

Submittal Data

PROJECT:	 UNIT TAG:	 QUANTITY:	
	 TYPE OF SERVICE:		
REPRESENTATIVE:	 SUBMITTED BY:	 DATE:	
ENGINEER:	 APPROVED BY:	 DATE:	
CONTRACTOR:	 ORDER NO.:	 DATE:	

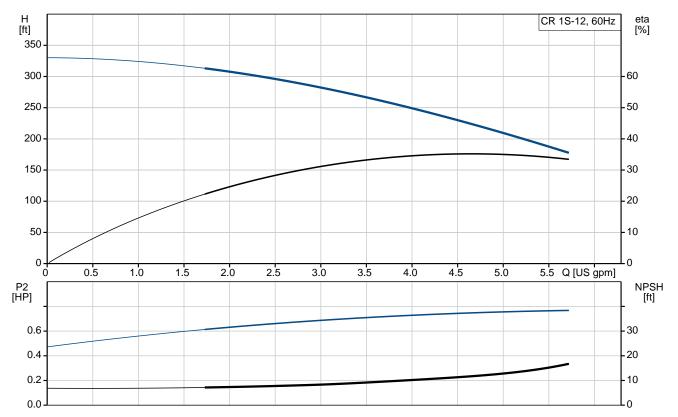


CR 1S-12 A-B-A-V-HQQV

Vertical, multistage centrifugal pump with suction and discharge ports on the same level. The pump head and base are in cast iron. All other wetted parts are in stainless steel (EN 1.4301)(AISI 304)

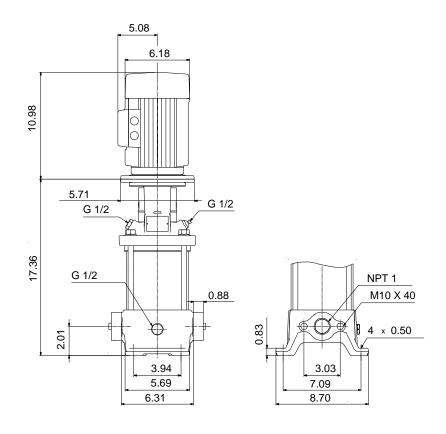
Product photo could vary from the actual product

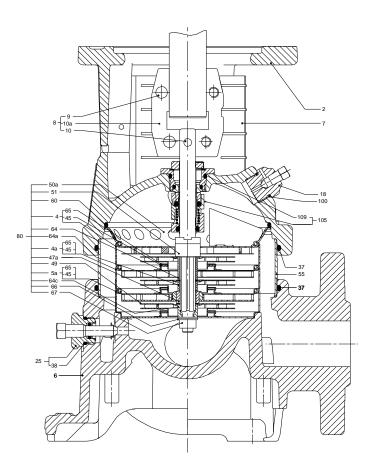
Conditions	of Service	Pump Data		Moto	or Data
Flow: Head:		Max pressure at stated temperature: Liquid temperature range:	232 psi / 194 °F -4 194 °F	Rated power - P2: Rated voltage:	0.75 HP 115/208-230 V
Efficiency:		Maximum ambient temperature:	104 °F	Main frequency:	60 Hz
Liquid:	Water	Approvals:	CURUS	Enclosure class:	54 Dust/Splashing
Temperature:	68 °F	Shaft seal:	HQQV	Insulation class:	В
NPSH required:	ft	Product number:	96080965	Motor protection:	NONE
Viscosity:				Motor type:	Baldor
Specific Gravity:	1.000				



Submittal Data







Materials:	
matorialo	

Base:

Impeller:

Material code: A Code for rubber: V

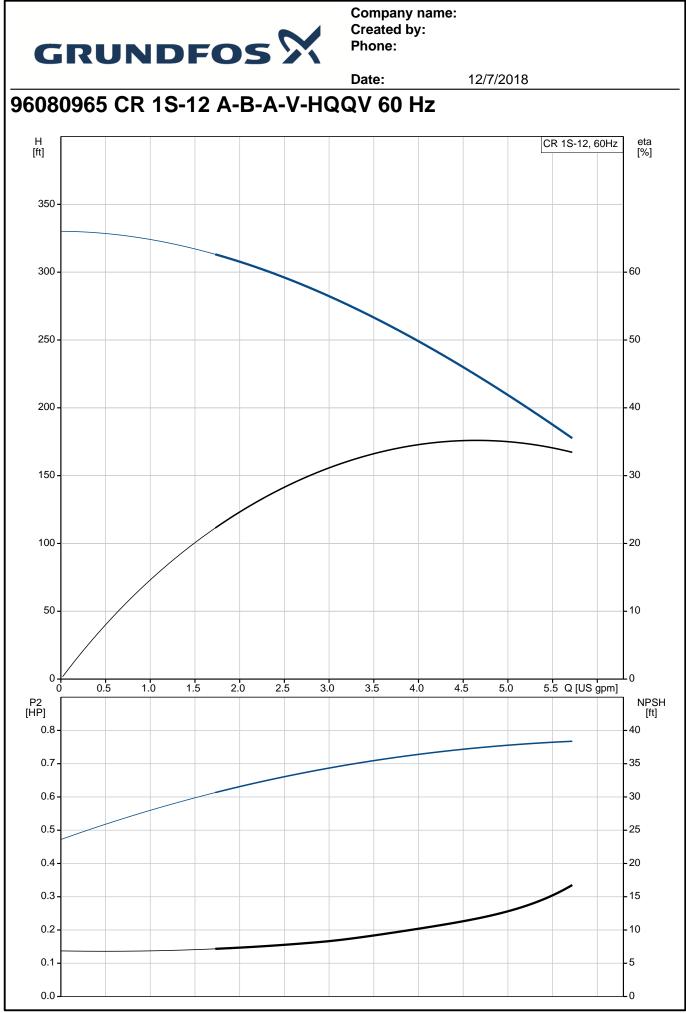
Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Stainless steel AISI 304 EN 1.4301 A

G	RU	INDFOS	Company name Created by: Phone:	9:	
			Date:	12/7/2018	
Position	Count	Description			
	1	CR 1S-12 A-B-A-V-HQQV			
		Product No.: 96080965 Vertical, non-self-priming, multistic centrifugal pump for installation i and mounting on a foundation. The pump has the following char - Impellers and intermediat - The shaft seal has assem according to EN 12756. - Power transmission is via coupling.	n pipe systems acteristics: e chambers are made of bly length cast iron split		
		The motor is a 1-phase AC moto Controls:	r.		
		Frequency converter:	NONE		
		Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during operation Density:	Water -4 194 °F ion: 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:	3464 rpm 4.84 US gpm 215.9 ft Vertical Single HQQV CURUS ISO9906:2012 3B		
		Materials: Base:	Cast iron		
		Impeller:	EN 1561 EN-GJL-200 ASTM A48-25B Stainless steel EN 1.4301		
		Bearing:	AISI 304 SIC		
		Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temperat	232 psi		
		Type of connection:	Oval / NPT(F)		



Company name: Created by: Phone:

			Date:	12/7/2018
sition	Count	Description		
		Size of suction port:	1 inch	
		Size of outlet port: Pressure rating for pipe connect	1 inch	
		Flange size for motor:	56C	
		Tiange size for motor.	500	
		Electrical data:		
		Motor standard:	NEMA	
		Motor type:	Baldor	
		Rated power - P2:	0.75 HP	
		Power (P2) required by pump:		
		Main frequency:	60 Hz	
		Rated voltage:	1 x 115/208-230 V	
		Service factor:	1.25	
		Rated current: Rated speed:	9,60/5,00-4,80 A	
		Number of poles:	3450 rpm 2	
		Enclosure class (IEC 34-5):	54 Dust/Splashing	
		Insulation class (IEC 85):	B	
			-	
		Others:		
		Net weight:	63.3 lb	
		Gross weight:	74.3 lb	
		Shipping volume:	6.11 ft ³	
		Country of origin:	US	
		Custom tariff no .:	8413.70.2040	
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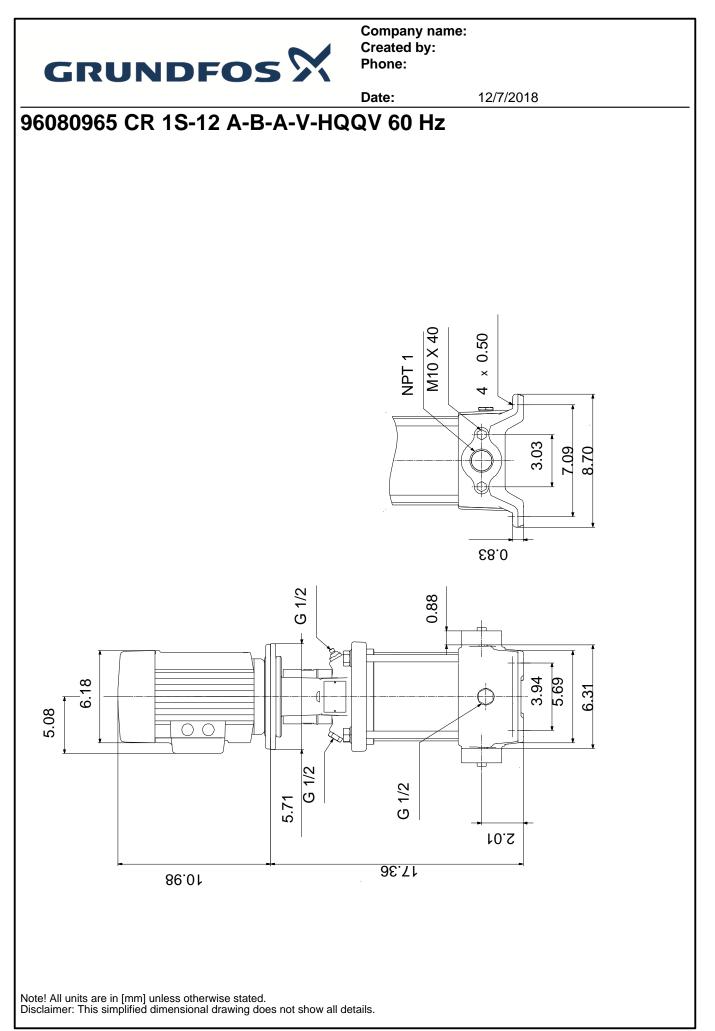
Company name: Created by: Phone:

		Date:	12/7/2	2018		
Description	Value	H [ft]			CR 1S-12, 60Hz	eta [%]
General information:						
Product name:	CR 1S-12 A-B-A-V-HQQV	350 -				1
Product No.:	96080965	-				
EAN:	5700395154238	300 -				- 60
Technical:						
Rated pump speed:	3464 rpm	250				50
Rated flow:	4.84 US gpm	250 -				- 50
Rated head:	215.9 ft					
Head max:	328.8 ft	200 -				- 40
Stages:	12	150				- 30
Impellers:	12	150 -				- 30
Number of reduced-diameter impellers	0	100				
Low NPSH:	No	100 -				- 20
Pump orientation:	Vertical					
Shaft seal arrangement:	Single	50 -				- 10
Code for shaft seal:	HQQV					
Approvals on nameplate:	CURUS		/			L
Curve tolerance:	ISO9906:2012 3B	0 0	0.5 1.0 1.5 2.0 2.5 3	.0 3.5 4.0	4.5 Q [US gpm]	-0
		P2 [HP]				NPSH
Pump version:	A					[ft]
Model:	A	0.7 -				- 35
Cooling:	TEFC	0.6 -				- 30
Materials:		0.5 -				- 25
Base:	Cast iron	0.4 -				- 20
	EN 1561 EN-GJL-200	0.3 -				- 15
	ASTM A48-25B					
Impeller:	Stainless steel	0.2 -				- 10
	EN 1.4301	0.1 -				-5
	AISI 304					Lo
Material code:	A					
Code for rubber:	V		5.08			
Bearing:	SIC	r				
Installation:						
Maximum ambient temperature:	104 °F	10.98				
Maximum operating pressure:	232 psi					
Max pressure at stated temperature:	232 psi / 194 °F	+	5.71			
	232 psi / -4 °F		G 1/2 G 1/2			
Type of connection:	Oval / NPT(F)					
	1 inch	17.36	<u>G 1/2</u>		NPT 1	
Size of suction port:			0.88		M10 X 40	
Size of outlet port:	1 inch				4 × 0.50	
Pressure rating for pipe connection:	PN 16	L	3.94		۲ ۲	
Flange size for motor:	56C		5.69	7.09	_ 	
Connect code:	В		6.31	8.70	.	
Liquid:						
Pumped liquid:	Water		N -			
Liquid temperature range:	-4 194 °F	L	N ÷			
Liquid temperature during operation:	68 °F	Ш				
Density:	62.29 lb/ft ³	Ψ				
Electrical data:						
Motor standard:	NEMA					
Motor type:	Baldor		i			
Rated power - P2:	0.75 HP					
Power (P2) required by pump:	0.75 HP					
Main frequency:	60 Hz					
Rated voltage:	1 x 115/208-230 V) j			
Service factor:	1.25	\	1 /			
Rated current:	9,60/5,00-4,80 A	M	γ			
Load current:	11.4/6.0-5.7 A	1 141	1			



Company name: Created by: Phone:

		Date:	
Description	Value		
Rated speed:	3450 rpm		
Number of poles:	2		
Enclosure class (IEC 34-5):	54 Dust/Splashing		
Insulation class (IEC 85):	В		
Motor protection:	NONE		
Motor Number:	84Z04001		
Controls:			
Frequency converter:	NONE		
Others:			
Net weight:	63.3 lb		
Gross weight:	74.3 lb		
Shipping volume:	6.11 ft ³		
Country of origin:	US		
Custom tariff no .:	8413.70.2040		





12/7/2018

