

Submittal Data

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

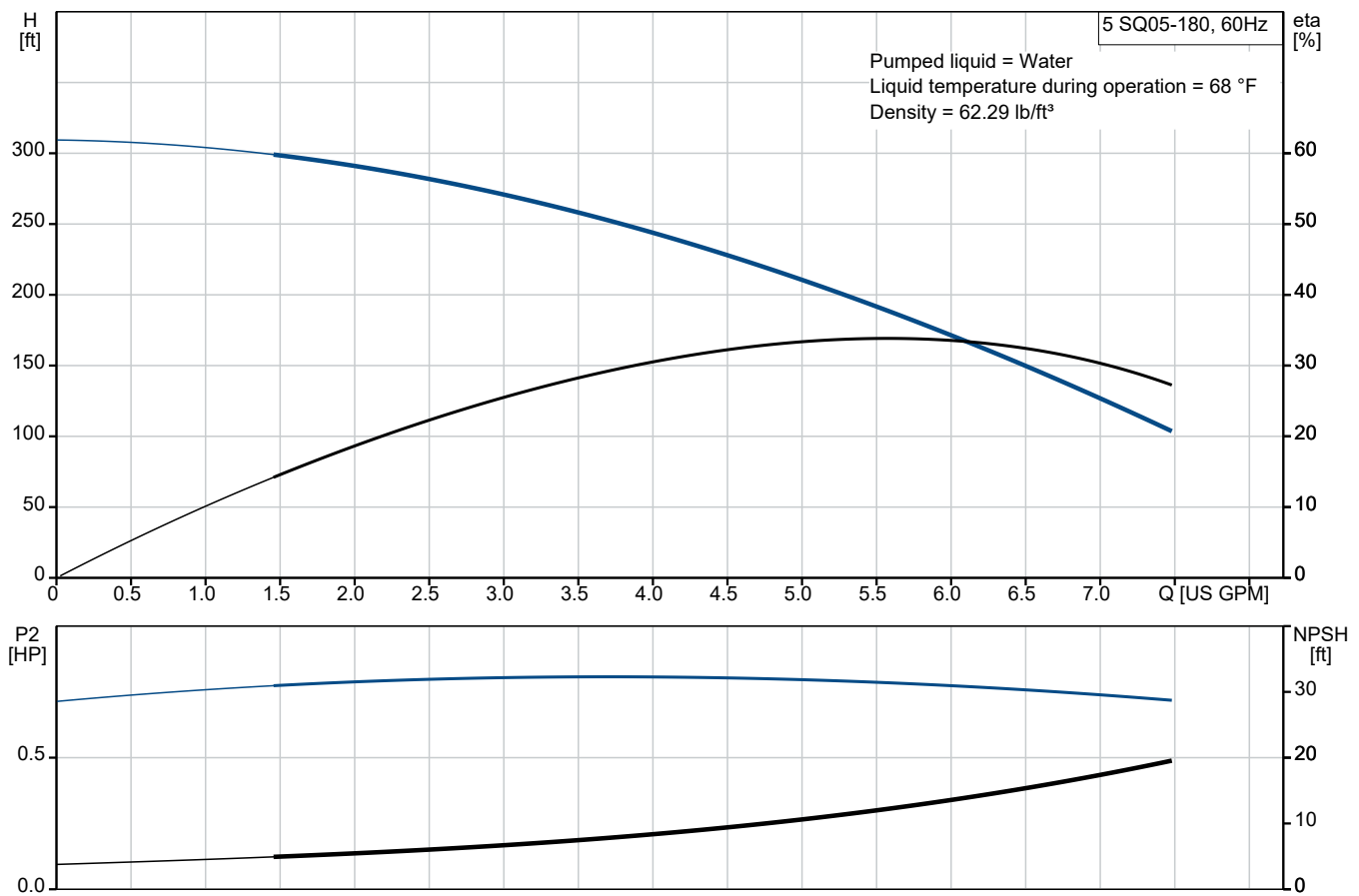


5 SQ05-180

Submersible pumps

Note! Product picture may differ from actual product

Conditions of Service	Pump Data	Motor Data
Liquid: Water Temperature: 68 °F Specific Gravity: 1.000	Liquid temperature range: 32 .. 95 °F Product number: On request	Rated voltage: 100-115 V Mains frequency: 60 Hz Enclosure class: IP68 Insulation class: F Motor protection: Y Thermal protection: INT Motor type: MS3



Submittal Data

Materials:

Impeller: Composite

Motor: Stainless steel

Motor: DIN W.-Nr. 1.4301

Motor: AISI 304

Qty.	Description
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1	5 SQ05-180
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Note! Product picture may differ from actual product

Product No.: On request

3" multi-stage, submersible pump designed for domestic water supply, liquid transfer in tanks, irrigation and environmental applications. The pump has "floating" impellers, each with its own tungsten carbide/ceramic bearing.

