# **GRUNDFOS**

#### Submittal Data

PROJECT:	Hurley Engineering-TPE3 READY TO SHIP	UNIT TAG: TYPE OF SERVICE:		QUANTITY:	1
REPRESENTATIVE:	Hurley Engineering	SUBMITTED BY:	Devin Carle	DATE:	2/10/2020
ENGINEER:		APPROVED BY:		DATE:	
CONTRACTOR:	To Be Determined	ORDER NO.:		DATE:	

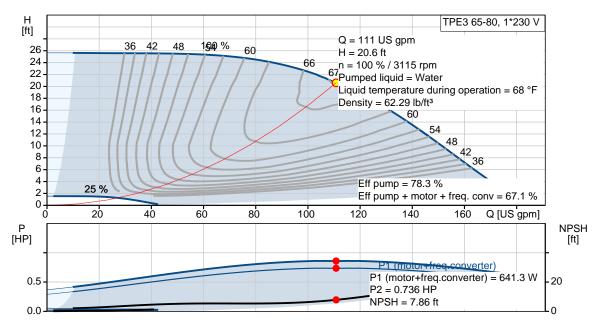


#### TPE3 65-80 S-A-G-A-BQQE-EAB

Single-stage in-line pumps with frequency converters

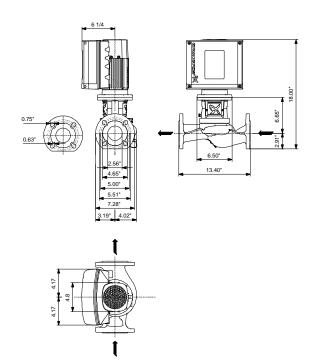
Product photo could vary from the actual product

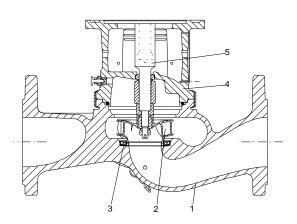
Conditions of Service		Pump Data		Motor Data	
Flow: Head: Efficiency: Liquid: Temperature: NPSH required: Viscosity: Specific Gravity:	111 US gpm 20.6 ft 67.1 % Water 68 °F 7.86 ft 1.000	Liquid temperature range: Maximum ambient temperature: Shaft seal: Pipe connection: Product number:	-13 248 °F 122 °F BQQE DN 65 98819667	Rated power - P2: Rated voltage: Main frequency: Number of poles: Enclosure class: Insulation class: Motor protection: Motor type:	0.75 HP 200-240 V 60 Hz 0 IP55 F YES 71A
Viscosity:				Motor protection:	YES





#### Submittal Data





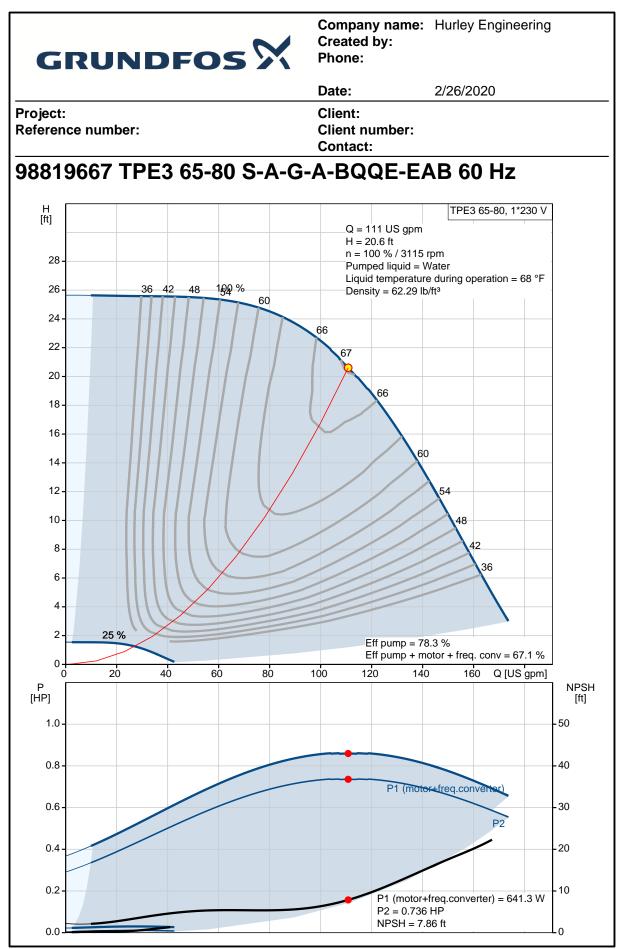
#### Materials:

Pump housing:	
	ASTM A48-40 B
Impeller:	Composite PES/PP 30% GF
Material code:	A

G	RUNDFOS	Created by	ne: Hurley Engineering		
		Date:	2/26/2020		
Projec Refere	t: nce number:	Client: Client number Contact:	r:		
Count	Description				
1	TPE3 65-80 S-A-G-A-BQQE-E	AB			
	be removed for maintenance of The shaft seal is according to E Pipework connection is via PN The pump is fitted with a fan-co is classified as IE5 in accordan The motor includes a frequency	r service while the pump housin N 12756. Pipework connection 6 ANSI flanges. poled, permanent-magnet synch ce with IEC 60034-30-2. converter and PI controller in t the motor speed, which again e	otor, pump head and impeller) can g remains in the pipework. is via PN 16 ANSI flanges. aronous motor. The motor efficiency		
	Controls: Frequency converter:	Built-in			
	Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density:	Water -13 248 °F 68 °F 62.29 lb/ft <sup>3</sup>			
	Technical:Pump speed on which pump data is based: 3000 rpmActual calculated flow:111 US gpmResulting head of the pump:20.6 ftActual impeller diameter:3.07 inCode for shaft seal:BQQECurve tolerance:ISO9906:2012 3B2				
	<b>Materials:</b> Pump housing:	Cast iron ASTM A48-40 B			



		Date:	2/26/2020
Project Refere	:: nce number:	Client: Client numb Contact:	er:
Count	Description		
	Impeller:	EN 1561 EN-GJL-250 Composite PES/PP 30% GR	=
	Installation: Range of ambient temperature: Maximum operating pressure: Type of connection: Pipe connection: Pressure rating for pipe connecti Flange size for motor:	PN 16 bar ANSI DN 65	
	Electrical data: Motor type: IE Efficiency class: Rated power - P2: Main frequency: Rated voltage: Rated current: Cos phi - power factor: Rated speed: IE efficiency: Motor efficiency at full load: Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor Number:	71A IE5 0.75 HP 60 Hz 1 x 200-240 V 3.45-2.90 A 0.98 360-4000 rpm 85.3% 85.3 % 0 IP55 F 99630320	
	Others: Net weight: Gross weight: Country of origin: Custom tariff no.:	61.7 lb 61.7 lb HU 8413.70.2022	



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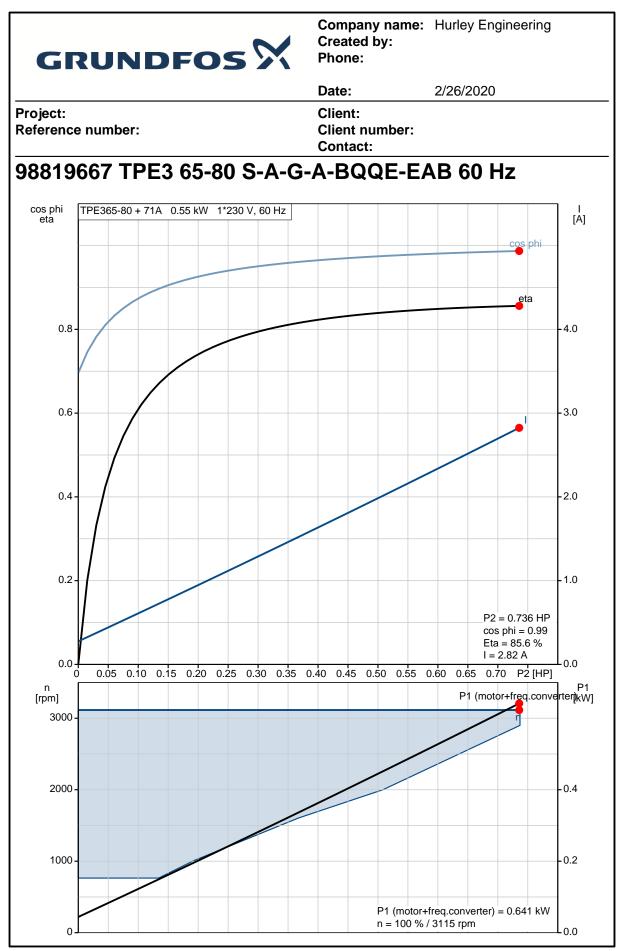


