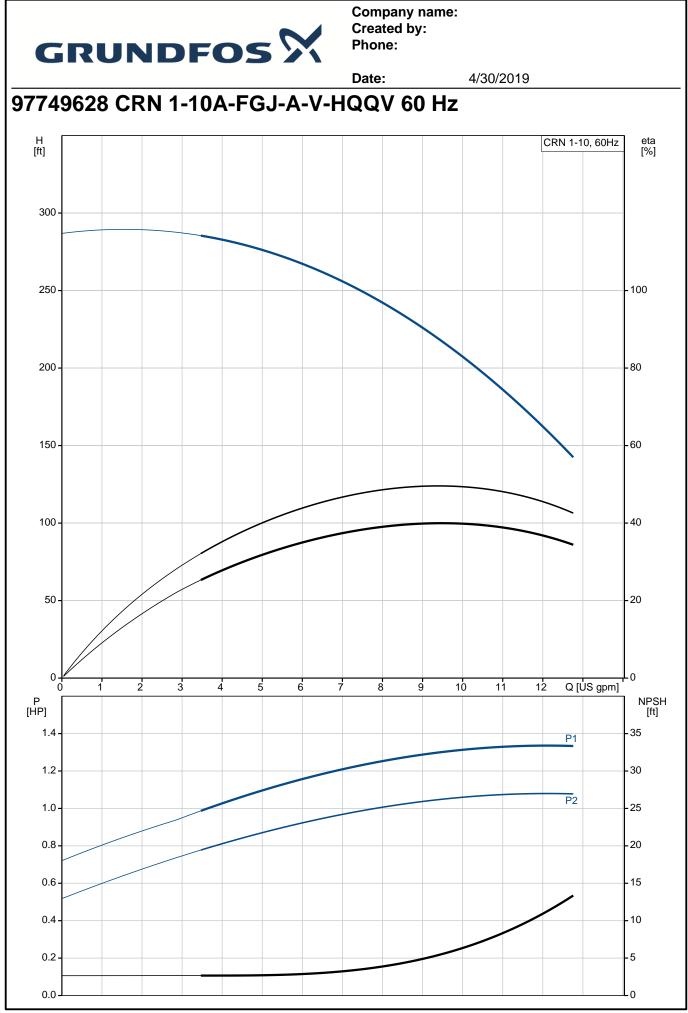
C	RUNDFO	sX	Company name: Created by: Phone:	
			Date:	4/30/2019
Count	Description			
1	CRN 1-10A-FGJ-A-V-HQQV			
	Product No.: 97749628 Vertical, non-self-priming, multis centrifugal pump for installation and mounting on a foundation.			
	The pump has the following chan - Impellers, intermediate chan sleeve are made of - Pump head cover and ba	nambers and outer se are made of		
	 The shaft seal has assem according to EN 12756. Power transmission is via coupling. flanges/couplings. 			
	The motor is a 3-phase AC moto	or.		
	Controls: Frequency converter:	NONE		
	Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density:	Water -4 194 °F 68 °F 62.29 lb/ft ³		
	Technical: Rated pump speed: Rated flow: Rated head: Pump orientation: Shaft seal arrangement: Code for shaft seal: Approvals on nameplate: Curve tolerance:	3484 rpm 9.69 US gpm 207.7 ft Vertical Single HQQV CURUS ISO9906:2012 3B		
	Materials: Base:	Stainless steel		
	Impeller:	EN 1.4408 AISI 316 Stainless steel EN 1.4401 AISI 316		
	Bearing:	SIC		
	Installation: Maximum ambient temperature: Maximum operating pressure:	140 °F 362.59 psi		



Company name: Created by: Phone:

Description		
Max pressure at stated temperative	ature: 363 psi / 194 °F 363 psi / -4 °F	
Type of connection:	DIN / ANSI / JIS	
Size of inlet connection:	DN 25/32	
Size of suction port:	1 1/4 inch	
Size of outlet connection:	DN 25/32	
Size of outlet port:	1 1/4 inch	
Pressure rating for pipe connect		
Flange rating inlet:	300 lb	
Flange size for motor:	56C	
riange size for motor.	300	
Electrical data:		
Motor standard:	NEMA	
Motor type:	80CA	
IE Efficiency class:	NEMA Premium / IE3 60Hz	
Rated power - P2:	1.5 HP	
Power (P2) required by pump:		
Main frequency:	60 Hz	
Rated voltage:	3 x 208-230YY/460Y V	
Service factor:	1.15	
Rated current:	4,45-4,3/2,16 A	
Starting current:	720 %	
Cos phi - power factor:	0.84-0.78	
Rated speed:	3440-3480 rpm	
IE efficiency:	IE3 84,1%	
Motor efficiency at full load:	84.9 %	
Motor efficiency at 3/4 load:	81.0 %	
Motor efficiency at 1/2 load:	78.5 %	
Number of poles:	2	
Enclosure class (IEC 34-5):	55 Dust/Jetting	
Insulation class (IEC 85):	F	
Motor Number:	98976607	
Othere		
Others: Net weight:	58.4 lb	
Gross weight:	69.4 lb	
Shipping volume:	6.11 ft³ US	
Country of origin: Custom tariff no.:	8413.70.2040	
Custom tanii no.:	8413.70.2040	





