GRUNDFOS

Submittal Data

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

Note! Product picture may differ from actual product

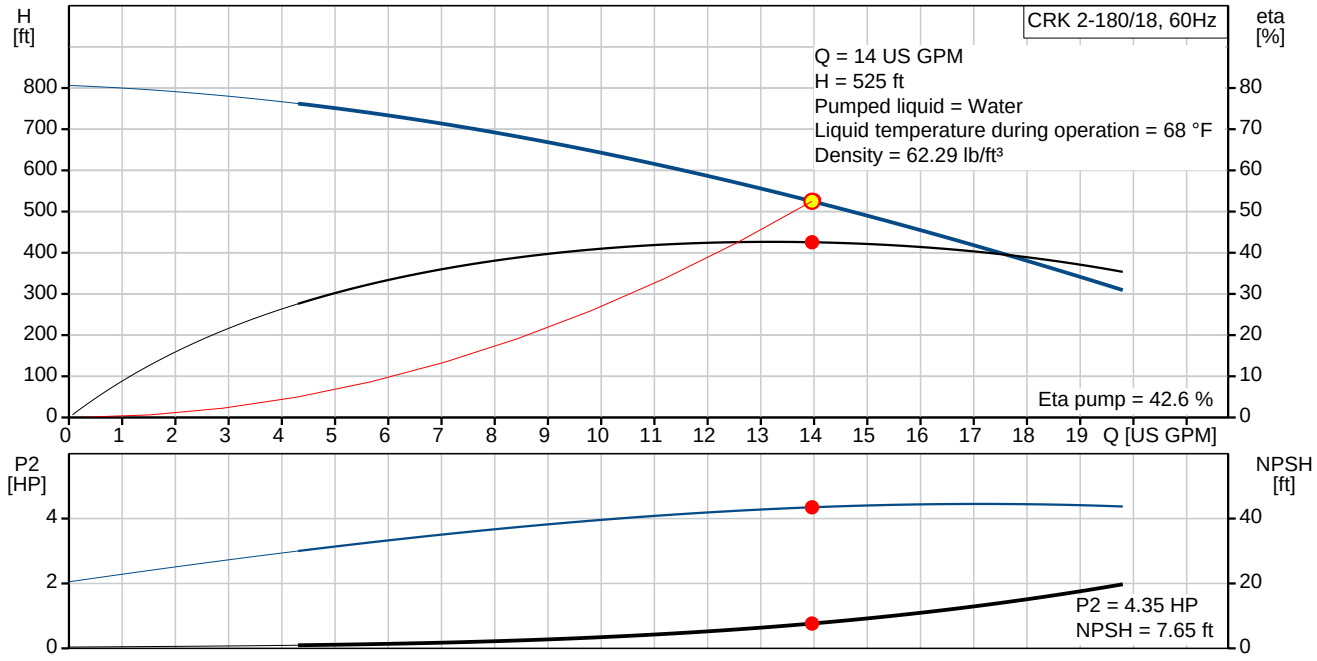
CRK 2-180/18 U-W-A-AUUV

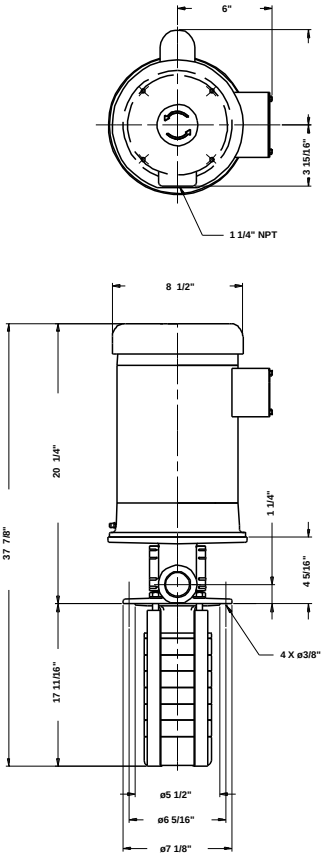
Coolant pumps

Conditions of Service	
Flow:	14 US GPM
Head:	525 ft
Efficiency:	
Liquid:	Water
Temperature:	68 °F
NPSH required:	7.65 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:	40Z97117

