

Submittal Data

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

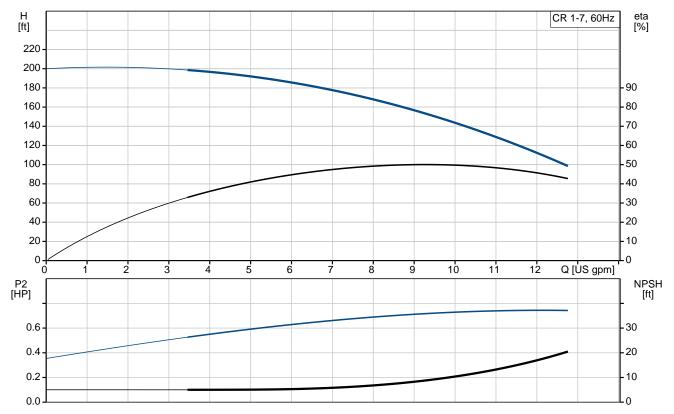


CR 1-7 A-B-A-V-HQQV

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)

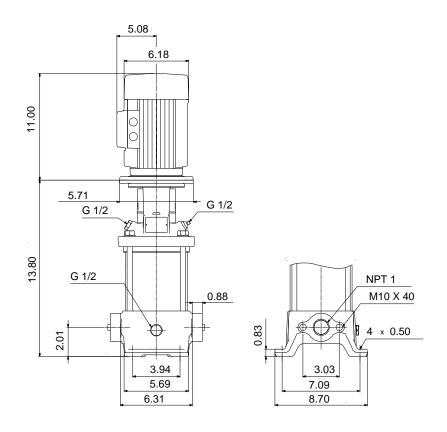
Product photo could vary from the actual product

Conditions	of Service	Pump Data		Motor	Data
Flow: Head: Efficiency: Liquid: Temperature: NPSH required: Viscosity:	Water 68 °F ft	Max pressure at stated temperature: Liquid temperature range: Maximum ambient temperature: Approvals: Shaft seal: Product number:	232 psi / 194 °F -4 194 °F 104 °F CURUS HQQV 96082045	Rated power - P2: Rated voltage: Main frequency: Enclosure class: Insulation class: Motor protection: Motor type:	0.75 HP 115/208-230 V 60 Hz IP54 B NONE BALDOR
Specific Gravity:	1.000				



Submittal Data





Materials:

Base:

Impeller:

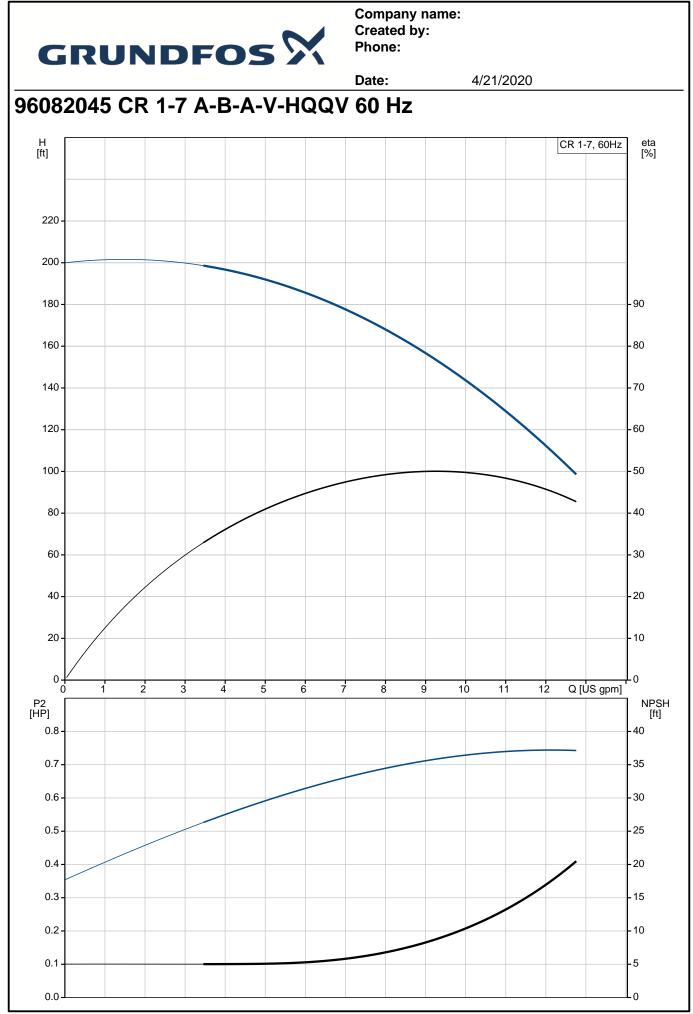
Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Stainless steel AISI 304 EN 1.4301 A

