 2 CRIET5-5 Product No: 99139229 EAN number: 5712807361785 5712807361785 Fechnical: Min flow system: 6 m/h Had max: 102 m Pump name: CRIE15-5 Number of pumps: 2 Maritation: Maritation: Stainless steel Maximum pertaing pressure: No 16 bar Maximum pertaing pressure: No 16 bar Maximum pertaing pressure: No 16 bar Maxindud linlet: DN 80 Manifold linlet: DN 80 Manifold linlet: DN 80 Liquid: Tumped liquid: Stainless steel Maxindud linlet: DN 80 Liquid: Tumped liquid: Stainless steel Maxindu voltage: Stainless steel Maxin		Value	H [m]	HYDRO MULTI-E 2 CRIE15-5, 50Hz
Troduct Name i antice. CRE15-5 Product No: 99133229 EAN number: 5712607361785 Fechnical: 5712607361785 Fechnical: 60 m³h Hax flow: 60 m³h Head max: 102 m Pump name: CRE15-5 Waterials: 24 Waterials: 24 Wanifold: Stainless steel Waterials: Stainless steel Waterials: Stainless steel Waterials: Stainless steel Waterials: 9N 16 bar Plange standard: DIN2642 Waterial: DN 80 Lefuid: Portuge convergence Waterials: 988.2 kg/m³ Electrical data: Elefticion y class: 165 Power (P2) main pump: 7.5 kW Wains frequency: 60 Hz Rated voltage: 3 x 380-415 V Rated current: 27 A Start. method: electronically Enclosure class (IEC 34-5): IP54 Fank: Yolume of pressure tank: 12 I Dispharge tank: Yes Ditters: Ves Ditters: Ves Ditters: CRE Sustom taniff no:: 84137075 Start method: 25 kg Shoping volume: 1.52 m³ Language: GB Dividuational Country of origin: GB Dustom taniff no:: 84137075	Through handless is the formation of the set of the se	General information:			
Product No: 99133229 EAN number: 5712607361785 Fechnical: 5712607361785 Fechnical: 6 m%h Max flow: 60 m%h How system: 0 mpp: 2 Pump name: CRIE15-5 Winder of pumps: 2 Pump housing: Stainless steel Maximum permissible inlet pressure: PN 16 bar Maximum operating pressure: PN 16 bar Maximum operatingsible inlet pressure: PN 16 bar Maximum operatingsible inlet pressure: PN 16 bar Maximum operating inlet: DN 80 Liquid: DN 80 Liquid: DN 80 Density at selected liquid demoerature: 20 °C Density at selected liquid demoerature: 20 °C Selected liquid temperature: 20 °C Selected liquid temperature: 20 °C Selected liquid temperature: 20 °C Density at selected liquid emperature: 20 °C Selected liquid emperature: 20 °C Selected liquid emperature: 20 °C Selected liquid emperature: 20 °C Density at selected liquid emperature: 20 °C Selected liquid emperature: 20 °C Selected liquid emperature: 20 °C Selected liquid emperature: 20 °C Selected liquid emperature: 22 °C Selected liquid emperature: 27 Å Selected liquid emperature: 27 Å Selected liquid emperature: 27 Å Selected liquid emperature: 27 Å Selected liquid emperature: 27 Å	Product No: 9913229 EAN number: 6712607361785 Forechnical: feechnical: feechnical: feechnical: feechnical: feedmax: 60 mPh ead max: 102 m Pump name: CRIE15-5 Wumber of pumps: 2 Materials: Pump housing: Stainless steel matilation: Maximum perating pressure: 16 bar Maxindu perating pressure: 16 bar Maxindu perating pressure: 16 bar Maxindu perating pressure: 16 bar Maxindu doutlet: DN 80 Manifold outlet: DN 80 Electrical data: E Efficiency class: E5 Power (P2) man pump: 7.5 kW Master voltage: 3 x 380-115 V Rated voltage: 68 Product range: International Dounty of origin: G8 Dipaging volume: 1, 52 m <sup>3</sup> Languige: Material Start Maximum perions of the start start method: 92 kg Shipping volume: 1, 52 m <sup>3</sup> Languige: G8 Product range: International Dounty of origin: G8 Dipaging volume: 1, 52 m <sup>3</sup> Languige: Material Start Maximum perions of the start start france Sustem tartif no:: 841137075	Product name:	HYDRO MULTI-E 2 CRIE15-5	100 %	