The pump features soft starting and protection against dry-running, upthrust, overvoltage, undervoltage, overload and overtemperature.

The motor is a single-phase motor of the permanent magnet rotor type ensuring optimum efficiency within a wide load range.

The motor is fitted with a replaceable end cover with socket.

Liquid:

Pumped liquid:	Water
Liquid temperature range:	32 .. 95 °F
Selected liquid temperature:	68 °F
Density:	62.29 lb/ft³

Technical:

Pump speed on which pump data are based:	10700 rpm
Rated flow:	4.4 US GPM
Rated head:	236.2 ft
Approvals:	cULus
Curve tolerance:	ISO9906:2012 3B

Materials:

Pump:	Stainless steel EN 1.4301 AISI 304
Impeller:	Composite ZYTEL 70G30 HSLR PA6.6-GF30
Motor:	Stainless steel DIN W.-Nr. 1.4301 AISI 304

Installation:

Maximum operating pressure:	217.56 psi
Pump outlet:	1"NPT
Minimum borehole diameter:	2.99 in

Electrical data:

Motor type:	MS3
Power input - P1:	1.09 kW
Rated power - P2:	0.939 HP
Power (P2) required by pump:	1.34 HP
Mains frequency:	60 Hz



Company name:

Created by:

Phone:

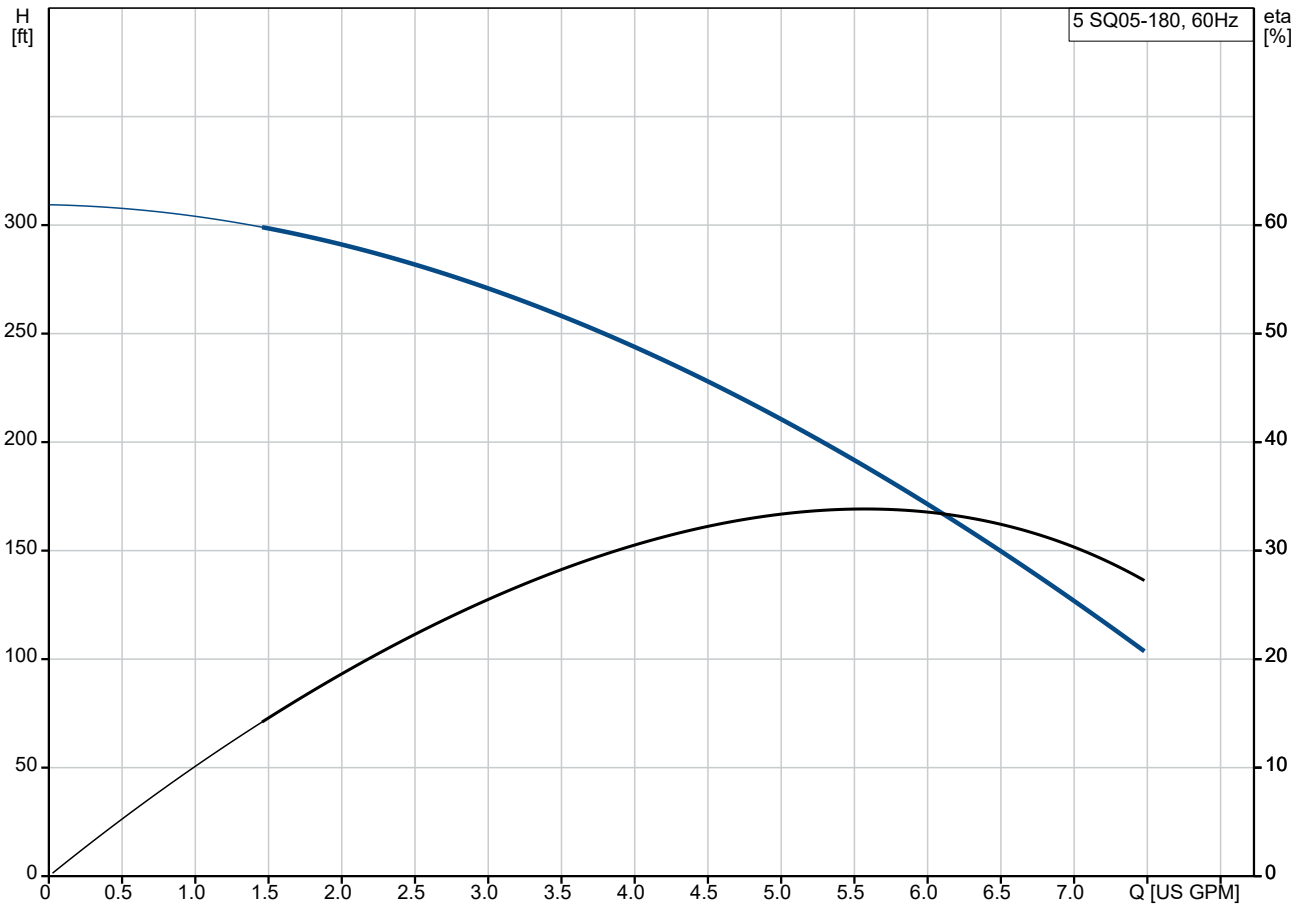
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19/08/2024