Project: Reference number:       Client: Client number: Client number: Client number: Client number: Client number: Client number: Client number: Contact:         Description       Value         General Information:       TPE3 65-90 S-A:G-A:BQOE-EAB Product No:         Product name:       S-A:G-A:BQOE-EAB Product No:         Product No:       99819867         Pump speed on which pump data is based.       5712601844703         Technical:       5712601844703         Pump speed on which pump data is based.       3000 rpm         Actual calculated flow:       111 US gpm         Resulting head of the pump: 20.6 ft         Head max:       26.25 ft         Actual accluated flow:       307 in         Code for shaft seail:       BQOE         Curve tolerance:       ISO3905:2012 3B2         Pump housing:       Cast iron         Materials:       Composite PES/PP 30%         Pump housing:       Cast iron         Installation:       A         Range of ambient temperature:       4			Date: 2/26/2020
DescriptionValueCeneral Information:TPE3 65-80Product name:S-A:G-A-BOQE-EABProduct No:98819667EAN:5712601844703Technical:Pumpe signalPump speed on which pump3000 rpmdata is based:3000 rpmActual acculated flow:111 US gpmResulting head of the pump:20.6 ftHead max:22.25 ftActual acculated flow:11509906:2012 382Pump speed in which pump:0.6 ftHead max:22.25 ftActual acculated flow:ISO9906:2012 382Pump version:AModel:AMaterials:Composite PES/PP 30%Imstallation:Fisiel Env.GLI-250Connection:ANSIPipe connection:ANSIPipe connection:ANSIPipe connection:NN 65Pressure rating for pipePN 16Primerature:4 122 °FMaximum operating pressure:PN 16Primerature:64 °FDensity:62.29 Int/PElectrical data:Ele5Motor type:71AElefficiency class:Ele5Rated orgenet:3.248 °FSelected liquid temperature:64 °FDensity:Color 2.040 VRated oursen;7.15 HPMain frequency:60 °FDensity:60 °FDensity:60 °FRated outge:1 240 °FSelected liquid temperature:60 °FElefficiency class: </th <th></th> <th></th> <th>Client number:</th>			Client number:
General information: Product Name: TPE3 65-80 S-A-G-A-BQQE-EAB Product No.: 99819667 EAN: 5712601844703 5712601844703 5712601844703 5712601844703 5712601844703 5712601844703 5712601844703 Technical: Pump speed on which pump data is based: Actual calculated flow: 111 US gpm Resulting head of the pump: 20.6 ft Head max: 20.25 ft Actual impeller diameter: 3.07 in Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 382 Pump version: A Actual calculated flow: GF Materials: Pump housing: Cast iron Materials: Pump housing: Cast iron Materials: Pump housing: Cast iron Materials: Pump for pice Cast iron Materials: Pump housing: Cast iron ArSTM A48-40 B EN 1561 EN-GJL-250 Impeller: Composite PES/PP 30% GF Material code: A Installation: Range of ambient temperature: 4122 °F Maximum operating pressure: PN 16 bar Type of connection: DN 65 Pressure rating for pice Connection: PN 16 Flange size for motor: 56C Connectode: G Liquid: Pumpel liquid: Water Liquid temperature: 88 °F Selected liquid temperature: 68 °F Density: 62.29 Jbt/N Elefficiency class: IE5 Rated ourset: 1 x 200-240 V Rated voltage: 300-4000 prm	Description	Value	[ft]
Product name:TPE3 65-80 S-A-G-A-BOQE-EAB S-A-G-A-BOQE-EABProduct No.:98819667EAN:5712601844703Technical:Pumpediguid: Value Autor during operation = 68 °FPump speed on which pump data is based:3000 rpmActual calculated flow:111 US gpmResulting head of the pump:20.6 ftHead max:28.25 ftActual inpeller diameter:3000 rpmCode for shaft seal:BOQECurve tolerance:ISO9906:2012 3B2Pump version:AModel:AMaterials:Cast ironPump busing:Cast ironComposite PES/PP 30% GFMaterials code:AType of connection:N1 66Pinge state for motor:SoType of connection:PN 166Pinange ize for motor:SoPoresure rating for pipe connection:PN 16Plange size for motor:SoSelected liquid temperature:4.: 122 °FRated power - P2:0.75 HPBin frequency:68 °FDensity:62.29 ib/th3Electrical data: Motor type:T1AIE Efficiency class:IE5Rated power - P2:0.75 HPRated power - P2:0.75 HPRated opower - P2:0.75 HPRated opower - P2:0.75 HPRated opower - P2:0.75 HPRated speed:360-4000 rpmIE efficiency:8.3%	General information:		
Product No.: 988/9667 EAN: 5712601844703 Technical: Pump speed on which pump data is based: 3000 rpm Actual accludated flow: 20.6 ft Head max: 22.5 ft Actual accludated flow: 20.6 ft Head max: 22.5 ft Actual accludated flow: 111 US gpm Resulting head of the pump: 20.6 ft Head max: 22.5 ft Actual insulated flow: 3000 pm Materials: Pump version: A Model: A Model: A Model: Composite PES/PP 30% GF Material code: A Insulation: DN 65 Pressure rating for pipe Connection: PN 16 bar Type of connection: DN 65 Pressure rating for pipe Connection: DN 65 Pie Connection: DN 65 Pressure rating for pipe Connection: DN 65 Pressure	Product name:		26 – n = 100 % / 3115 rpm Pumped liquid = Water