Frechnical:Frechnical:Frechnical:Max flow:60 m³/hHad max:102 mPump name:CRIE15-5Wimber of pumpe:2Pump name:CRIE15-5Wimber of pumpe:2Pump name:CRIE15-5Wimber of pumpe:2Wainfolds:Stainless steelmstallation:It barMaximum operating pressure:PN 16 barPlange standard:DIN2642Wanifold inlet:DN 80Liquid:DN 80Liquid:DN 80Liquid temperature:29 °CDensity at selectal liquid demperature:29 °CDensity at selectal liquid emperature:29 °CDensity at selectal liquid emperature:29 °CSelected liquid emperature:29 °CDensity at selectal liquid emperature:29 °CDensity at selectal liquid emperature:29 °CSelected liquid emperature:27 AStart. method:electronicallyEnclosure class (IEC 24-5):IP54Tank:YesVolume:1.52 m³Sinds weight:322 kgShipping tank:YesDiphragen tank:YesStart. method:6BProduct range:InternationalCountry of origin:GBCustor tange:InternationalCustor tange:InternationalCustor tange:InternationalCustor tange:InternationalCustor tange:	S712607361785Fechnical:6 m?hMax flow:60 m?hHad max:102 mPump name:CRIE15-5Number of pumps:2Pump housing:Stainless steelMaximum operating pressure:16 barMaximum operating pressure:10 barPlange standard:DIN2642Manifold inlet:DN 80Unpud liquid:DIN2642Manifold inlet:DN 80Liquid:DIN2642Manifold inlet:DN 80Liquid:DIN2642Manifold outlet:DN 80Liquid:DIN2642Manifold outlet:DN 80Liquid:DIN2642Manifold outlet:DN 80Liquid:Din2642Manifold outlet:DN 80Liquid:Salacias:Poregr (P2) main pump:7.5 kWMains frequency:60 °CSelected liquid damperature:20 °CDoreity at selectiol liquidelectonicallyEfficiency class:IE5Porter of pressure tank:121Diphragm tank:YesOther s:YesVet weight:255 kgCross weight:322 kgShipping volume:1.52 m³Language:GBPoutury of origin:GBCustom tariff no::84137075	Product No:	99133229	100 -	
Technical:Win flow system:6 m²/hWax flow:60 m²/hHead max:102 mPump name:C RIE 15-5Number of pumps:2Waterials:9Pump housing:Stainless steelWanifold:Stainless steelMainfold folds:Stainless steelMaximum operating pressure:16 barWaximum operating pressure:16 barWaximum operating pressure:PN 16 barPilange standard:DIN2642Wanifold inelt:DN 80LiquidDumped liquid:Ummed liquid temperature:20 °CDensity at selected liquid emperature:20 °CDensity at selected liquid emperature:20 °CSelected liquid temperature:20 °CStart. method:electronicallyEnclosure class:IE5Power (P2) nan pump:7.5 kWMains frequency:50 HzStart. method:electronicallyFiclosure class:IE5Power (P2) nan pump:7.5 kWMains frequency:265 kgStart. method:electronicallyFiclosure class:IE5Power (P2) nans:YesCheres:P64Tark:YesOtheres:68Product range:InternationalCountry of origin:G8Custom tariff no.:84137075Liquid transcLiquid transcLiquid transcKesDiffere:R8Custom tariff no.:8413	Technical:Win flow system:6 m?hWax flow:60 m?hHead max:102 mPump name:C RE 15-5Number of pumps:2Pump housing:Stainless steelMaterials:Pump housing:Mainfold:Stainless steelMainfold:Stainless steelMainfold:Stainless steelMainfold:DIN2642Wanifold outlet:DN 80Umped liquid:WaterLiquid:DN 80Wanifold loutlet:DN 80Liquid:O'CDensity at selected liquid emperature:998.2 kg/m³Electrical data:IE5Electrical data:IE5Electrical data:IE5Electrical data:IE5Dower (P2) main pump:7.5 kWWains frequency:50 HzStart. method:electronicallyEnclosure class:IE5Dower (P2) main tak:Y esVolume of pressure tank:12 IJopharam tank:Y esStart. method:electronicallyCountry of origin:GBCountry of origin:GBCountry of origin:BBCustom tariff no::84137075	EAN number:			
Max flow: Head max: 102 m Pump name: CRE15-5 Number of pumps: 2 Mamfolds: Stainless steel Maxinum operating pressure: Pump housing: Stainless steel Maxinum operating pressure: Pu 16 bar Plage standard: DIN2642 Manifold outlet: DN 80 Liquid: Pumped liquid: Manifold outlet: DN 80 Liquid: Pumped liquid: Pumped liquid: Beletetol qiud temperature: Selected liquid temperature: Electrical data: Eleficiency class: Eleficiency class: Elefici	Max flow: fead max: 102 m Pump name: CRIE15-5 Number of pumps: 2 Warkerials: Pump housing: Stainless steel Maximum operating pressure: Hage standard: DIN2642 Wanifold inite: DN 80 Liquid: Pumped liquid: Water Pumped liquid: Pumped liqu	Technical:	5712607361785	80 -	
