

Submittal Data

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

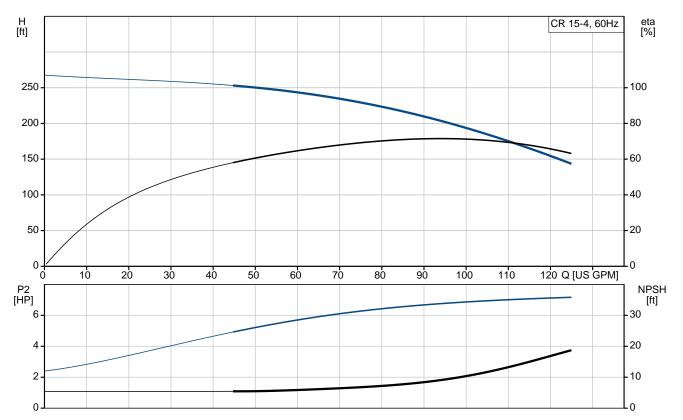


CR 15-4 A-GJ-A-E-HQQE

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)

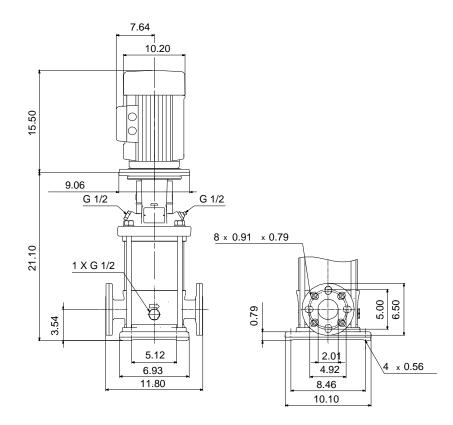
Note! Product picture may differ from actual product

Conditions of Service		Pump Data	Motor Data		
Flow: Head: Efficiency: Liquid: Temperature: NPSH required: Viscosity: Specific Gravity:	Water 68 °F ft 1.000	Max pressure at stated temp: Liquid temperature range: Maximum ambient temperature: Approvals: Shaft seal: Product number:	232 psi / 250 °F -4 248 °F 104 °F CURUS HQQE 96523533	Rated power - P2: Rated voltage: Mains frequency: Insulation class: Motor protection: Motor type:	7.5 HP 208-230 V 60 Hz F NONE BALDOR



Submittal Data





Materials:

Impeller:

Base:

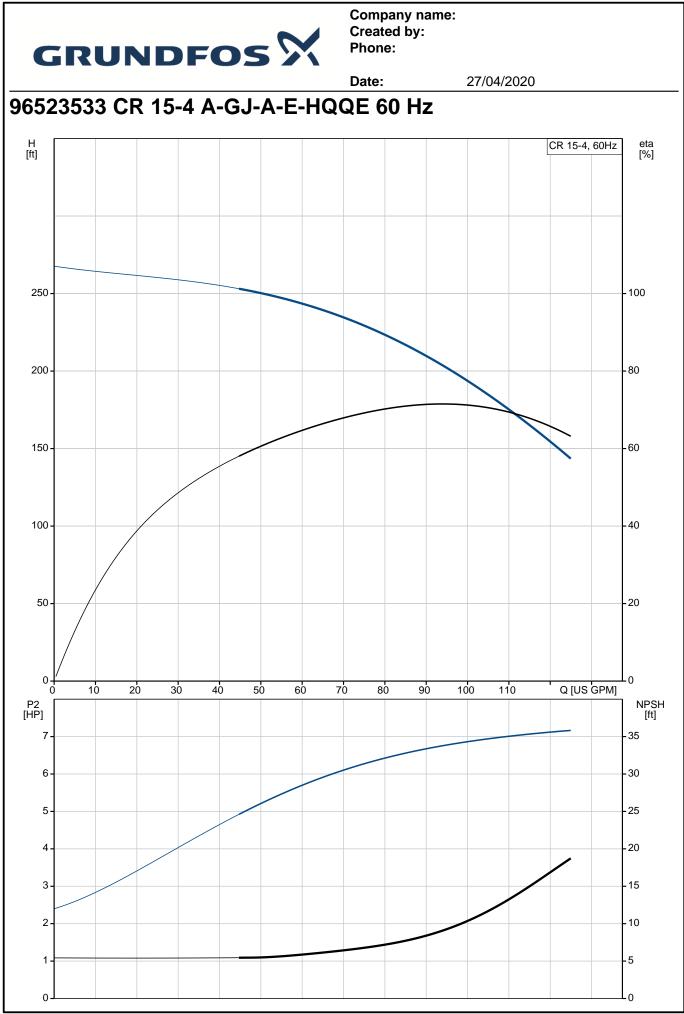
Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Stainless steel AISI 304 EN 1.4301 Material code: А Code for rubber: E