EAN: 5712601844703 5712601844703 Technical: Pump speed on which pump data is based: Actual calculated flow: 111 US gpm Resulting head of the pump: 20.6 ft Head max: 26.25 ft Actual impeller diameter: 3.07 in Code for shaft seal: Course tolerance: ISO9906:2012 3B2 Pump version: A Materials: Pump housing: Cast iron EN 1561 EN-GJL-250 Impeller: Composite PES/PP 30% GF Material code: A Installation: Range of ambient temperature: $4 122  {}^{e}F$ Maximum operating pressure: PN 16 bar Type of connection: ANSI Pipe connection: ANSI Pipe connection: ANSI Pipe connection: S6C Connect code: G Liquid: Pumped liquid: Water Liquid temperature: 68 ${}^{e}F$ Density: 62.29 ib/ft <sup>a</sup> Electrical data: Motor type: 71A IE Efficiency class: IE5 Rated opwer: P2: 0.75 HP Main frequency: 60 Hz Rated voltage: 1 x 200-240 V Rated speed: 360-4000 rpm	Product No.:	98819667	
5712601844703Technical:Pump speed on which pump data is based:Actual calculated flow:111 US gpmResulting head of the pump:20.6 ftHead max:26.25 ftActual isolated flow:3.07 inCode for shaft seal:BOQECurve tolerance:ISO9906:2012 3B2Pump version:AModel:AMaterials:Pump version:Pump version:AMaterial code:AEN 1561 EN-GJL-250Inpeller:Composite PES/PP 30% GFMaterial code:AInstallation:ARange of ambient temperature: $4$	EAN:	5712601844703	
Technical:Pump speed on which pump data is based:3000 rpmActual calculated flow:111 US gpmResulting head of the pump: 20.6 ft20.6 ftHead max:26.25 ftActual calculated flow:3.07 inCode for shaft seal:BQQECurve tolerance:ISO9906:2012 3B2Pump version:AModel:AMaterials:Pump housing:Pump housing:Cast ironAstTM A48-40 BEN 1561 EN-GJL-250Impeller:Composite PES/PP 30% GFMaterial code:AInstallation:An 122 °FMaterial code:AInstallation:ANSIPipe connection:DN 65Pressure rating for pipe connection:PN 16Flange size for motor:56CConnection:DN 65Pressure rating for pipe connection:PN 16Flange size for motor:56CConnection:BN 8Pipe onlicitWaterLiquid temperature:6 °FDensity:62 20 Ib/f*Electrical data: Motor type:71AEleficiency class:IE5Rated power:71AEleficiency:60 HzRated voltage:1 x 200-240 VRated voltage:1 x 200-240 VRated speed:360-4000 rpmElefficiency:8 5%		5712601844703	66
Pump speed on which pump tata is based:3000 rpmActual calculated flow:111 US gpmResulting head of the pump:20.6 ftHead max:26.25 ftActual impeller diameter:3.07 inCode for shaft seal:BQQECurve tolerance:ISO9906:2012 3B2Pump version:AModel:AMaterials:Pump housing:Cast ironASTM A48-40 BEN 1561 EN-GJL-250Impeller:Composite PES/PP 30% GFMaterial code:AInstallation:Range of ambient temperature:-4122 °FMaximum operating pressure:PN 16 barType or connection:DN 65Pressure rating for pipe Connect code:GLiquid temperature:-63 °FDensity:62.29 ib/ftPElectrical data:Motor type:Motor type:71AIE Efficiency class:IE5Rated ovoltage:1 x 200-240 VRated voltage:1 x 200-240 VRated speed:360-4000 rpmRated speed:360-4000 rpmEdificiency:85.3%	Technical:		
Actual calculated flow: 111 US gpm Resulting head of the pump: 20.6 ft Head max: 26.25 ft Actual impeller diameter: 3.07 in Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 3B2 Pump version: A Materials: Pump housing: Cast iron Pump housing: Cast iron ASTM A48-40 B EN 1561 EN-GJL-250 Impeller: Composite PES/PP 30% GF Material code: A Installation: Range of ambient temperature: $4 122 °F$ Maximum operating pressure: PN 16 bar Type of connection: DN 65 Pressure rating for pipe PN 16 Flange size for motor: 56C Connect code: G Liquid: Pumpel liquid: Water Electrical data: Motor type: 71A IE Efficiency class: IE5 Rated power P2: 0.75 HP Main frequency: 60 Hz Rated voltage: 1 x 200-240 V Rated voltage: 1 x 200-240 V Rated voltage: 1 x 200-240 V Rated speed: 360-4000 rpm	Pump speed on which pump data is based:	3000 rpm	14
Resulting head of the pump: 20.6 ft Head max: 26.25 ft Actual impeller diameter: 3.07 in Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 3B2 Pump version: A Model: A Materials: Pump housing: Cast iron Pump bousing: Cast iron EN 1561 EN-GJL-250 Composite PES/PP 30% GF Material code: A Installation: Range of ambient temperature: -4122 °F Maximum operating pressure: PN 16 bar Type of connection: ANSI Pie connection: ANSI Pie connection: ANSI Pie connection: 56C Connect code: G Liquid: Pump beraiting for pipe connection: 56C Connect code: G Liquid temperature: 68 °F Deensity: 62.29 lb/th <sup>3</sup> Electrical data: Motor type: 71A El Efficiency class: IE5 Rated power - P2: 0.75 HP Main frequency: 60 Hz Rated voltage: 1 x 200-240 V Rated current: 3.45-2.90 A Cos pi - power factor: 0.58 Rated speed: 360-4000 rpm El efficiency: 8.3%	Actual calculated flow:	111 US gpm	