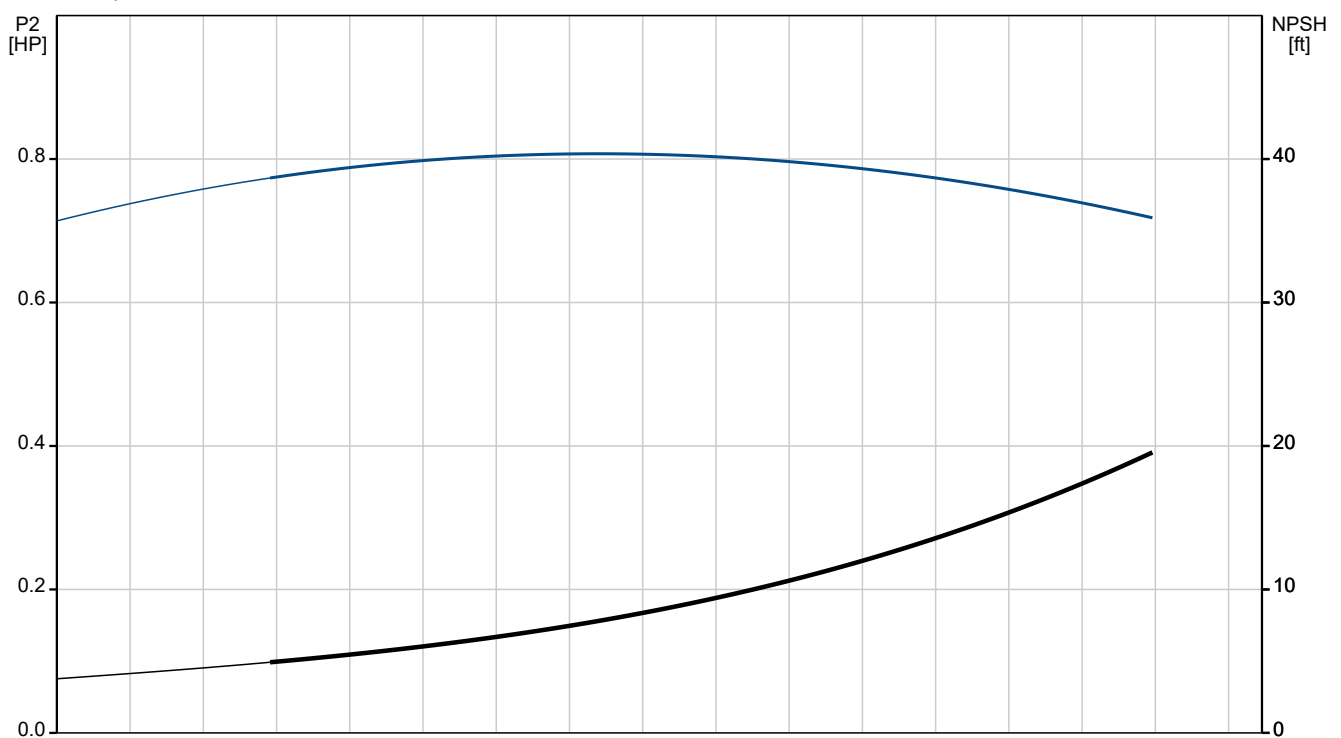
Qty.	Description
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1	Rated voltage: 1 x 100-115 V
	Service factor: 1.85
	Rated current: 12 A
	Power factor: 1.00
	Rated speed: 10700 rpm
	Start. method: DOL
	Enclosure class (IEC 34-5): IP68
	Insulation class (IEC 85): F
	Length of cable: 4.92 ft
	Motor No: 96160551
	Others:
	Net weight: 10.8 lb
	Gross weight: 12.3 lb
	Country of origin: MX
	Custom tariff no.: 8413.70.2004