Max flow: 60 mV/h Head max: 102 m Pump name: CRE15-5 Number of pumps: 2 Mamifedial: Stainless steel Manifolds: Stainless steel Manifolds: Stainless steel Manifolds: Stainless steel Maximum operating pressure: 16 bar Maximum operating pressure: 16 bar Maximum operating pressure: 16 bar Maximum operating pressure: 10 bar Plange standard: DIN2642 Manifold outlet: DN 80 Liquid temperature range: 5. 60 °C Selected liquid temperature: 20 °C Density at selected fluid t	Wax flow:60 mVh Head max:102 m Pump hance:00 mVh Head max:Head max:102 m Pump hance:102 m CHE15-5Number of pumps:2Materials:Pump housing:Stainless steelPump housing:Stainless steelMaximum operating pressure:16 barMaximum operating pressure:16 barMaximum operating pressure:16 barPlange standard:DiN2642Manifold inite:DN 80Liquid:Water Pumped liquid:Wanifold outlet:DN 80Liquid temperature:20 °CPower (P2) mis stelected liquid emperature:998.2 kg/m³Electrical data:EE Efficiency class:IE5Power (P2) mis stelected liquid emperature:998.2 kg/m³Electrical data:EE Start.121Densis Mated voltage:3 x 380-415 VRated voltage:3 x 380-415 VRated voltage:3 x 380-415 VRated voltage:3 x 22 kgShipping volume:1.52 m³anguage:GBCountry of origin:CBCustom tariff no:84137075	Min flow system:	6 m³/h	70 -	
Head max:102 mPump name:CRIE 15-5Number of pumps:2Waterials:Pump housing:Stainless steelItaliaiton:Watindod::Stainless steelInstallation:Maximum operating pressure:Maximum operating pressure:PN 16 barPlange standard:DIN2642Wanifold outlet:DN 80Jaquid:DN 80Jaquid:DN 80Jaquid:DN 80Jaquid:Base steelPumpel liquid:WaterPumperature range:560 °CSelected liquid temperature:20 °CPonser (P2) main pump:7.5 kWMated voltage:3 x 380-415 VStart method:electronicallyEnclosure class (IEC 34-5):IP54Tank:YesVolume of pressure tank:12 1Diphragm tank:YesWe tweight:265 kgCross weight:322 kgShipping volume:1.52 m³anguage:GBProduct range:InternationalCountry of origin:GBCustom tariff no.:84137075	Head max:       102 m         Pump name:       CRIE 15-5         Winder of pumps:       2         Pump housing:       Stainless steel         Matrials:       Stainless steel         Installation:       Maximum operating pressure:         Maximum operating pressure:       16 bar         Maximum permissible inlet pressure:       PN 16 bar         Flange standard:       DIN2642         Manifold inlet:       DN 80         Manifold inlet:       DN 80         Manifold inlet:       DN 80         Manifold inlet:       DN 80         Liquid:       Water         -unped liquid:       Water         -unped liquid:       Water         -unped liquid:       98.2 kg/m³         Electrical data:       E5         Electronically       98.2 kg/m³         Electronically       Staint. method:         Electronically       Electronically         Enclosure class (IEC 34-5):       IP64         Tark:       Yes         Others:       Sta del voltage:         Vet weight:       265 kg         Story meight:       322 kg         Shipping volume:       1.52 m³         Language:       <	•		80 %	
Pump name: CRIE15-5 Number of pumps: 2 Mamberials: Pump housing: Stainless steel Manifold: Stainless steel Manifold: Stainless steel Maximum operating pressure: 16 bar Maximum permissible inlet pressure: PN 16 bar Plange standard: DIN2642 Manifold outlet: DN 80 Manifold outlet: DN 80 Manifold outlet: DN 80 Manifold inetic: DN 80 Liquid: Dumped liquid: Water E Efficiency class: IE5 Power (P2) main pump: 7.5 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415 V Rated voltage: 4 volta	Pump name: CRIE 15-5 Number of pumps: 2 Number of pumps: 2 Pump housing: Stainless steel Mainfolds: Stainless steel Mainfolds: Stainless steel Maximum operating pressure: 16 bar Maximum operating pressure: PN 16 bar Finge standard: DIN2642 Mainfold outlet: DN 80 Liquid: Pumped liquid: Water Pumped liquid: Water Liquid temperature: 20 °C Density at selected liquid emperature: 20 °C Diters: Hereinational Country of origin: GB Custom tariff no: 84137075 Liquid temperature: 20 °C Density at an emperature: 152 m <sup>3</sup> anguage: GB Custom tariff no: 84137075			60 -	
Only TableOffice 10 Office 10	Only makesOffice 10 OWinder of pumps:2Materials:			50 - 70 %	- 100