Head max: 26.25 ft Actual impeller diameter: 3.07 in Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 3B2 Pump version: A Materials: Pump housing: Cast iron Pump housing: Cast iron EN 1561 EN-GJL-250 Composite PES/PP 30% GF Material code: A Installation: Range of ambient temperature: $-4 122  {}^\circ F$ Maximum operating pressure: PN 16 bar Type of connection: DN 65 Pressure rating for pipe connection: DN 65 Pressure rating for pipe Connection: DN 65 Pressure rating for pipe Connection: DN 65 Plange size for motor: 56C Connect code: G Liquid: Flange size for motor: 56C Connect code: G Liquid: Hell filter (Composite PES) Rated power - P2: 0.75 HP Main frequency: 60 Hz Rated voltage: 1 x 200-240 V Rated coltage: 1 x 200-240 V Rated coltage: 1 x 200-240 V Rated speed: 360-4000 rpm	Resulting head of the pump:	20.6 ft	10
Actual impeller diameter: 3.07 in Code for shaft seal: BQOE Courve tolerance: ISO9906:2012 3B2 Pump version: A Model: A Materials: Pump housing: Cast iron ASTM A48-40 B EN 1561 EN-GJL-250 Composite PES/PP 30% GF Material code: A Installation: Range of ambient temperature: $-4 122 ^\circ$ F Maximum operating pressure: PN 16 bar Type of connection: ANSI Pipe connection: ANSI Pipe connection: PN 16 Flange size for motor: 56C Connect code: G Liquid: Pumped liquid: Water Liquid temperature range: -13 248 °F Selected liquid temperature: 68 °F Density: 62.29 Ib/fi <sup>3</sup> Electrical data: Motor type: 71A Electrical dat	Head max:	26.25 ft	36
Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 3B2 Pump version: A Model: A Materials: Pump housing: Cast iron ASTM A48-40 B EN 1561 EN-GJL-250 Composite PES/PP 30% GF Material code: A Installation: Range of ambient temperature: $4122  ^{\circ}F$ Maximum operating pressure: PN 16 bar Type of connection: DN 65 Pressure rating for pipe Connection: PN 16 bar Type of connection: DN 65 Pressure rating for pipe Connection: C Pumped liquid: Water Liquid temperature range: $-13248  ^{\circ}F$ Selected liquid temperature: $68  ^{\circ}F$ Density: $62.29  \text{Ib/fh}^{\circ}$ Electrical data: Motor type: 71A Elefticiency class: IE5 Rated power - P2: 0.75 HP Main frequency: 60 Hz Rated current: $3.45-2.90  \text{A}$ Cos phi - power factor: 0.98 Rated speed: $360-4000  \text{rpm}$	Actual impeller diameter:	3.07 in	
Curve tolerance: ISO9906:2012 3B2 Pump version: A Materials: Pump housing: Cast iron ASTM A48-40 B EN 1561 EN-GJL-250 Composite PES/PP 30% GF Material code: A Installation: Range of ambient temperature: -4 122 °F Maximum operating pressure: PN 16 bar Type of connection: ANSI Pipe connection: DN 65 Pressure rating for pipe connection: DN 65 Pressure rating for pipe connection: S6C Connect code: G Liquid: Pumpel liquid: Water Liquid temperature: 68 °F Density: 62.29 lb/t <sup>3</sup> Electrical data: Motor type: 71A IE Efficiency class: IE5 Rated power - P2: 0.75 HP Main frequency: 60 Hz Rated speed: 360-4000 rpm Ie efficiency: 85.3%	Code for shaft seal:	BQQE	
Pump version:AModel:AModel:AMaterials:Cast ironPump housing:Cast ironEN 1561 EN-CJL-250Impeller:Composite PES/PP 30% GFInstallation:AInstallation:ARange of ambient temperature:-4122 °FMaximum operating pressure:PN 16 barType of connection:ANSIPipe connection:DN 65Pressure rating for pipe connection:PN 16Flange size for motor:56CConnect code:GLiquid:WaterLiquid temperature:63 °FDensity:62.29 lb/ft³Electrical data:Motor type:Motor type:71AIE Efficiency class:IE5Rated power - P2:0.75 HPMain frequency:60 HzRated power - P2:0.75 HPMain frequency:60 HzRated speed:360-4000 rpmIE efficiency:85.3%	Curve tolerance:	ISO9906:2012 3B2	Eff pump + motor + freq. conv = 67.1 %
Materials:Pump housing:Cast ironPump housing:Cast ironASTM A48-40 BEN 1561 EN-GJL-250Composite PES/PP 30%Material code:AInstallation:Range of ambient temperature:-4122 °FMaximum operating pressure:PN 16 barType of connection:DN 65Pressure rating for pipe connection:PN 16Flange size for motor:56CConnect code:GLiquid:Pumpel liquid:Pumpel liquid:WaterLiquid temperature: encode:63 °FDensity:62.29 lb/tr3Electrical data:Motor type:Motor type:71AIE Efficiency class:IE5Rated power - P2:0.75 HPMain frequency:60 HzRated outage:1 x 200-240 VRated outage:1 x 200-240 VRated outage:1 x 200-240 VRated outage:1 x 200-240 VRated speed:360-4000 rpmIE efficiency:85.3%	Pump version:	А	
Materials:Pump housing:Cast ironASTM A48-40 BEN 1561 EN-GJL-250Composite PES/PP 30%GFMaterial code:AInstallation:Range of ambient temperature:-4122 °FMaximum operating pressure:PN 16 barType of connection:DN 65Pressure rating for pipe connection:Pumped liquid:WaterLiquid:FPumped liquid:WaterLiquid temperature:68 °FDensity:62.29 lb/ft*Electrical data:IE Efficiency class:Motor type:71AIE Efficiency class:IE5Rated over 1-P2:0.75 HPMain frequency:60 HzRated over factor:0.98Cos phi - power factor:0.98Goudance:3.45-2.90 ACos phi - power factor:0.98Bated speed:360-4000 rpmIE efficiency:85.3%	Model:	A	P NPSH (ff)