Motor Data	
Rated power - P2:	5 HP
Rated voltage:	208-230/460 V
Mains frequency:	60 Hz
Insulation class:	F
Motor protection:	NONE
Motor type:	Baldor, TEFC
Motor_efficiency:	85.5 %





Materials:

Pump head:	Cast iron EN-JL1030 ASTM A48-30 B
Impeller:	Stainless steel DIN W.-Nr. 1.4301 AISI 304
Material code:	A

GRUNDFOS

Company name:
Created by:
Phone:

Date: 15/04/2020

Qty.	Description
1	**CRK 2-180/18 U-W-A-AUUV**

Note! Product picture may differ from actual product

Product No.: 40Z97117
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 3-phase AC motor.
Immersion depth: 17.6 in

Liquid:

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

Technical:

Actual calculated flow:	14 US GPM
Resulting head of the pump:	525 ft
Primary shaft seal:	AUUV
Approvals on motor nameplate:	UL Recognized Component, CSA
Curve tolerance:	ISO 9906:1999 Annex A

Materials:

Pump head:	Cast iron EN-JL1030 ASTM A48-30 B
Impeller:	Stainless steel DIN W.-Nr. 1.4301 AISI 304

Installation:

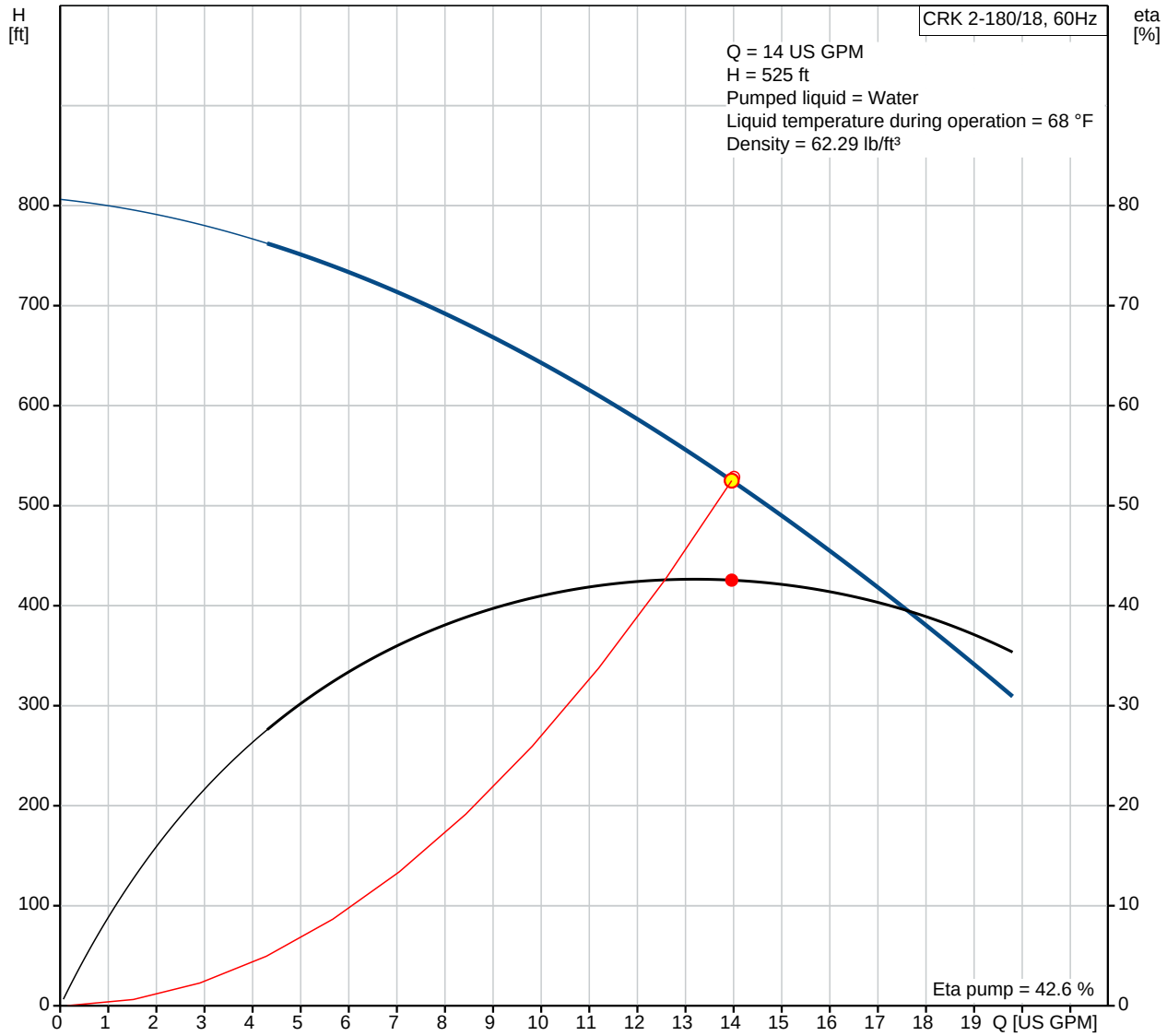
Maximum ambient temperature:	104 °F
Pipe connection:	1 1/4" NPT