Materials:       Stainless steel         Pump housing:       Stainless steel         Manifold:       Stainless steel         Maximum operating pressure:       16 bar         Maximum operating pressure:       16 bar         Plange standard:       DIN2642         Manifold inlet:       DN 80         Liquid:       DN 80         Pumped liquid:       Water         Density at selected liquid temperature:       20 °C         Density at selected liquid temperature:       20 °C         Density at selected liquid:       998.2 kg/m³         Electrical dtat:       EE         Electrical dtat:       EE         Electrical dtat:       EE         Electrical dtat:       EI         Volume of pressure tank:       12 1         Diaphragm tank:       Yee         Others:       GB         Country of origin:       32 kg         Shipping volume:       1.52 m³         Language:       GB         Custom tariff no.:       84137075	Materials:       Pump housing:       Stainless steel         Pump housing:       Stainless steel         Installation:       I6 bar         Maximum operating pressure:       PN 16 bar         Page standard:       DN 2642         Manifold utilet:       DN 80         Liquid temperature:       20 °C         Pounped liquid:       Water         Liquid temperature:       20 °C         Density at selected liquid emperature:       998.2 kg/m³         Electrical data:       El5         Power (P2) min pump:       7.5 kW         Mains frequency:       50 Hz         Rated voltage:       3 x 380-415 V         Rated voltage:       12 1         Diaphragm tank:       Yes         Dibers:       Start, method:         Product range:       GB         Costs weight:       322 kg         Shapingvolume:       1.52 m³        anguage:       GB         Product range:       Internati				
Pump housing: Stainless steel Manifolds: Stainless steel Maximum operating pressure: 16 bar Maximum operating pressure: PN 16 bar Plange standard: DIN2642 Manifold ultet: DN 80 Liquid temperature: DN 80 Liquid temperature range: 560 °C Selected liquid temperature: 20 °C Density at selected liquid gege: 560 °C Selected liquid temperature: 998.2 kg/m <sup>3</sup> Electrical data: Electrical data: Electronically Enclosure class (IEC 34-5): IP54 Tank: Volume of pressure tank: 121 Diaphragm tank: Yes Others: Net weight: 322 kg Shipping volume: 1.52 m <sup>3</sup> Language: GB Product range: International Country of origin: GB Coustom tariff no.: 84137075	Pump housing: Stainless steel Manifold is: Stainless steel Manifold is: Stainless steel Maximum operating pressure: 16 bar Maximum permissible inlet pressure: PN 16 bar Plange standard: DIN2642 Manifold inet: DN 80 Manifold outlet: DN 80 Manifold outlet: DN 80 Manifold outlet: DN 80 Manifold inet preature: 20 °C Density at selected liquid emperature: 3 x 380-415 V Rated voltage: 6B Product range: International Country of origin: GB Coustom tariff no: 84137075		2	40 - 60 %	-80
Churp Turbusing. Stainless steel   Avanifolds: Stainless steel   installation: In bar   Maximum operating pressure: 16 bar   Plange standard: DIN2642   Wanifold outlet: DIN 80   Manifold outlet: DIN 80   Liquid: Water   Jumped liquid: Water   Liquid: Dinzed2   Pumped liquid: Water   Liquid: 998.2 kg/m³   Electrical data: E5   Power (P2) main pump: 7.5 kW   Kated voltage: 3 x 380-415 V   Rated current: 27 A   Electronically electronically   Erclosure class (IEC 34-5): IP54   Tank: Yes   Volume of pressure tank: 121   Diaphragm tank: Yes   Others: GB   Net weight: 322 kg   Shipping volume: 1.52 m³   .anguage: GB   Product range: International   Country of origin: GB   Custom tariff no.: 84137075	The problem of the second sec		04 1 1 4 1	30	60
Installation: Maximum operating pressure: Maximum permissible inlet pressure: PN 16 bar PN 16 bar Plange standard: DIN2642 Pumped liquid: DN 80 Liquid: Dumped liquid: Liquid: Pumped liquid: Liquid: Density at selected liquid temperature: Selected liquid temperature: Sel	installation: Maximum operating pressure: Maximum permissible inlet pressure: PN 16 bar Plange standard: DIN2642 Manifold inlet: DN 80 Liquid: Dumped liquid: Liquid: Dumped liquid: Liquid: Domshit at selected liquid temperature: 20 °C Density at selected liquid: emperature: Electrical data: Electrical data: Electronically Start. method: electronically Start. method: closure class (IEC 34-5): IP54 Tank: Volume of pressure tank: Volume of pressure tank: Volume of pressure tank: Volume of pressure tank: Volume of pressure tank: Net weight: 20 c5 kg Snoss weight: 22 kg Shipping volume: 1.52 m <sup>3</sup> anguage: GB Dustom tariff no: 84137075	· · · · · · · · · · · · · · · · · · ·		50 /50 /2/	
