

Submittal Data

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



CRK 2-110/11 U-W-A-AUUV

Coolant pumps

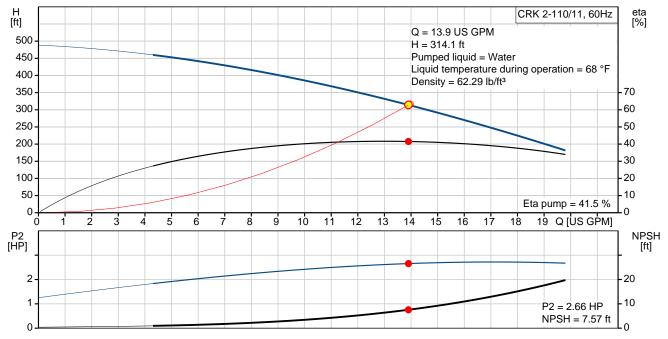
Note! Product picture may differ from actual product

Conditions of Service

Flow:	13.9 US GPM
Head:	314.1 ft
Efficiency:	
Liquid:	Water
Temperature:	68 °F
NPSH required:	7.57 ft
Viscosity:	
Specific Gravity:	1.000

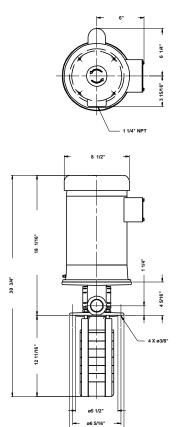
Pump Data				
Liquid temperature range:	32 194 °F			
Maximum ambient temperature:	104 °F			
Approvals motor:	UL Recognized Component, CSA			
Shaft seal:	AUUV			
Pipe connection:	1 1/4" NPT			
Product number:	40Z97077			

Motor Data				
Rated power - P2:	3 HP			
Rated voltage:	115/208-230 V			
Mains frequency:	60 Hz			
Insulation class:	F			
Motor protection:	CONTACT			
Thermal protection:	internal			
Motor type:	Baldor, TEFC			
Motor_efficiency:	75 %			





Submittal Data



Materials:

Pump head: Cast iron

EN-JL1030 ASTM A48-30 B

A3 1 W A40-30 B

Impeller: Stainless steel

DIN W.-Nr. 1.4301

AISI 304

Material code: A



Date: 15/04/2020

Qty. **Description**

CRK 2-110/11 U-W-A-AUUV



Note! Product picture may differ from actual product

Product No.: 40Z97077

Multistage, immersible, self-priming, centrifugal pump for vertical installation in tanks etc.

The pump has the following characteristics:

- Installation length according to DIN 5440.Impellers, intermediate chambers and spline

shaft are made of Stainless steel.

- Mechanical shaft seal according to EN 12756.
- Power transmission via cast iron

split coupling.

The motor is a 1-phase AC motor.

Immersion depth: 12.7 in

Liquid:

Pumped liquid: Water Liquid temperature range: 32 .. 194 °F 68 °F Selected liquid temperature: 62.29 lb/ft3 Density:

Technical:

Actual calculated flow: 13.9 US GPM Resulting head of the pump: 314.1 ft Primary shaft seal: **AUUV**

Approvals on motor nameplate: UL Recognized Component, CSA

Curve tolerance: ISO 9906:1999 Annex A

Materials:

Impeller:

Pump head: Cast iron

EN-JL1030 **ASTM A48-30 B** Stainless steel DIN W.-Nr. 1.4301

AISI 304

Installation:

Maximum ambient temperature: 104 °F Pipe connection: 1 1/4" NPT



Date: 15/04/2020

Qty. | Description

Flange size for motor: 182TC

Electrical data:

Motor type: Baldor, TEFC

Rated power - P2: 3 HP Mains frequency: 60 Hz

Rated voltage: 1 x 115/208-230 V

Service factor: 1.15

Rated current: 29/16-14.5 A Starting current: 170/93.5-85 A

Cos phi - power factor:

Rated speed:

Motor efficiency at full load:

Number of poles:

Insulation class (IEC 85):

0.88

3450 rpm

75 %

F

Motor No: 85700008

Others:

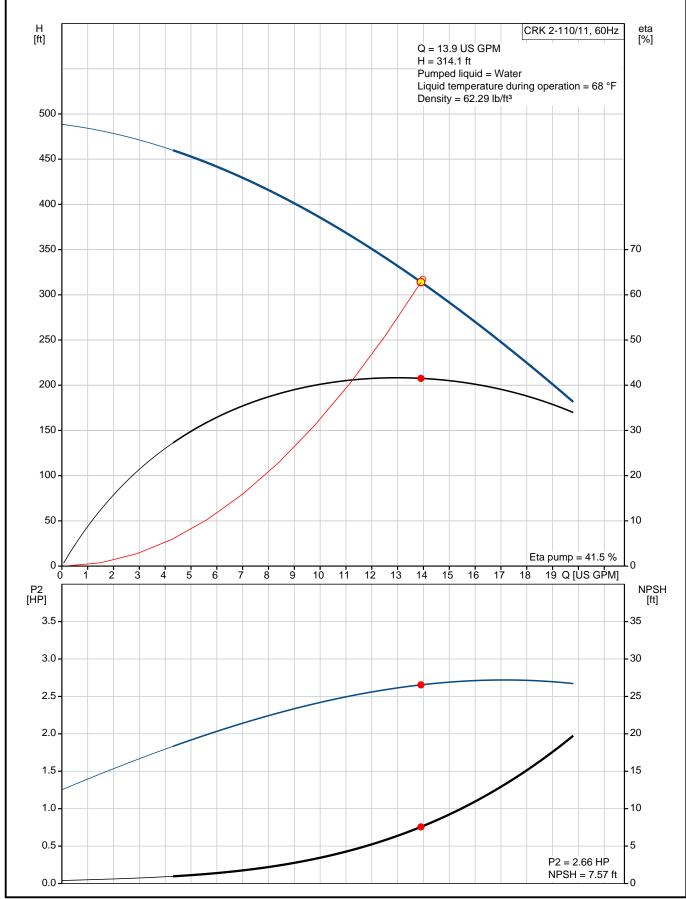
Country of origin: US

Custom tariff no.: 8413.70.2040



Date: 15/04/2020

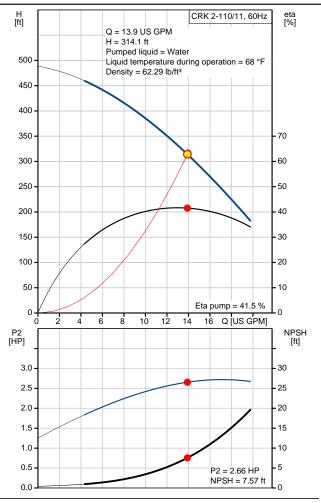
40Z97077 CRK 2-110/11 U-W-A-AUUV 60 Hz

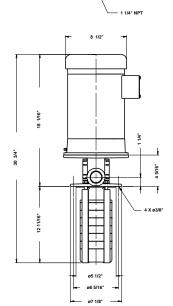




Date: 15/04/2020

Description	Value
General information:	
Product name:	CRK 2-110/11 U-W-A-AUUV
Product No:	40Z97077
EAN number:	5700394546379
	5700394546379
Technical:	
Actual calculated flow:	13.9 US GPM
Resulting head of the pump:	314.1 ft
Stages:	11
Impellers:	11
Primary shaft seal:	AUUV
	UL Recognized Component,
Approvals on motor nameplate:	CSA
Curve tolerance:	ISO 9906:1999 Annex A
Pump No:	40920071
Pump version:	U
Materials:	-
Pump head:	Cast iron
	EN-JL1030
	ASTM A48-30 B
Impeller:	Stainless steel
ппрепет.	DIN WNr. 1.4301
A	AISI 304
Material code:	A
Installation:	
Maximum ambient temperature:	104 °F
Pipe connection:	1 1/4" NPT
Flange size for motor:	182TC
Connect code:	W
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	32 194 °F
Selected liquid temperature:	68 °F
Density:	62.29 lb/ft ³
Density: Electrical data:	62.29 lb/ft³
Electrical data:	
Electrical data: Motor type:	62.29 lb/ft³ Baldor, TEFC 3 HP
Electrical data:	Baldor, TEFC
Electrical data: Motor type: Rated power - P2: KVA code:	Baldor, TEFC 3 HP H
Electrical data: Motor type: Rated power - P2: KVA code: Mains frequency:	Baldor, TEFC 3 HP H 60 Hz
Electrical data: Motor type: Rated power - P2: KVA code: Mains frequency: Rated voltage:	Baldor, TEFC 3 HP H 60 Hz 1 x 115/208-230 V
Electrical data: Motor type: Rated power - P2: KVA code: Mains frequency: Rated voltage: Service factor:	Baldor, TEFC 3 HP H 60 Hz 1 x 115/208-230 V 1.15
Electrical data: Motor type: Rated power - P2: KVA code: Mains frequency: Rated voltage: Service factor: Rated current:	Baldor, TEFC 3 HP H 60 Hz 1 x 115/208-230 V 1.15 29/16-14.5 A
Electrical data: Motor type: Rated power - P2: KVA code: Mains frequency: Rated voltage: Service factor: Rated current: Starting current:	Baldor, TEFC 3 HP H 60 Hz 1 x 115/208-230 V 1.15 29/16-14.5 A 170/93.5-85 A
Electrical data: Motor type: Rated power - P2: KVA code: Mains frequency: Rated voltage: Service factor: Rated current: Starting current: Load current:	Baldor, TEFC 3 HP H 60 Hz 1 x 115/208-230 V 1.15 29/16-14.5 A 170/93.5-85 A 32.8/18-16.4 A