Material code: A Code for rubber: V

C	RUNDFO	sX	Company na Created by: Phone:	ime:
			Date:	4/21/2020
ount	Description			
1	CR 1-7 A-B-A-V-HQQV			
	Product No.: 96082045			
	base are in cast iron – all other	wetted parts are in and service. Powe	stainless steel. A	ame the level (inline). The pump head and cartridge shaft seal ensures high reliability, via a rigid split coupling. Pipe connection is
	The pump is fitted with a 1-phas	e, fan-cooled asyn	chronous motor.	
	Liquid:			
	Pumped liquid:	Water		
	Liquid temperature range:	-4 194 °F		
	Selected liquid temperature:	68 °F		
	Density:	62.29 lb/ft ³		
	Technical:			
	Rated pump speed:	3464 rpm		
	Rated flow:	9.69 US gpm		
	Rated head:	148 ft		
	Pump orientation:	Vertical		
	Shaft seal arrangement:	Single		
	Code for shaft seal:	HQQV		
	Approvals on nameplate:	CURUS		
	Curve tolerance:	ISO9906:2012 3E	3	
	Materials:			
	Base:	Cast iron		
		EN 1561 EN-GJL	-200	
		ASTM A48-25B		
	Impeller:	Stainless steel		
		EN 1.4301		
		AISI 304		
	Bearing:	SIC		
	Installation:			
		104 °E		
	Maximum ambient temperature: Maximum operating pressure:	232.06 psi		
	Max pressure at stated tempera			
	Type of connection:	Oval / NPT(F)		
	Size of suction port:	1 inch		
	Size of outlet port:	1 inch		
	Pressure rating for connection:			
	Flange size for motor:	56C		
	Electrical data:			
	Electrical data:			
	Motor standard:			
	Motor type:	BALDOR		



			Date:	4/21/2020
Count	Description			
	Rated power - P2: Power (P2) required by pump: Main frequency: Rated voltage: Service factor: Rated current: Rated speed: Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor Number:	0.75 HP 0.75 HP 60 Hz 1 x 115/208-230 V 1.25 9,60/5,00-4,80 A 3450 rpm 2 IP54 B 84Z04001		
	Controls: Frequency converter: Others: Net weight: Gross weight:	NONE 59.1 lb 70.1 lb		
	Shipping volume: Country of origin: Custom tariff no.:	6.11 ft ³ US 8413.70.2040		