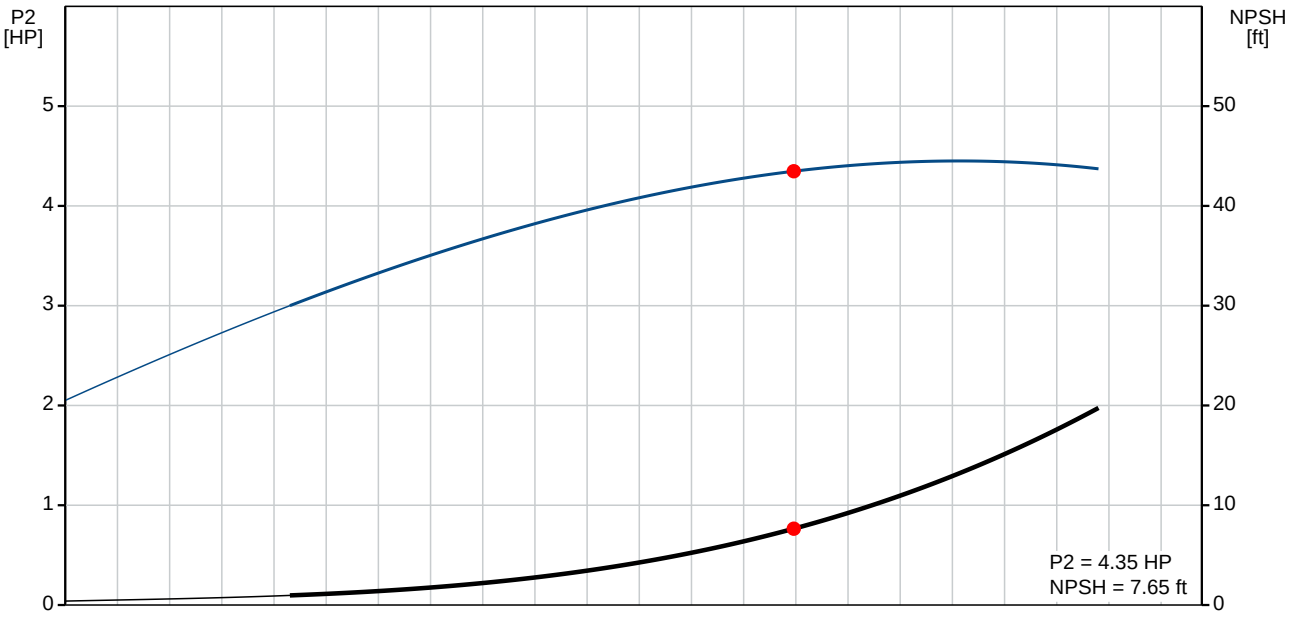
Qty.	Description	
	Flange size for motor:	184TC
	Electrical data:	
	Motor type:	Baldor, TEFC
	Rated power - P2:	5 HP
	Mains frequency:	60 Hz
	Rated voltage:	3 x 208-230/460 V
	Service factor:	1.15
	Rated current:	13.2-12/6 A
	Starting current:	103.9-94/47 A
	Cos phi - power factor:	0.93
	Rated speed:	3450 rpm
	Motor efficiency at full load:	85.5 %
	Insulation class (IEC 85):	F
	Motor No:	85600012
	Others:	
	Country of origin:	US
	Custom tariff no.:	8413.70.2040