Electrical data: Motor type: Rated power - P2: KVA code: Mains frequency: Rated voltage: Service factor: Rated current: Starting current: Load current: Cos phi - power factor:	Baldor, TEFC 3 HP H 60 Hz 1 x 115/208-230 V 1.15 29/16-14.5 A 170/93.5-85 A 32.8/18-16.4 A 0.88
Electrical data: Motor type: Rated power - P2: KVA code: Mains frequency: Rated voltage: Service factor: Rated current: Starting current: Load current: Cos phi - power factor: Rated speed:	Baldor, TEFC 3 HP H 60 Hz 1 x 115/208-230 V 1.15 29/16-14.5 A 170/93.5-85 A 32.8/18-16.4 A 0.88 3450 rpm
Electrical data: Motor type: Rated power - P2: KVA code: Mains frequency: Rated voltage: Service factor: Rated current: Starting current: Load current: Cos phi - power factor: Rated speed: Motor efficiency at full load:	Baldor, TEFC 3 HP H 60 Hz 1 x 115/208-230 V 1.15 29/16-14.5 A 170/93.5-85 A 32.8/18-16.4 A 0.88 3450 rpm 75 %
Electrical data: Motor type: Rated power - P2: KVA code: Mains frequency: Rated voltage: Service factor: Rated current: Starting current: Load current: Cos phi - power factor: Rated speed: Motor efficiency at full load: Number of poles:	Baldor, TEFC 3 HP H 60 Hz 1 x 115/208-230 V 1.15 29/16-14.5 A 170/93.5-85 A 32.8/18-16.4 A 0.88 3450 rpm 75 % 2
Electrical data: Motor type: Rated power - P2: KVA code: Mains frequency: Rated voltage: Service factor: Rated current: Starting current: Load current: Cos phi - power factor: Rated speed: Motor efficiency at full load: Number of poles: Insulation class (IEC 85):	Baldor, TEFC 3 HP H 60 Hz 1 x 115/208-230 V 1.15 29/16-14.5 A 170/93.5-85 A 32.8/18-16.4 A 0.88 3450 rpm 75 % 2 F
Electrical data: Motor type: Rated power - P2: KVA code: Mains frequency: Rated voltage: Service factor: Rated current: Starting current: Load current: Cos phi - power factor: Rated speed: Motor efficiency at full load: Number of poles: Insulation class (IEC 85): Motor protec:	Baldor, TEFC 3 HP H 60 Hz 1 x 115/208-230 V 1.15 29/16-14.5 A 170/93.5-85 A 32.8/18-16.4 A 0.88 3450 rpm 75 % 2 F CONTACT
Electrical data: Motor type: Rated power - P2: KVA code: Mains frequency: Rated voltage: Service factor: Rated current: Starting current: Load current: Cos phi - power factor: Rated speed: Motor efficiency at full load: Number of poles: Insulation class (IEC 85): Motor protec: Thermal protec:	Baldor, TEFC 3 HP H 60 Hz 1 x 115/208-230 V 1.15 29/16-14.5 A 170/93.5-85 A 32.8/18-16.4 A 0.88 3450 rpm 75 % 2 F CONTACT internal