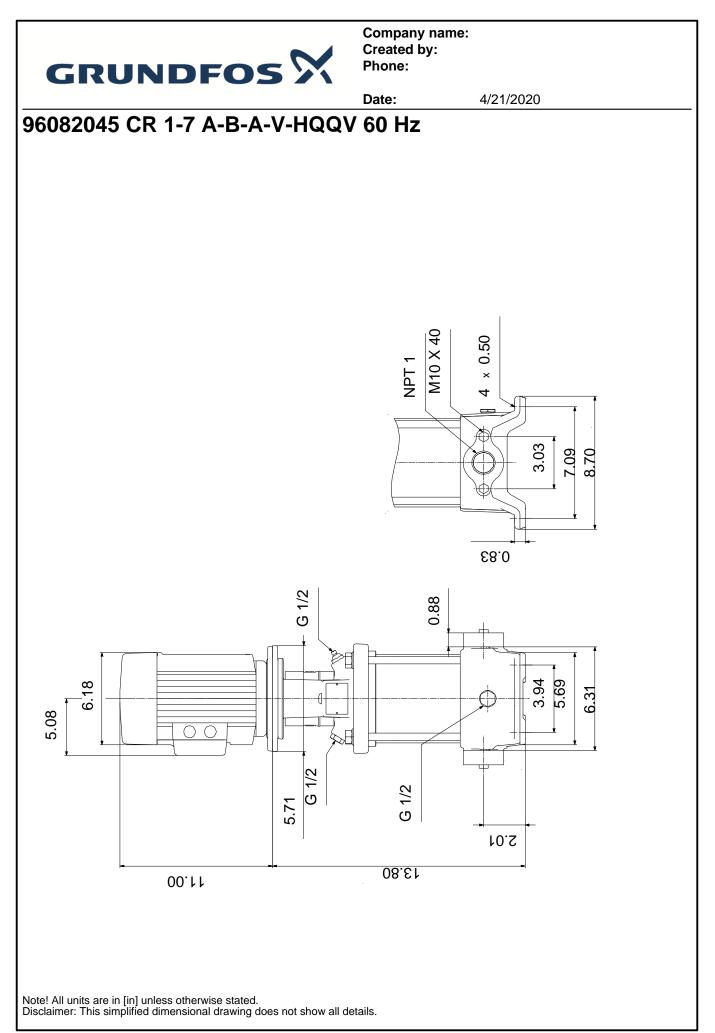
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<u></u>		Date:	4/21/202		
Description	Value	H [ft]		CR	1-7, 60Hz
General information:	- Tuluo				
Product name:	CR 1-7 A-B-A-V-HQQV	220 -			
Product No.:	96082045	220 -			
EAN:	5700395167832	200			
EAN.	5700395167832	-			
Taskaisal	5700395167632	180 -			
Technical:	0.40.4	160 -			
Rated pump speed:	3464 rpm	160 -			
Rated flow:	9.69 US gpm	140 -			
Rated head:	148 ft				
Maximum head:	199.8 ft	120 -			
Stages:	7	100 -			
Impellers:	7	100-			
Number of reduced-diameter impellers:	0	80 -			`
Low NPSH:	Ν	-			
Pump orientation:	Vertical	60 -			
Shaft seal arrangement:	Single	40			
Code for shaft seal:	HQQV	40-			
		20-			
Approvals on nameplate:	CURUS				
Curve tolerance:	ISO9906:2012 3B	• • /	2 4 6	8 10 Q	[US gpm]
Pump version:	A	- P2	<u>د 4 ۵</u>	o 10 Q	[US gpm]
Model:	А	P2 [HP]			
Cooling:	TEFC	0.7			
Materials:		0.7 -			
Base:	Cast iron	0.6 -			
	EN 1561 EN-GJL-200	0.5 -			
	ASTM A48-25B	0.4			,
Impeller:	Stainless steel				
	EN 1.4301	0.3 -			-
		0.2 -			
	AISI 304	0.1			
Material code:	A	0.0			
Code for rubber:	V	0.0 -			
Bearing:	SIC				
Installation:					
Maximum ambient temperature:	104 °F				
Maximum operating pressure:	232.06 psi				
Max pressure at stated temperature:	232 psi / 194 °F				
- F F	232 psi / -4 °F				
Type of connection:	Oval / NPT(F)				
Size of suction port:	1 inch				
	1 inch				
Size of outlet port:					
Pressure rating for connection:	PN 16				
Flange size for motor:	56C				
Connect code:	В				
Liquid:					
Pumped liquid:	Water				
Liquid temperature range:	-4 194 °F				
Selected liquid temperature:	68 °F				
Density:	62.29 lb/ft ³				
-	02.20 ID/IL				
Electrical data:					
Motor standard:	NEMA				
Motor type:	BALDOR				
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				
Service factor:	1.25				
Rated current:					
	9,60/5,00-4,80 A				
Load current:	11.4/6.0-5.7 A				



		-	
		Date:	4/21/2
Description	Value		
Rated speed:	3450 rpm		
Number of poles:	2		
Enclosure class (IEC 34-5):	IP54		
Insulation class (IEC 85):	В		
Motor protection:	NONE		
Motor Number:	84Z04001		
Controls:			
Frequency converter:	NONE		
Others:			
Net weight:	59.1 lb		
Gross weight:	70.1 lb		
Shipping volume:	6.11 ft ³		
Country of origin:	US		
Custom tariff no.:	8413.70.2040		





4/21/2020

96082045 CR 1-7 A-B-A-V-HQQV 60 Hz