ASTM A48-40 BEN 1561 EN-GJL-250Impeller:Composite PES/PP 30%Material code:AInstallation:Range of ambient temperature:-4 122 °FMaximum operating pressure:PN 16 barType of connection:ANSIPipe connection:DN 65Pressure rating for pipe connection:PN 16Flange size for motor:56CConnect code:GLiquid:WPumped liquid:WaterLiquid temperature:68 °FDensity:62.29 lb/ft³Electrical data:Motor type:Motor type:71AIE Efficiency class:IE5Rated outage:1 x 200-240 VRated outage:1 x 200-240 VRated outage:1 x 200-240 VRated outage:1 x 200-240 VRated opeed:360-4000 rpmIE efficiency:85.3%	Materials:		
EN 1561 EN-GJL-250Impeller:Composite PES/PP 30% GFMaterial code:AInstallation:ARange of ambient temperature:-4122 °FMaximum operating pressure:PN 16 barType of connection:ANSIPipe connection:DN 65Pressure rating for pipe connection:PN 16Flange size for motor:56CConnect code:GLiquid:WaterLiquid temperature range:-13248 °FSelected liquid temperature:68.°FDensity:62.29 lb/th³Electrical data:Motor type:Motor type:71AIE Efficiency class:IE5Rated power - P2:0.75 HPMain frequency:60 HzRated voltage:1 x 200-240 VRated voltage:1 x 200-240 VRated voltage:1 x 200-240 VRated current:3.45-2.90 ACos phi - power factor:0.98Rated speed:360-4000 rpmIE efficiency:85.3%	Pump housing:		1.0
Impeller: Composite PES/PP 30%   Material code: A   Installation: Range of ambient temperature:   -4122 °F   Maximum operating pressure: PN 16 bar   Type of connection: DN 65   Pressure rating for pipe connection: DN 65   Pumped liquid: Water   Liquid: Vater   Density: 62.29 lb/ft <sup>3</sup> Electrical data: Motor type:   Motor type: 71A   IE Efficiency class: IE5   Rated opwer - P2: 0.75 HP   Main frequency: 60 Hz   Rated ourge: 1 x 200-240 V   Rated outage: 1 x 200-240 V   Rated speed: 360-4000 rpm   IE efficiency: 85.3%			
Impetiel. GF   Material code: A   Installation: A   Range of ambient temperature: -4122 °F   Maximum operating pressure: PN 16 bar   Type of connection: ANSI   Pipe connection: DN 65   Pressure rating for pipe connection: PN 16   Flange size for motor: 56C   Connect code: G   Liquid Pumped liquid:   Pumped liquid temperature: 68 °F   Density: 62.29 lb/ft³   Electrical data: Motor type:   Motor type: 71A   Ele Efficiency class: IE5   Rated over - P2: 0.75 HP   Main frequency: 60 Hz   Rated over - P2: 0.75 HP   Main frequency: 60 Hz   Rated speed: 360-4000 rpm   IE efficiency: 85.3%			P1 (mot theq.converter)
Installation:AInstallation:	Impeller:	Composite PES/PP 30% GF	P1 (motor+freq.converter) = 641.3 W
Installation:       0.0       10         Range of ambient temperature:       -4122 °F         Maximum operating pressure:       PN 16 bar         Type of connection:       ANSI         Pipe connection:       DN 65         Pressure rating for pipe connection:       DN 65         Pressure rating for pipe connection:       Selector         Connect code:       G         Liquid:       Water         Pumped liquid:       Water         Liquid temperature range:       -13248 °F         Selected liquid temperature:       68 °F         Density:       62.29 lb/ft <sup>3</sup> Electrical data:       Motor type:         Motor type:       71A         IE Efficiency class:       IE5         Rated power - P2:       0.75 HP         Main frequency:       60 Hz         Rated voltage:       1 x 200-240 V         Rated speed:       345-2.90 A         Cos phi - power factor:       0.98         Rated speed:       360-4000 rpm         IE efficiency:       85.3%	Material code:	A	
Maximum operating pressure:PN 16 barType of connection:ANSIPipe connection:DN 65Pressure rating for pipe connection:PN 16Flange size for motor:56CConnect code:GLiquid:WaterLiquid temperature range:-13 248 °FSelected liquid temperature:68 °FDensity:62.29 lb/ft³Electrical data:Motor type:Motor type:71AIE Efficiency class:IE5Rated power - P2:0.75 HPMain frequency:60 HzRated voltage:1 x 200-240 VRated ourrent:3.45-2.90 ACos phi - power factor:0.98Rated speed:360-4000 rpmIE efficiency:85.3%	Installation:		
Type of connection:ANSIPipe connection:DN 65Pressure rating for pipe connection:PN 16Flange size for motor:56CConnect code:GLiquid:WaterPumped liquid:WaterLiquid temperature range:-13 248 °FSelected liquid temperature:68 °FDensity:62.29 lb/ft³Electrical data:Motor type:Motor type:71AIE Efficiency class:IE5Rated power - P2:0.75 HPMain frequency:60 HzRated voltage:1 x 200-240 VRated ourrent:3.45-2.90 ACos phi - power factor:0.98Rated speed:360-4000 rpmIE efficiency:85.3%	Range of ambient temperature:	-4 122 °F	