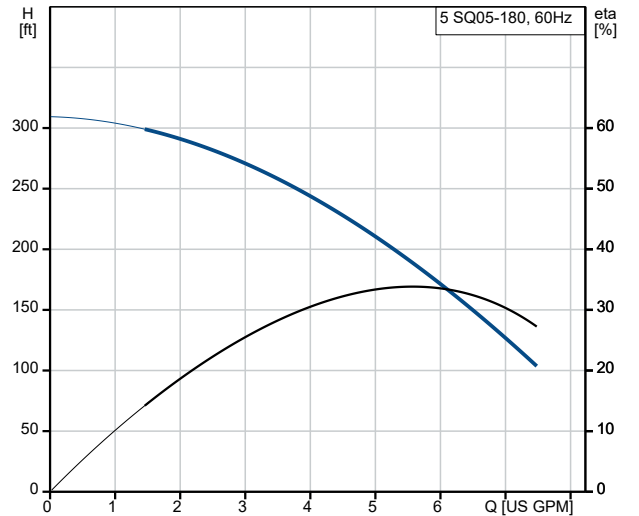
On request 5 SQ05-180 60 Hz



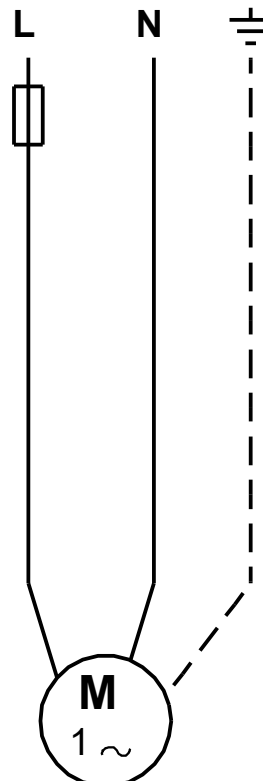
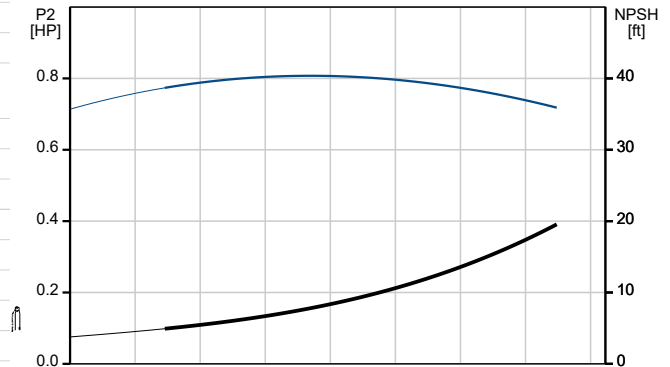
Pumped liquid = Water
 Liquid temperature during operation = 68 °F
 Density = 62.29 lb/ft³



