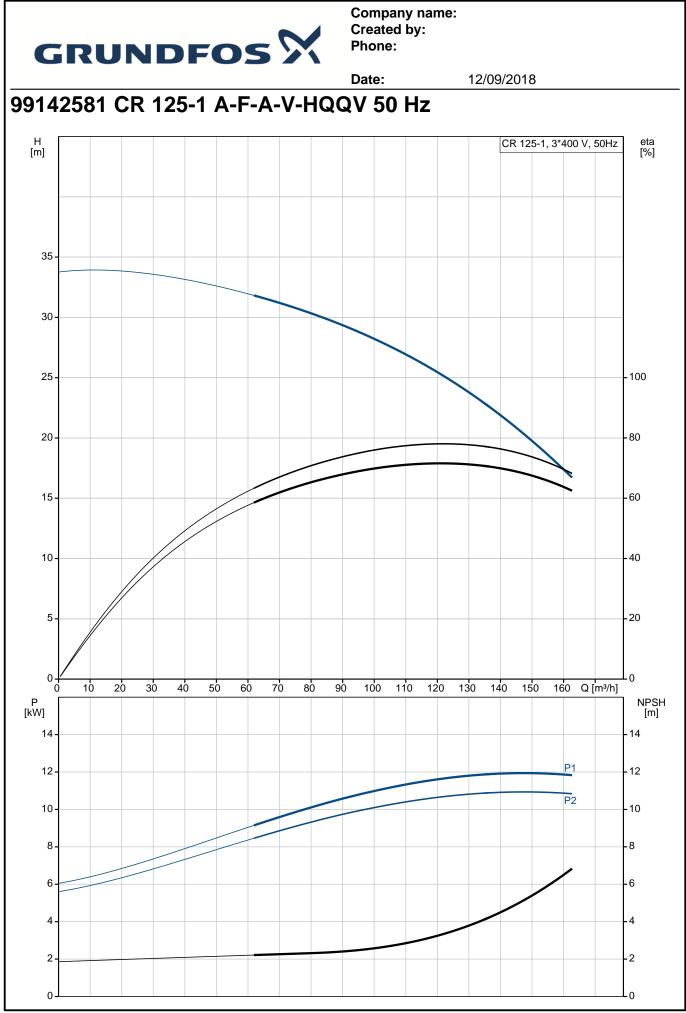
				Company Created by				
		UNDFOS	\mathbf{X}	Phone:				
				Date:	1'	2/09/2018		
Position	Qty.	Description		Date.		2/03/2010		
	1	CR 125-1 A-F-A-V-HQQV						
		Product No.: 99142581						
		handling, easy access and servi	tal one-pipe ss steel. The ce.	system. The Grundfos ca	pump hea artridge sha	d and base are in cast iron – all ft seal ensures high reliability, safe		
		Power transmission is via a rigid split coupling. Pipework connection is via DIN flanges.						
	The pump is fitted with a 3-phase, fan-cooled asynchronous motor.							
		Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during opera Density:	Water -20 90 °C tion: 20 °C 998.2 kg/m					
		Technical: Rated flow: Rated head: Pump orientation: Shaft seal arrangement: Code for shaft seal: Curve tolerance:	125 m³/h 24.7 m Vertical Single HQQV ISO9906:20	012 3B				
		Materials: Base: Impeller: Bearing: Support bearing: Material certified according to:	Ductile cast EN 1563 EI Stainless st EN 1.4301 WC/WC Graflon European s	N-GJS-500-7 æel	7			
		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:	16 bar 16 bar / 90 DIN DN 150 DN 150	°C				
		Electrical data: Motor standard: Motor type: IE Efficiency class: Rated power - P2:	IEC 160MB IE3 11 kW					



Company name: Created by:

		UNDFOS	Date:	12/09/2018
ition	Qty.	Description		
		Power (P2) required by pump: Mains frequency: Rated voltage: Rated current: Starting current:	11 kW 50 Hz 3 x 380-415D/660-690Y V 20,8-19,8/12,0-11,8 A 660-780 %	
		Cos phi - power factor: Rated speed: Efficiency: Motor efficiency at full load: Motor efficiency at 3/4 load:	0.88-0.84 2940-2950 rpm IE3 91,2% 91.2-91.2 % 91.8 %	
		Motor efficiency at 1/2 load: Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85):	91.3 % 2 55 Dust/Jetting F	
		Controls: Frequency converter:	Not prepared for VFD	
		Others: Net weight: Gross weight:	233 kg 283 kg	
		Shipping volume: Thrust handling device: Approvals: Country of origin:	0.928 m³ N CE, EAC, ACS, WRAS DK	
		Custom tariff no.:	84137075	





Company name: Created by: Phone:

		н		CD 405 4	3*400 \/ FOUL	<u>م</u> ٦
Description	Value	[m]		UK 125-1,	3*400 V, 50Hz	Ē
General information:						
Product name:	CR 125-1 A-F-A-V-HQQV					
Product No:	99142581					
EAN number:	5712607540791	35 -				
Price:	4.804,00 GBP					
Technical:	4.004,00 001	30 -				
Rated flow:	125 m³/h					
						1.00
Rated head:	24.7 m	25 -				- 100
Stages:	1					
Impellers:	1	20 -				- 80
Low NPSH:	Ν					
Pump orientation:	Vertical	15 -				60
Shaft seal arrangement:	Single	'3				00
Code for shaft seal:	HQQV					1
Curve tolerance:	ISO9906:2012 3B	10-				- 40
Pump version:	A					
Model:	A	5-				20
Cooling:	IC 411					
Materials:						
	Ductile cast iron	0 <u>/</u> 0 20	40 60 80	100 120	40 Q [m³/h]	T ⁰
Base:		P [kW]] N
lease alla es	EN 1563 EN-GJS-500-7	[kW]				- '
Impeller:	Stainless steel	10			P1	40
	EN 1.4301	12 -				- 12
Material code:	A	10 -			P2	- 10
Code for rubber:	V	8-				- 8
Bearing:	WC/WC	°]				
Support bearing:	Graflon	6-				-6
Material certified according to:	European standards	4 -				-4
Installation:	•					
Maximum ambient temperature:	60 °C	2				-2
Maximum operating pressure:	16 bar	0				Lo
Max pressure at stated temp:	16 bar / 90 °C DIN					
Type of connection:						
Size of inlet connection:	DN 150					
Size of outlet connection:	DN 150					
Pressure rating for pipe connection:	PN 16					
Flange size for motor:	FF300					
Connect code:	F					
Liquid:						
Pumped liquid:	Water					
Liquid temperature range:	-20 90 °C					
Liquid temperature during operation:	20 °C					
Density:	998.2 kg/m ³					
Electrical data:						
	IEC					
Motor standard:	IEC					
Motor type:	160MB					
IE Efficiency class:	IE3					
Rated power - P2:	11 kW					
Power (P2) required by pump:	11 kW					
Mains frequency:	50 Hz					
Rated voltage:	3 x 380-415D/660-690Y V					
Rated current:	20,8-19,8/12,0-11,8 A					
Starting current:	660-780 %					
Cos phi - power factor:	0.88-0.84					
Rated speed:						
	2940-2950 rpm					
Efficiency:	IE3 91,2%					
Motor efficiency at full load:	91.2-91.2 %					
Motor efficiency at 3/4 load:	91.8 %					



Company name: Created by: Phone:

		Date:	12/09/2018	
Description	Value			
Motor efficiency at 1/2 load:	91.3 %	_		
Number of poles:	2			
Enclosure class (IEC 34-5):	55 Dust/Jetting			
Insulation class (IEC 85):	F			
Motor protec:	PTC			
Motor No:	85U17524			
Controls:				
Frequency converter:	Not prepared for VFD			
Others:				
Net weight:	233 kg			
Gross weight:	283 kg			
Shipping volume:	0.928 m³			
Thrust handling device:	Ν			
Approvals:	CE, EAC, ACS, WRAS			
Country of origin:	DK			
Custom tariff no .:	84137075			