Company name: Created by: Phone:

		Date:	4/30/201	9	
Description	Value	H [ft]		CRN 1-10, 60Hz	eta [%
General information:					
Product name:	CRN 1-10A-FGJ-A-V-HQQV	300 -			
Product No.:	97749628				
EAN:	5710623715650	250 -			- 100
Technical:		_			
Rated pump speed:	3484 rpm	-			
Rated flow:	9.69 US gpm	200 -			- 80
Rated head:	207.7 ft	-			
Head max:	287.7 ft	150 -			- 60
Stages:	10	130			Γ
Impellers:	10	_			
•	10	100 -			40
Number of reduced-diameter	0	_			
Low NPSH:	Ν	50 -			- 20
Pump orientation:	Vertical				
Shaft seal arrangement:	Single	/			
Code for shaft seal:	HQQV	o 🖌			Lo
Approvals on nameplate:	CURUS	Ő	2 4 6	8 10 Q [US gpm]	
Curve tolerance:	ISO9906:2012 3B	P [HP]			NP [f
Pump version:	A			P1	ſ
Model:	A	1.2 -			- 30
Cooling:	TEFC	1.0 -		P2	- 25
Materials:		0.8 -			- 20
Base:	Stainless steel	-			
2000.	EN 1.4408	0.6 -			- 15
	AISI 316	0.4 -			- 10
Impeller:	Stainless steel	0.2 -			-5
Impelier.					
	EN 1.4401	0.0			LO
	AISI 316		4.61		
Material code:	A		5.59		
Code for rubber:	V	_			
Bearing:	SIC				
Installation:		0.0	Ļĕ		
Maximum ambient temperature:	140 °F	_			
Maximum operating pressure:	362.59 psi	[6.50 G 1/2 G 1/2		
Max pressure at stated temperature:	363 psi / 194 °F				
	363 psi / -4 °F	17.00	4 × 1.06 × 0.79		
Type of connection:	DIN / ANSI / JIS	17	<u>1 X G 1/2</u>		
Size of inlet connection:	DN 25/32				
Size of suction port:	1 1/4 inch	2.95	┝──┟╘╪╤╪╡╢╶╶╞──╬		
Size of outlet connection:	DN 25/32	-	<u>3.94</u> 5.91	1.26 3.39	
Size of outlet port:	1 1/4 inch		9.84	7.09	
Pressure rating for pipe connection:	PN 25		L	e	
Flange rating inlet:	300 lb				
Flange size for motor:	56C		HIGH VOLTAGE		
Connect code:	FGJ	- 60	DIRECTION OF ROTATION		
	гоj	- 1	[
Liquid:	\\/etcz				
Pumped liquid:	Water				
Liquid temperature range:	-4 194 °F	-			
Selected liquid temperature:	68 °F	_ ≻			
Density:	62.29 lb/ft ³	_	<u> 20</u> 9		
Electrical data:		6	LOW VOLTAGE DIRECTION OF ROTATION		
Motor standard:	NEMA	North Contraction			
Motor type:	80CA	آ م			
E Efficiency class:	NEMA Premium / IE3 60Hz	(Ar			
Rated power - P2:	1.5 HP	-			

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Company name: Created by: Phone:

		Date:	4/30/2019
Description	Value		
Main frequency:	60 Hz	-	
Rated voltage:	3 x 208-230YY/460Y V		
Service factor:	1.15		
Rated current:	4,45-4,3/2,16 A		
Starting current:	720 %		
Load current:	5,1-4,95/2,48 A		
Cos phi - power factor:	0.84-0.78		
Rated speed:	3440-3480 rpm		
IE efficiency:	IE3 84,1%		
Motor efficiency at full load:	84.9 %		
Motor efficiency at 3/4 load:	81.0 %		
Motor efficiency at 1/2 load:	78.5 %		
Number of poles:	2		
Enclosure class (IEC 34-5):	55 Dust/Jetting		
Insulation class (IEC 85):	F		
Motor protection:	NONE		
Motor Number:	98976607		
Controls:			
Frequency converter:	NONE		
Others:			
Net weight:	58.4 lb		
Gross weight:	69.4 lb		
Shipping volume:	6.11 ft ³		
Country of origin:	US		
Custom tariff no.:	8413.70.2040		