Company name:
Created by:
Phone:

Date: 15/04/2020

40Z97117 CRK 2-180/18 U-W-A-AUUV 60 Hz

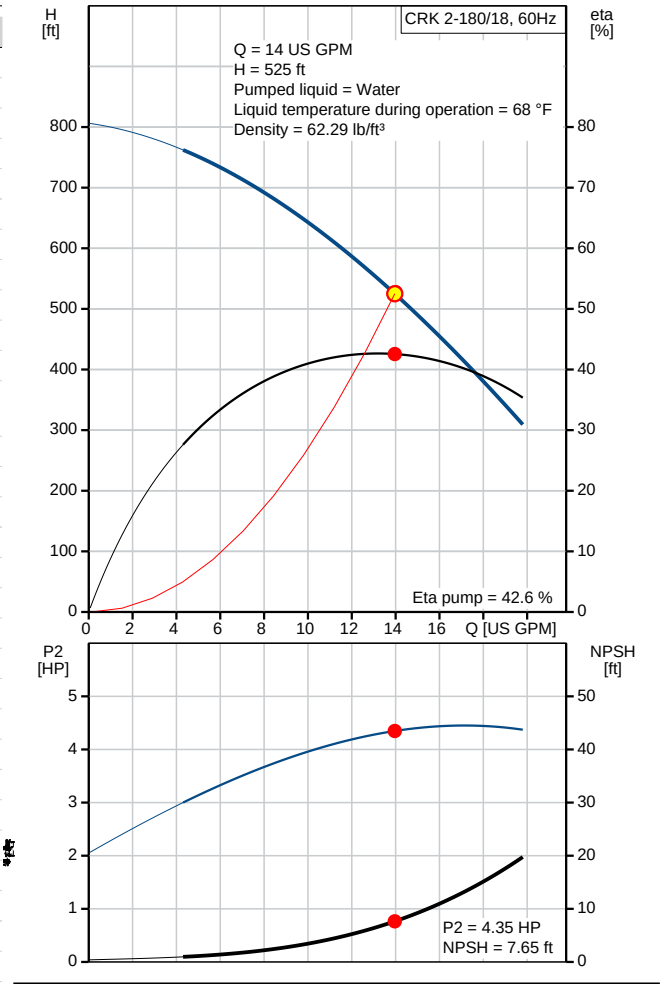


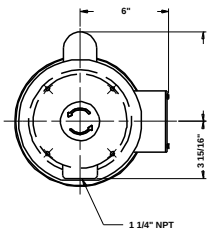


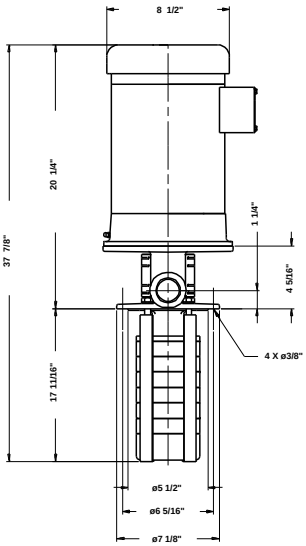
Company name:
Created by:
Phone:

Date: 15/04/2020

Description	Value
General information:	
Product name:	CRK 2-180/18 U-W-A-AUUV
Product No:	40Z97117
EAN number:	5700394403740
	5700394403740
Technical:	
Actual calculated flow:	14 US GPM
Resulting head of the pump:	525 ft
Stages:	18
Impellers:	18
Primary shaft seal:	AUUV
Approvals on motor nameplate:	UL Recognized Component, CSA
Curve tolerance:	ISO 9906:1999 Annex A
Pump No:	40920078
Pump version:	U
Materials:	
Pump head:	Cast iron
	EN-JL1030
	ASTM A48-30 B
Impeller:	Stainless steel
	DIN W.-Nr. 1.4301
	AISI 304
Material code:	A
Installation:	
Maximum ambient temperature:	104 °F
Pipe connection:	1 1/4" NPT
Flange size for motor:	184TC
Connect code:	W
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	32 .. 194 °F
Selected liquid temperature:	68 °F
Density:	62.29 lb/ft³
Electrical data:	
Motor type:	Baldor, TEFC
Rated power - P2:	5 HP
KVA code:	K
Mains frequency:	60 Hz
Rated voltage:	3 x 208-230/460 V
Service factor:	1.15
Rated current:	13.2-12/6 A
Starting current:	103.9-94/47 A
Load current:	15-13.6/6.8 A
Cos phi - power factor:	0.93
Rated speed:	3450 rpm
Motor efficiency at full load:	85.5 %
Insulation class (IEC 85):	F
Motor protec:	NONE
Motor No:	85600012
Others:	
Sales region:	Namreg
Country of origin:	US
Custom tariff no.:	8413.70.2040



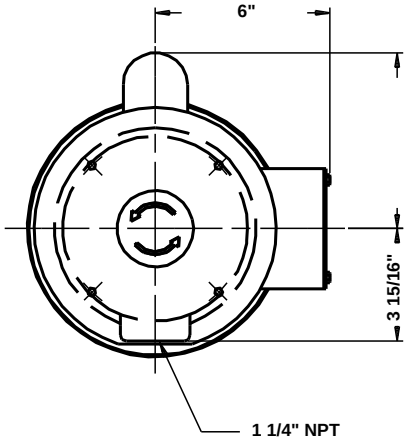


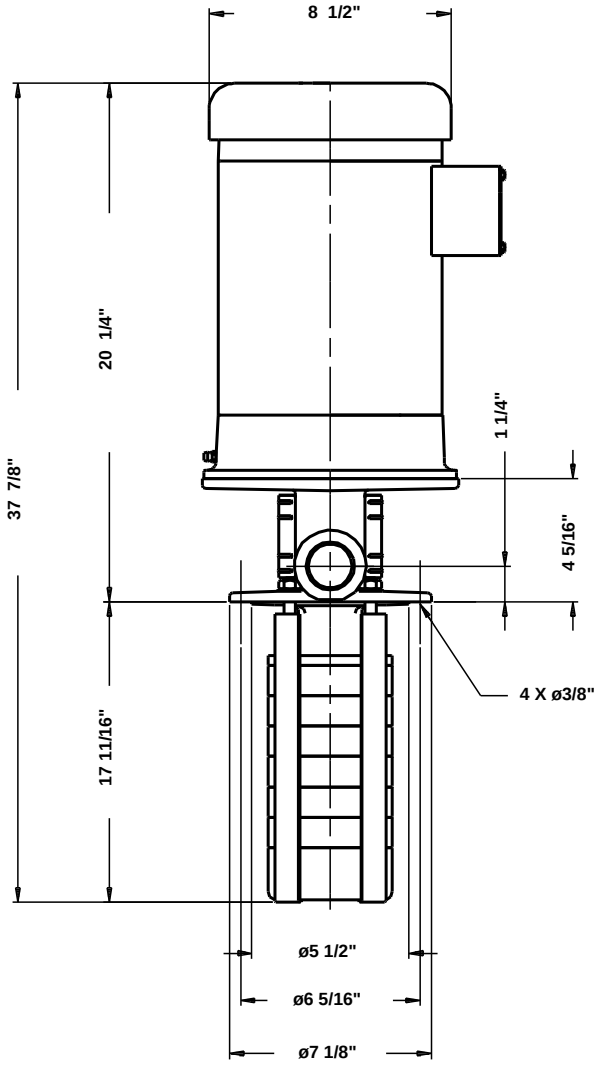


Company name:
Created by:
Phone:

Date: 15/04/2020

40Z97117 CRK 2-180/18 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.