Description	Value
General information:	
Product name:	5 SQ05-180
Product No:	On request
EAN number:	On request
Technical:	
Pump speed on which pump data are based:	10700 rpm
Rated flow:	4.4 US GPM
Rated head:	236.2 ft
Stages:	4
Approvals:	cULus
Curve tolerance:	ISO9906:2012 3B
Pump No:	96397393
Model:	B
Valve:	Y
Materials:	
Pump:	Stainless steel
Pump:	EN 1.4301
Pump:	AISI 304
Impeller:	Composite
Impeller:	ZYTEL 70G30 HSLR PA6.6-GF30
Motor:	Stainless steel
Motor:	DIN W.-Nr. 1.4301
Motor:	AISI 304
Installation:	
Maximum operating pressure:	217.56 psi
Pump outlet:	1"NPT
Minimum borehole diameter:	2.99 in
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	32 .. 95 °F
Selected liquid temperature:	68 °F
Density:	62.29 lb/ft³
Electrical data:	
Motor type:	MS3
Power input - P1:	1.09 kW
Rated power - P2:	0.939 HP
Power (P2) required by pump:	1.34 HP
Mains frequency:	60 Hz
Rated voltage:	1 x 100-115 V
Service factor:	1.85
Rated current:	12 A
Power factor:	1.00
Rated speed:	10700 rpm
Start. method:	DOL
Enclosure class (IEC 34-5):	IP68
Insulation class (IEC 85):	F
Built-in motor protection:	Y
Thermal protec:	INT
Length of cable:	4.92 ft
Motor No:	96160551
Controls:	
CU 300/CU 301:	N
Others:	
Net weight:	10.8 lb
Gross weight:	12.3 lb
Sales region:	Namreg



Pumped liquid = Water
Liquid temperature during operation = 68 °F
Density = 62.29 lb/ft³





Company name:

Created by:

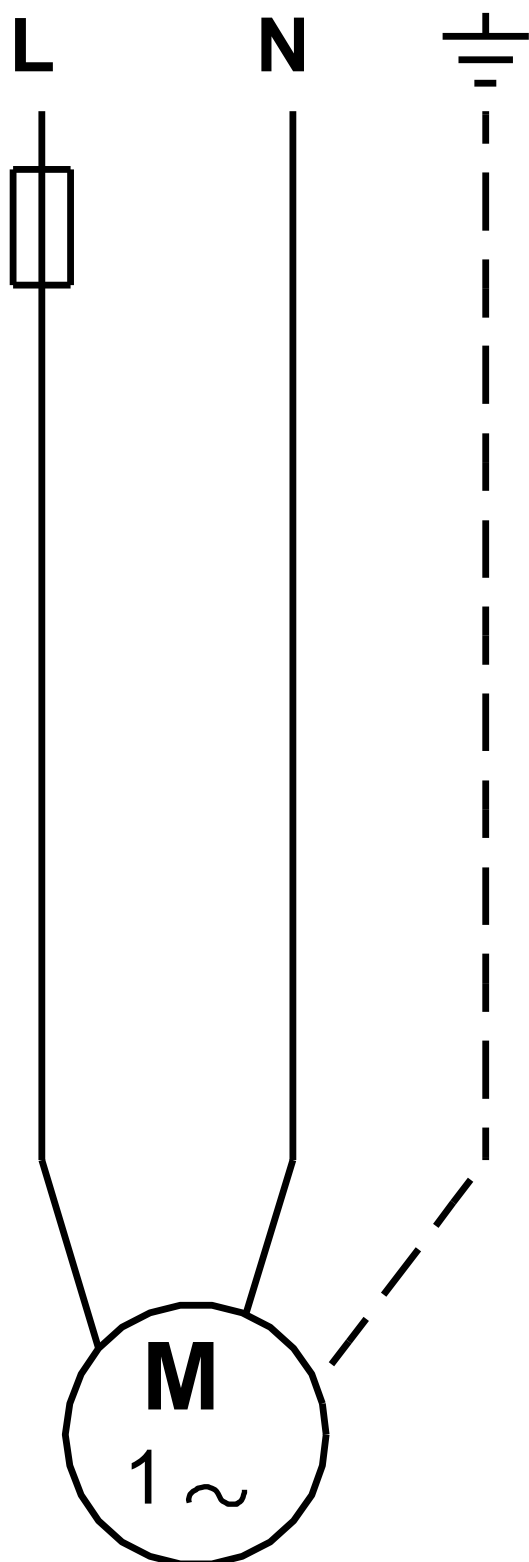
Phone:

Date:

19/08/2024

Description	Value
Country of origin:	MX
Custom tariff no.:	8413.70.2004

On request 5 SQ05-180 60 Hz



Note! All units are in [in] unless others are stated.