Maximum operating pressure: 16 bar Maximum permissible inlet pressure: PN 16 bar Flange standard: DIN2642 Manifold outlet: DN 80 Liquid: National demonstrative: 20 °C Density at selected liquid g98.2 kg/m <sup>3</sup> Electrical data: Electrical dat	Maximum operating pressure: 16 bar Maximum permissible inlet pressure: PN 16 bar Plange standard: DIN2642 Manifold inlet: DN 80 Liquid: DN 80 Liquid: Water Liquid temperature range: 560 °C Selected liquid temperature: 20 °C Density at selected liquid emperature: 998.2 kg/m <sup>3</sup> Electrical data: Ele Efficiency class: IE5 Power (P2) main pump: 7.5 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415 V Rated voltage: 3 x 280-415 V Rated v		Stainless steel	20 - // 40	40
Maximum operating pressure: In 6 bar Maximum permissible inlet pressure: PN 16 bar Flange standard: DIN2642 Manifold inlet: DN 80 Manifold outlet: DN 80 Liquid: Pumped liquid: Water Liquid temperature: 20 °C Density at selected liquid emperature: 998.2 kg/m <sup>3</sup> Electrical data: Electrical	Maximum permissible inlet pressure: PN 16 bar Plange standard: DIN2642 Manifold inlet: DN 80 Manifold outlet: DN 80 Liquid: Pumped liquid: Unampet range: Selected liquid temperature: Density at selected liquid g98.2 kg/m <sup>3</sup> Electrical data: Electrical data: Electronical ge: Star. method: electronically Folduer ange: Diphrage tank: Volume of pressure tank: Net weight: Cross weight: Star. method: electronically Shopping volume: 1.52 m <sup>3</sup> .anguage: Code Cod				
Maximum permissible inlet pressure: Plange standard: DIN2642 Manifold inlet: DN 80 Liquid: DN 80 Liquid: Water Pumped liquid: Water Liquid temperature range: 560 °C Selected liquid temperature: 20 °C Density at selected liquid 998.2 kg/m <sup>3</sup> Electrical data: Electrical	Maximum permissible inlet pressure: PN 16 bar Flange standard: DIN2642 Wanifold outlet: Liquid: Pumped liquid: Pumped liquid: Pumped liquid temperature: Liquid temperature: Density at selected liquid emperature: Electrical data: Electrical data: Electrical data: Electronically Enclosure class (IEC 34-5): IP54 Tank: Volume of pressure tank: Ves Dthers: Net weight: Starphy volume: 1.52 m <sup>3</sup> Language: Poduct range: Linternational Country of origin: GB Pumped to the set of th	Maximum operating pressure:	16 bar	ZJ 70	20
Manifold inlet: DN 80 Manifold outlet: DN 80 Manifold outlet: DN 80 Liquid temperature range: 560 °C Selected liquid temperature: 20 °C Density at selected liquid emperature: 998.2 kg/m <sup>3</sup> Electrical data: Electrical data: Electrical data: Electrical data: Electrical data: Electronically Sinchosure class (IEC 34-5): IP54 Tank: Yolume of pressure tank: 12 1 Diaphragm tank: Yes Others: Net weight: 265 kg Gross weight: 322 kg Shipping volume: 1.52 m <sup>3</sup> Language: GB Product range: International Country of origin: GB Custom tariff no.: 84137075	Manifold inlet: DN 80 Manifold outlet: DN 80 Liquid coutet: DN 80 Liquid temperature range: 560 °C Selected liquid temperature: 20 °C Density at selected liquid g98.2 kg/m <sup>3</sup> Electrical data: Electrical data: Electrica	Maximum permissible inlet pressure:	PN 16 bar	0 0 10	0 20 30 40 50 Q [m <sup>3</sup> /h]
Manifold inlet: DN 80 Manifold outlet: DN 80 Liquid temperature range: 5 . 60 °C Selected liquid temperature: 20 °C Density at selected liquid temperature: 20 °C Density at selected liquid gene 2 kg/m <sup>3</sup> Electrical data: Electrical data:	Manifold inlet: DN 80 Manifold outlet: DN 80 Liquid coutet: DN 80 Liquid temperature range: 560 °C Selected liquid temperature: 20 °C Density at selected liquid g98.2 kg/m <sup>3</sup> Electrical data: Electrical data: Electrica	Flange standard:	DIN2642	Р	