Electrical data: Motor type: Rated power - P2: KVA code: Mains frequency: Rated voltage: Service factor: Rated current: Starting current: Load current: Cos phi - power factor: Rated speed: Motor efficiency at full load: Number of poles: Insulation class (IEC 85): Motor protec: Thermal protec: Motor No:	Baldor, TEFC 3 HP H 60 Hz 1 x 115/208-230 V 1.15 29/16-14.5 A 170/93.5-85 A 32.8/18-16.4 A 0.88 3450 rpm 75 % 2 F CONTACT
Electrical data: Motor type: Rated power - P2: KVA code: Mains frequency: Rated voltage: Service factor: Rated current: Starting current: Load current: Cos phi - power factor: Rated speed: Motor efficiency at full load: Number of poles: Insulation class (IEC 85): Motor protec: Thermal protec:	Baldor, TEFC 3 HP H 60 Hz 1 x 115/208-230 V 1.15 29/16-14.5 A 170/93.5-85 A 32.8/18-16.4 A 0.88 3450 rpm 75 % 2 F CONTACT internal
Electrical data: Motor type: Rated power - P2: KVA code: Mains frequency: Rated voltage: Service factor: Rated current: Starting current: Load current: Cos phi - power factor: Rated speed: Motor efficiency at full load: Number of poles: Insulation class (IEC 85): Motor protec: Thermal protec: Motor No:	Baldor, TEFC 3 HP H 60 Hz 1 x 115/208-230 V 1.15 29/16-14.5 A 170/93.5-85 A 32.8/18-16.4 A 0.88 3450 rpm 75 % 2 F CONTACT internal
Electrical data: Motor type: Rated power - P2: KVA code: Mains frequency: Rated voltage: Service factor: Rated current: Starting current: Load current: Cos phi - power factor: Rated speed: Motor efficiency at full load: Number of poles: Insulation class (IEC 85): Motor protec: Thermal protec: Motor No: Others:	Baldor, TEFC 3 HP H 60 Hz 1 x 115/208-230 V 1.15 29/16-14.5 A 170/93.5-85 A 32.8/18-16.4 A 0.88 3450 rpm 75 % 2 F CONTACT internal 85700008
Electrical data: Motor type: Rated power - P2: KVA code: Mains frequency: Rated voltage: Service factor: Rated current: Starting current: Load current: Cos phi - power factor: Rated speed: Motor efficiency at full load: Number of poles: Insulation class (IEC 85): Motor protec: Thermal protec: Motor No: Others: Sales region:	Baldor, TEFC 3 HP H 60 Hz 1 x 115/208-230 V 1.15 29/16-14.5 A 170/93.5-85 A 32.8/18-16.4 A 0.88 3450 rpm 75 % 2 F CONTACT internal 85700008 Namreg



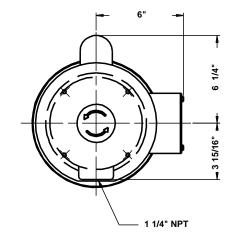


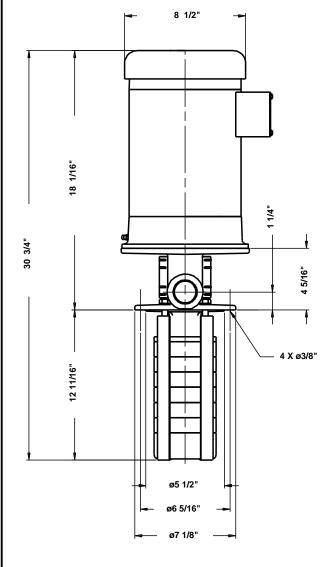
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Date: 15/04/2020

40Z97077 CRK 2-110/11 U-W-A-AUUV 60 Hz





Note! All units are in [in] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.