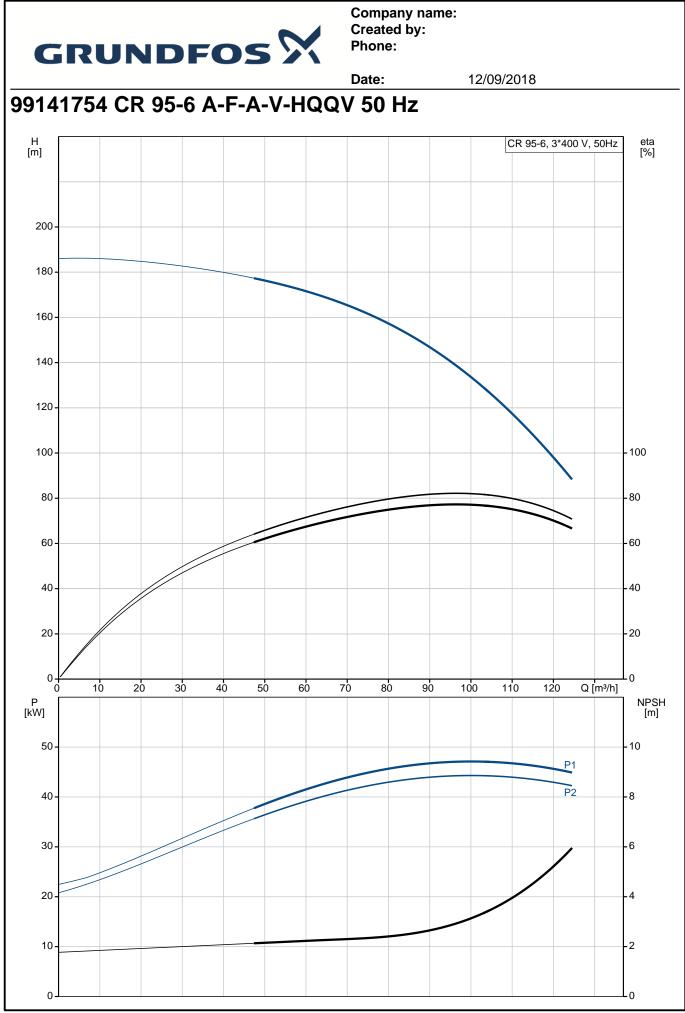
		UNDFOS		Company Created by Phone:		
G		UNDFUS		Date:	12/09/201	8
Position	Qty.	Description				
	1	CR 95-6 A-F-A-V-HQQV				
		Product No.: 99141754				
		Vertical, multistage centrifugal p enabling installation in a horizon other wetted parts are in stainles handling, easy access and servi	ss steel. Th ce.	e Grundfos ca	artridge shaft seal er	nsures high reliability, safe
		Power transmission is via a rigid	split coupli	ng. Pipework	connection is via DI	N flanges.
		The pump is fitted with a 3-phase	e, fan-coole	ed asynchrono	ous motor.	
		Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during opera Density:	Water -20 90 °(tion: 20 °(998.2 kg/r)		
		Technical: Rated flow: Rated head: Pump orientation: Shaft seal arrangement: Code for shaft seal: Curve tolerance:	95 m ³ /h 140.5 m Vertical Single HQQV ISO9906:2	2012 3B		
		Materials: Base: Impeller: Bearing: Support bearing: Material certified according to:	Ductile ca EN 1563 E Stainless EN 1.4301 WC/WC Graflon European	EN-GJS-500-7 steel	,	
		Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temp: Type of connection: Size of inlet connection: Size of outlet connection: Pressure rating for pipe connect Flange size for motor:	25 bar 25 bar / 9 DIN DN 100 DN 100			
		Electrical data: Motor standard: Motor type: IE Efficiency class: Rated power - P2:	IEC SIEMENS IE3 45 kW			



Company name: Created by: Phone:

Position Other (P2) required by pump: 45 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-420D/660-725Y V Rated current: 81,0-74,0/47,0-43,0 A Starting current: 690-690 % Cos phi - power factor: 0.89 Rated speed: 2960 rpm Efficiency at full load: 94.5-94.0 % Motor efficiency at 1/2 load: 94.4-94.4 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 35): F Controls: Frequency converter: Not prepared for VFD Others: Net weight: 480 kg Gross weight: 611 kg Shiping volume: 1.41 m ³ Thrust handling device: N Approvals: CE, EAC, ACS, WRAS Country of origin: GB Custom tariff no.: 84137075	
Mains frequency:50 HzRated voltage:3 x 380-420D/660-725Y VRated current:81,0-74,0/47,0-43,0 AStarting current:690-690 %Cos phi - power factor:0.89Rated speed:2960 rpmEfficiency:IE3 94,0%Motor efficiency at full load:94.0-94.0 %Motor efficiency at 3/4 load:94.5-94.5 %Motor efficiency at 1/2 load:94.4-94.4 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FOthers:Net weight:480 kgGross weight:611 kgShipping volume:1.41 m³Thrust handling device:NApprovals:CE, EAC, ACS, WRASCountry of origin:GB	
Rated voltage:3 x 380-420D/660-725Y VRated current:81,0-74,0/47,0-43,0 AStarting current:690-690 %Cos phi - power factor:0.89Rated speed:2960 rpmEfficiency:IE3 94,0%Motor efficiency at full load:94.0-94.0 %Motor efficiency at 1/2 load:94.5-94.5 %Motor efficiency at 1/2 load:94.4-94.4 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FControls:Frequency converter:Frequency converter:Not prepared for VFDOthers:1.41 m³Thrust handling device:NApprovals:CE, EAC, ACS, WRASCountry of origin:GB	
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Insulation class (IEC 85): F Controls: Frequency converter: Not prepared for VFD Others: Net weight: 480 kg Gross weight: 611 kg Shipping volume: 1.41 m ³ Thrust handling device: N Approvals: CE, EAC, ACS, WRAS Country of origin: GB	
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Thrust handling device: N Approvals: CE, EAC, ACS, WRAS Country of origin: GB	
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Country of origin: GB	



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Company name: Created by: Phone:

		н		CR 95-6, 3*400	
Description	Value	[m]		UK 93-6, 3"400	v, 50HZ
General information:		_			
Product name:	CR 95-6 A-F-A-V-HQQV	200 -			
Product No:	99141754	200			
EAN number:	5712607527518	180 -			
Technical:					
Rated flow:	95 m³/h	160 -			
Rated head:	140.5 m	140			
Stages:	6	140 -			
Impellers:	6	120 -			
Low NPSH:	Ν				
Pump orientation:	Vertical	100 -			
Shaft seal arrangement:	Single				
Code for shaft seal:	HQQV	80 -			
Curve tolerance:	ISO9906:2012 3B				\mathbf{i}
Pump version:	A	60 -			
Model:	A	40 -			
Cooling:	A IC 411				
Materials:	10 411	20-			
	Dustile asst iron				
Base:	Ductile cast iron	0) 40 60	80 100	Q [m³/h]
	EN 1563 EN-GJS-500-7	Р	, -0 00	00 100	
Impeller:	Stainless steel	[kW]			
	EN 1.4301	50 -			P1
Material code:	А	40 -			P2
Code for rubber:	V	40 -			P2 -
Bearing:	WC/WC	30 -			
Support bearing:	Graflon				
Material certified according to:	European standards	20-		/	
Installation:					
Maximum ambient temperature:	55 °C	10 -			-
Maximum operating pressure:	25 bar				
Max pressure at stated temp:	25 bar / 90 °C	0			
Type of connection:	DIN				
Size of inlet connection:	DN 100				
Size of outlet connection:	DN 100				
Pressure rating for pipe connection:	PN 25/40				
Flange size for motor:	FF400				
Connect code:	F				
Liquid:	1				
-	Wator				
Pumped liquid:	Water				
Liquid temperature range:	-20 90 °C				
Liquid temperature during operation:	20 °C				
Density:	998.2 kg/m ³				
Electrical data:					
Motor standard:	IEC				
Motor type:	SIEMENS				
IE Efficiency class:	IE3				
Rated power - P2:	45 kW				
Power (P2) required by pump:	45 kW				
Mains frequency:	50 Hz				
Rated voltage:	3 x 380-420D/660-725Y V				
Rated current:	81,0-74,0/47,0-43,0 A				
Starting current:	690-690 %				
Cos phi - power factor:	0.89				
Rated speed:	2960 rpm				
Efficiency:	-				
	IE3 94,0%				
Motor efficiency at full load: Motor efficiency at 3/4 load:	94.0-94.0 % 94.5-94.5 %				



Company name: Created by: Phone:

		Date:	12/09/2018
Description	Value		
Number of poles:	2	_	
Enclosure class (IEC 34-5):	55 Dust/Jetting		
Insulation class (IEC 85):	F		
Motor protec:	PTC		
Motor No:	81U15336		
Controls:			
Frequency converter:	Not prepared for VFD		
Others:			
Net weight:	480 kg		
Gross weight:	611 kg		
Shipping volume:	1.41 m³		
Thrust handling device:	Ν		
Approvals:	CE, EAC, ACS, WRAS		
Country of origin:	GB		
Custom tariff no .:	84137075		