Manifold outlet: DN 80 Liquid: Pumped liquid: Water Liquid temperature range: 5 60 °C Selected liquid temperature: 20 °C Density at selected liquid temperature: 998.2 kg/m <sup>3</sup> Electrical data: Electrical data: Electri	Manifold outlet: DN 80 Liquid: Pumped liquid: Water Liquid temperature: 20 °C Selected liquid temperature: 20 °C Density at selected liquid emperature: 10 998.2 kg/m <sup>3</sup> Electrical data: Electrical data: E Efficiency class: IE5 Power (P2) main pump: 7.5 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415 V Rated current: 27 A Start. method: electronically Enclosure class (IEC 34-5): IP54 Tank: Volume of pressure tank: 12 I Diaphragm tank: Yes Diaphragm tank: Yes Diaphragm tank: 265 kg Gross weight: 322 kg Shipping volume: 1.52 m <sup>3</sup> Language: GB Product range: International Country of origin: GB Custom tariff no.: 84137075			[((1)] -	
Liquid: Pumped liquid: Water Water Pumped liquid: Water Selected liquid temperature: Selected liquid temperature: 20 °C Density at selected liquid emperature: Bettrical data: Electrical data: Elect	Liquid: Pumped liquid: Liquid temperature range: S60 °C Selected liquid temperature: 20 °C Density at selected liquid emperature: E Efficiency class: E E E E E E E E E E E E E E E E E E E	Manifold outlet:		14 -	
Pumped liquid: Water Liquid temperature range: 560 °C Selected liquid temperature: 20 °C Density at selected liquid temperature: 998.2 kg/m <sup>3</sup> Electrical data: IE Efficiency class: IE5 Power (P2) main pump: 7.5 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415 V Rated current: 27 A Rated voltage: 3 x 380-415 V Rated current: 27 A Start. method: electronically Enclosure class (IEC 34-5): IP54 Tank: Volume of pressure tank: 12 l Diaphragm tank: Yes Others: Net weight: 265 kg Gross weight: 322 kg Shipping volume: 1.52 m <sup>3</sup> Language: GB Product range: International Country of origin: GB Custom tariff no.: 84137075	Pumped liquid: Water Liquid temperature range: 560 °C Selected liquid temperature: 20 °C Density at selected liquid gene 2 kg/m <sup>3</sup> Electrical data: Electrical data: Electrical data: Electrical data: Electrical data: Electrical data: Electrone class: IE5 Power (P2) main pump: 7.5 kW Mains frequency: 50 Hz Rated outrage: 3 x 380-415 V Rated outrage: 121 Diaphragm tank: Yes Others: Net weight: 322 kg Shipping volume: 1.52 m <sup>3</sup> Language: GB Product range: International Country of origin: GB Custom tariff no.: 84137075		Direct	12 -	P2 - 12
Liquid temperature range: 5 60 °C Selected liquid temperature: 20 °C Density at selected liquid temperature: 998.2 kg/m <sup>3</sup> Electrical data: El Efficiency class: EE5 Power (P2) main pump: 7.5 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415 V Rated voltage: 3 x 380-415 V Rated voltage: 3 x 380-415 V Rated courter: 27 A Start. method: electronically Enclosure class (IEC 34-5): IP54 Tank: Volume of pressure tank: 12 I Diaphragm tank: Yes Others: Net weight: 265 kg Gross weight: 322 kg Shipping volume: 1.52 m <sup>3</sup> Language: GB Product range: International Country of origin: GB Custom tariff no.: 84137075	Liquid temperature range: 5 60 °C Selected liquid temperature: 20 °C Density at selected liquid emperature: 998.2 kg/m <sup>3</sup> Electrical data: E Efficiency class: IE5 Power (P2) main pump: 7.5 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415 V Rated current: 27 A Start. method: electronically Enclosure class (IEC 34-5): IP54 Tank: Volume of pressure tank: 12 I Diaphragm tank: Yes Others: Net weight: 265 kg Gross weight: 322 kg Shipping volume: 1.52 m <sup>3</sup> anguage: GB Product range: International Country of origin: GB Custom tariff no.: 84137075		Wator	10-	- 10