Pipe connection:DN 65Pressure rating for pipe connection:PN 16Flange size for motor:56CConnect code:GLiquid:WaterPumped liquid:WaterLiquid temperature range:-13248 °FSelected liquid temperature:68 °FDensity:62.29 lb/ft³Electrical data:IE5Rated power - P2:0.75 HPMain frequency:60 HzRated voltage:1 x 200-240 VRated voltage:1 x 200-240 VRated voltage:1 x 200-240 VRated voltage:1 x 200-240 VRated speed:360-4000 rpmIE efficiency:85.3%	Maximum operating pressure:	PN 16 bar	
Pressure rating for pipe connection:PN 16Flange size for motor:56CConnect code:GLiquid:WaterPumped liquid:WaterLiquid temperature range:-13248 °FSelected liquid temperature:68 °FDensity:62.29 lb/ft³Electrical data:IE5Rated power - P2:0.75 HPMain frequency:60 HzRated voltage:1 x 200-240 VRated voltage:1 x 200-240 VRated voltage:1 x 200-240 VRated speed:360-4000 rpmIE efficiency:85.3%	Type of connection:	ANSI	
connection:FIN 16Flange size for motor:56CConnect code:GLiquid:WaterPumped liquid:WaterLiquid temperature range:-13 248 °FSelected liquid temperature:68 °FDensity:62.29 lb/ft³Electrical data:IE5Rated power - P2:0.75 HPMain frequency:60 HzRated voltage:1 x 200-240 VRated voltage:1 x 200-240 VRated speed:360-4000 rpmIE efficiency:85.3%	Pipe connection:	DN 65	
Connect code:GLiquid:WaterPumped liquid:WaterLiquid temperature range:-13 248 °FSelected liquid temperature:68 °FDensity:62.29 lb/ft³Electrical data:Motor type:71AIE Efficiency class:IE5Rated power - P2:0.75 HPMain frequency:60 HzRated voltage:1 x 200-240 VRated voltage:1 x 200-240 VRated current:3.45-2.90 ACos phi - power factor:0.98Rated speed:360-4000 rpmIE efficiency:85.3%		PN 16	
Liquid:WaterLiquid temperature range:-13 248 °FSelected liquid temperature:68 °FDensity:62.29 lb/ft³Electrical data:Motor type:71AIE Efficiency class:IE5Rated power - P2:0.75 HPMain frequency:60 HzRated voltage:1 x 200-240 VRated current:3.45-2.90 ACos phi - power factor:0.98Rated speed:360-4000 rpmIE efficiency:85.3%	Flange size for motor:	56C	100 3.00 727
Pumped liquid:WaterLiquid temperature range:-13 248 °FSelected liquid temperature:68 °FDensity:62.29 lb/ft³Electrical data:Motor type:71AIE Efficiency class:IE5Rated power - P2:0.75 HPMain frequency:60 HzRated voltage:1 x 200-240 VRated voltage:1 x 200-240 VRated current:3.45-2.90 ACos phi - power factor:0.98Rated speed:360-4000 rpmIE efficiency:85.3%	Connect code:	G	
Liquid temperature range:-13248 °FSelected liquid temperature:68 °FDensity:62.29 lb/ft³Electrical data:Motor type:71AIE Efficiency class:IE5Rated power - P2:0.75 HPMain frequency:60 HzRated voltage:1 x 200-240 VRated voltage:1 x 200-240 VRated voltage:1 x 200-240 VRated speed:360-4000 rpmIE efficiency:85.3%	Liquid:		
Selected liquid temperature:68 °FtDensity:62.29 lb/ft³Electrical data:Motor type:71AIE Efficiency class:IE5Rated power - P2:0.75 HPMain frequency:60 HzRated voltage:1 x 200-240 VRated current:3.45-2.90 ACos phi - power factor:0.98Rated speed:360-4000 rpmIE efficiency:85.3%		Water	
Density:62.29 lb/ft³Electrical data:Motor type:71AIE Efficiency class:IE5Rated power - P2:0.75 HPMain frequency:60 HzRated voltage:1 x 200-240 VRated current:3.45-2.90 ACos phi - power factor:0.98Rated speed:360-4000 rpmIE efficiency:85.3%			
Electrical data:Motor type:71AIE Efficiency class:IE5Rated power - P2:0.75 HPMain frequency:60 HzRated voltage:1 x 200-240 VRated current:3.45-2.90 ACos phi - power factor:0.98Rated speed:360-4000 rpmIE efficiency:85.3%	· · · ·		
Motor type:71AIE Efficiency class:IE5Rated power - P2:0.75 HPMain frequency:60 HzRated voltage:1 x 200-240 VRated current:3.45-2.90 ACos phi - power factor:0.98Rated speed:360-4000 rpmIE efficiency:85.3%	-	62.29 lb/ft <sup>3</sup>	
Motor type:71AIE Efficiency class:IE5Rated power - P2:0.75 HPMain frequency:60 HzRated voltage:1 x 200-240 VRated current:3.45-2.90 ACos phi - power factor:0.98Rated speed:360-4000 rpmIE efficiency:85.3%			
Rated power - P2:0.75 HPMain frequency:60 HzRated voltage:1 x 200-240 VRated current:3.45-2.90 ACos phi - power factor:0.98Rated speed:360-4000 rpmIE efficiency:85.3%			
Main frequency:60 HzRated voltage:1 x 200-240 VRated current:3.45-2.90 ACos phi - power factor:0.98Rated speed:360-4000 rpmIE efficiency:85.3%	-		
Rated voltage:1 x 200-240 VRated current:3.45-2.90 ACos phi - power factor:0.98Rated speed:360-4000 rpmIE efficiency:85.3%			
Rated current:3.45-2.90 ACos phi - power factor:0.98Rated speed:360-4000 rpmIE efficiency:85.3%	· · · · ·		
Cos phi - power factor:0.98Rated speed:360-4000 rpmIE efficiency:85.3%			
Rated speed:     360-4000 rpm       IE efficiency:     85.3%			
IE efficiency: 85.3%			
	-		
		00.0 %	