Selected liquid temperature: 20 °C Density at selected liquid generature: 998.2 kg/m <sup>3</sup> Electrical data: Electrical d	Selected liquid temperature: 20 °C   Density at selected liquid 998.2 kg/m³   Electrical data: 998.2 kg/m³   E Efficiency class: IE5   Power (P2) main pump: 7.5 kW   Mains frequency: 50 Hz   Rated voltrage: 3 x 380-415 V   Rated voltrage: 12 I   Diaphragm tank: Yes   Others: Ves   Net weight: 265 kg   Gross weight: 322 kg   Shipping volume: 1.52 m³   _anguage: GB   Product range: International   Country of origin: GB   Custom tariff no.: 84137075			8-	-8
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temperature: 996.2 kg/m <sup>P</sup> Electrical data: Electrical data: Ele Efficiency class: IE5 Power (P2) main pump: 7.5 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415 V Rated current: 27 A Start. method: electronically Enclosure class (IEC 34-5): IP54 Tank: Volume of pressure tank: 12 I Diaphragm tank: Yes Others: Net weight: 265 kg Gross weight: 322 kg Shipping volume: 1.52 m <sup>3</sup> Language: GB Product range: International Country of origin: GB Custom tariff no.: 84137075	iemperature: 990.2 kg/m²   Electrical data:   E Efficiency class:   IE5   Power (P2) main pump:   7.5 kW   Mains frequency:   50 Hz   Rated voltage:   3 x 380-415 V   Rated current:   27 A   Start. method:   electronically   Enclosure class (IEC 34-5):   IP54   Tank:   Volume of pressure tank:   12 I   Diaphragm tank:   Yes   Others:   Net weight:   265 kg   Gross weight:   322 kg   Shipping volume:   1.52 m³   .anguage:   GB   Custom tariff no.:   B4137075		20 °C		
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Power (P2) main pump: 7.5 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415 V Rated current: 27 A Start. method: electronically Enclosure class (IEC 34-5): IP54 Tank: Volume of pressure tank: 12 I Diaphragm tank: Yes Others: Net weight: 265 kg Gross weight: 322 kg Shipping volume: 1.52 m <sup>3</sup> Language: GB Product range: International Country of origin: GB Custom tariff no.: B4137075	Power (P2) main pump: 7.5 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415 V Rated current: 27 A Start. method: electronically Enclosure class (IEC 34-5): IP54 Tank: Volume of pressure tank: 12 I Diaphragm tank: Yes Others: Net weight: 265 kg Shipping volume: 1.52 m <sup>3</sup> Language: GB Product range: International Country of origin: GB Custom tariff no.: B4137075 Heref I and Country of origin: Custom tariff no.: B4137075	Electrical data:		0	
Note (F2) finant pump.       1.5 KW         Mains frequency:       50 Hz         Rated voltage:       3 x 380-415 V         Rated current:       27 A         Start. method:       electronically         Enclosure class (IEC 34-5):       IP54         Tank:       Yes         Volume of pressure tank:       12 l         Diaphragm tank:       Yes         Others:       Stat 265 kg         Shipping volume:       1.52 m³         Language:       GB         Product range:       International         Country of origin:       GB         Custom tariff no.:       84137075	Gower (P) Final Pump.   Mains frequency: 50 Hz   Rated voltage: 3 x 380-415 V   Rated voltage: 27 A   Start. method: electronically   Enclosure class (IEC 34-5): IP54   Tank: Volume of pressure tank:   Volume of pressure tank: 12 l   Diaphragm tank: Yes   Others:	IE Efficiency class:	IE5		
Rated voltage: 3 x 380-415 V Rated current: 27 A Start. method: electronically Enclosure class (IEC 34-5): IP54 Tank: Volume of pressure tank: 12 I Diaphragm tank: Yes Others: Net weight: 265 kg Gross weight: 322 kg Shipping volume: 1.52 m <sup>3</sup> Language: GB Product range: International Country of origin: GB Custom tariff no.: 84137075	Rated voltage: 3 x 380-415 V Rated current: 27 A Start. method: electronically Enclosure class (IEC 34-5): IP54 Tank: Volume of pressure tank: 12 I Diaphragm tank: Yes Others: Net weight: 265 kg Gross weight: 322 kg Shipping volume: 1.52 m <sup>3</sup> Language: GB Product range: International Country of origin: GB Custom tariff no.: GB Custom tariff no.: B4137075	Power (P2) main pump:	7.5 kW		