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		Date:	2/26/2020
Project: Reference number:		Client: Client number: Contact:	
Description	Value		
Number of poles:	0		
Enclosure class (IEC 34-5):	IP55		
Insulation class (IEC 85):	F		
Motor protection:	YES		
Motor Number:	99630320		
Controls:			
Control panel:	HMI300 - Graphical		
Function Module:	FM300 - Advanced		
Frequency converter:	Built-in		
Others:			
Net weight:	61.7 lb		
Gross weight:	61.7 lb		
Config. file no:	98481403		
Country of origin:	HU		
Custom tariff no .:	8413.70.2022		



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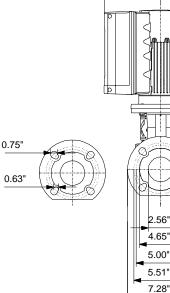
2/26/2020

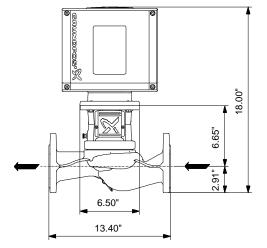
Project: Reference number: Date:

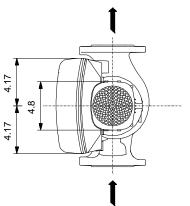
Client: Client number: Contact:

## 98819667 TPE3 65-80 S-A-G-A-BQQE-EAB 60 Hz

6 1/4







3.19" 4.02"

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

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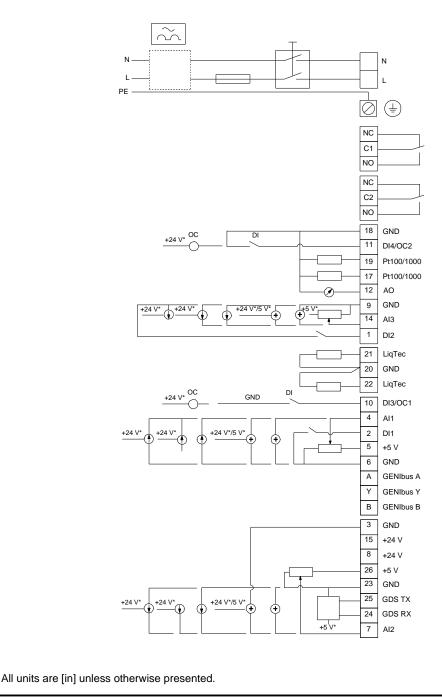


2/26/2020

Project: Reference number: Date:

Client: Client number: Contact:

### 98819667 TPE3 65-80 S-A-G-A-BQQE-EAB 60 Hz



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		Date:	2/26/2020
Project: Reference number:		Client: Client number: Contact:	
Order Data:			
Product name: Amount: Product No.:	TPE3 65-80 S-A-G-A-BQ 1 98819667	QE-EAB	
Total: Price on r	request		