Rated voltage: 3 x 380-415 V Rated current: 27 A Start. method: electronically Enclosure class (IEC 34-5): IP54 Tank: Volume of pressure tank: 12 I Diaphragm tank: Yes Others: Net weight: 265 kg Gross weight: 322 kg Shipping volume: 1.52 m <sup>3</sup> Language: GB Product range: International Country of origin: GB Custom tariff no.: 84137075	Rated voltage: 3 x 380-415 V Rated current: 27 A Start. method: electronically Enclosure class (IEC 34-5): IP54 Tank: Volume of pressure tank: 12 I Diaphragm tank: Yes Others: Net weight: 265 kg Gross weight: 322 kg Shipping volume: 1.52 m <sup>3</sup> Language: GB Product range: International Country of origin: GB Custom tariff no.: GB Custom tariff no.: B4137075	Mains frequency:	50 Hz		
Rated current: 27 A   Start. method: electronically   Enclosure class (IEC 34-5): IP54   Tank: Volume of pressure tank:   Volume of pressure tank: 12 I   Diaphragm tank: Yes   Others: Yes   Net weight: 265 kg   Gross weight: 322 kg   Shipping volume: 1.52 m³   Language: GB   Product range: International   Country of origin: GB   Custom tariff no.: 84137075	Rated current: 27 A Start. method: electronically Enclosure class (IEC 34-5): IP54 Tank: Volume of pressure tank: 12 I Diaphragm tank: Yes Others: Net weight: 265 kg Gross weight: 322 kg Shipping volume: 1.52 m³ Language: GB Product range: International Country of origin: GB Custom tariff no.: B4137075	Rated voltage:	3 x 380-415 V		╤┉┉┰┰╢═╧╝╎╴╎(╴┊╴)╴╘╢╷║║╢╟┰┱╴┘
Start. method: electronically   Enclosure class (IEC 34-5): IP54   Tank: Volume of pressure tank:   Volume of pressure tank: 12 I   Diaphragm tank: Yes   Others: Yes   Net weight: 265 kg   Gross weight: 322 kg   Shipping volume: 1.52 m³   Language: GB   Product range: International   Country of origin: GB   Custom tariff no.: 84137075	Start. method: electronically   Enclosure class (IEC 34-5): IP54   Tank: Volume of pressure tank:   Volume of pressure tank: 12 l   Diaphragm tank: Yes   Others: Yes   Net weight: 265 kg   Gross weight: 322 kg   Shipping volume: 1.52 m³   Language: GB   Product range: International   Country of origin: GB   Custom tariff no.: 84137075		27 A		
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Others:         Net weight:       265 kg         Gross weight:       322 kg         Shipping volume:       1.52 m³         Language:       GB         Product range:       International         Country of origin:       GB         Custom tariff no.:       84137075	Others:         Net weight:       265 kg         Gross weight:       322 kg         Shipping volume:       1.52 m³         Language:       GB         Product range:       International         Country of origin:       GB         Custom tariff no.:       84137075         Language:       Eliptic formational         Language:       PE	-			1174
Net weight:       265 kg         Gross weight:       322 kg         Shipping volume:       1.52 m³         Language:       GB         Product range:       International         Country of origin:       GB         Custom tariff no.:       84137075         L1       HFI/FI         L2       HFI/FI         L3       L1	Net weight: 265 kg Gross weight: 322 kg Shipping volume: 1.52 m <sup>3</sup> Language: GB Product range: International Country of origin: GB Custom tariff no.: 84137075		res		
Gross weight: 322 kg Shipping volume: 1.52 m <sup>3</sup> Language: GB Product range: International Country of origin: GB Custom tariff no.: 84137075	Gross weight: 322 kg Shipping volume: 1.52 m <sup>3</sup> Language: GB Product range: International Country of origin: GB Custom tariff no.: 84137075		005.1		
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Country of origin: GB Custom tariff no.: 84137075	Country of origin: GB Custom tariff no.: 84137075				
Custom tariff no.: 84137075	Custom tariff no.: 84137075		International		
		Country of origin:	GB		
		Custom tariff no.:	84137075		
	Control cabinet			L2 HFI/FI L3	



Company name: Created by: Phone:

25/09/2019

## 99133229 HYDRO MULTI-E 2 CRIE15-5 50 Hz



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