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Date: 27/04/2020 y. Description 1 CR 154 A GJA-E-HOQE Image: CR 155 CR 154 CR 154 CR 154 CR 155 CR 154 CR 155 CR 154 CR 155 C		GRUNDFO	os X	Company name: Created by: Phone:	
Image: CR 15-4 A-GJ-A-E-HQQE Image: CR 15-4 A-GJ-A-E-HQQE <td< th=""><th></th><th></th><th></th><th>Date:</th><th>27/04/2020</th></td<>				Date:	27/04/2020
Product Na: 95523533 Product Na: 95523533 Assessment in cost from - all topic works opticar are in stained st	Qty.	Description			
Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). The pump head and base are in cast iron – all other wetted parts are in stainless steel. A cartridge shaft seal ensures high reliability, safe handling and any access and service. Power transmission is via a rigid split coupling. Pipe connection is via combined ANASI-US flanges. The pump is fitted with a 1-phase, fan-cooled asynchronous motor. Liquid: Water Liquid temperature range: -4248 °F Selected liquid temperature: 68 °F Density: 62.29 lb/t ¹⁰ Technical: Pump speed on which pump data are based: Pump speed on which pump data are based: 3508 rpm Rated head: 20.9.3 ft Actual impeller claimeter: 4.13 in Pump orientation: Vertical Shaft seal arrangement: Single Code for shaft seal: HQDE Approvals on nameplate: CURUS Curve tolerance: ISO9906:2012 3B Materials: Base: Cast iron Asti Ma48-25B Impeller: Stainless steel EN 1561 Env.GL-200 ASTM A48-25B Impeller: Stainless steel EN 14.301 AlSI 304 Bearing:	1	CR 15-4 A-GJ-A-E-HQQE			
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Liquid: Water Liquid temperature: 68 °F Selected liquid temperature: 68 °F Density: 62.29 lb/ft ⁹ Technical: Pump speed on which pump data are based: Pump speed on which pump data are based: 308 rpm Rated flow: 90.3 US GPM Rated flow: Vertical Shaft seal arrangement: Single Code for shaft seal: HQQE Approvals on nameplate: CURUS Curve tolerance: ISO9906:2012 3B Materials: Base: Cast iron Base: Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Impeller: Stainless steel EN 1.4301 AISI 304 Earing: Bearing: SiZ SiZ of 9r Maxinum		base are in cast iron – all other v safe handling, and easy access	vetted parts are in sta	ainless steel. A cartrid	ge shaft seal ensures high reliability,
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Flange rating inlet:300 lbFlange size for motor:213TC					
Flange rating inlet:300 lbFlange size for motor:213TC		Pressure rating for connection:	PN 25		
Flange size for motor: 213TC					
Electrical data:		_			
		Electrical data:			



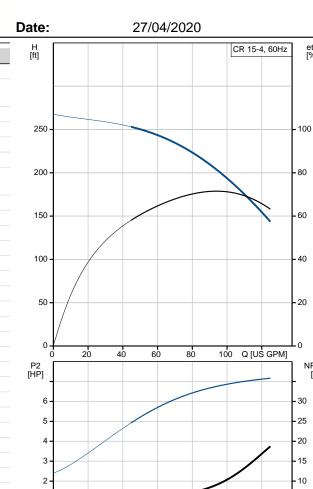
			Date:	27/04/2020	
у.	Description			-	
	Motor standard:	NEMA			
	Motor type:	BALDOR			
	Rated power - P2:	7.5 HP			
	Power (P2) required by pump:	7.5 HP			
	Mains frequency:	60 Hz			
	Rated voltage:	1 x 208-230 V			
	Service factor:	1.15			
	Rated current:	33.8-31.0 A			
	Rated speed:	3450 rpm			
	Number of poles:	2			
	Insulation class (IEC 85):	F			
	Motor No:	85700017			
	Controls:				
	Frequency converter:	NONE			
	Others:				
	DOE Pump Energy Index CL:	0.91			
	Net weight:	212 lb			
	Gross weight:	227 lb			
	Shipping volume:	13.1 ft ³			
	Country of origin:	US			
	Custom tariff no.:	8413.70.2040			





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eta [%]

NPSH [ft]

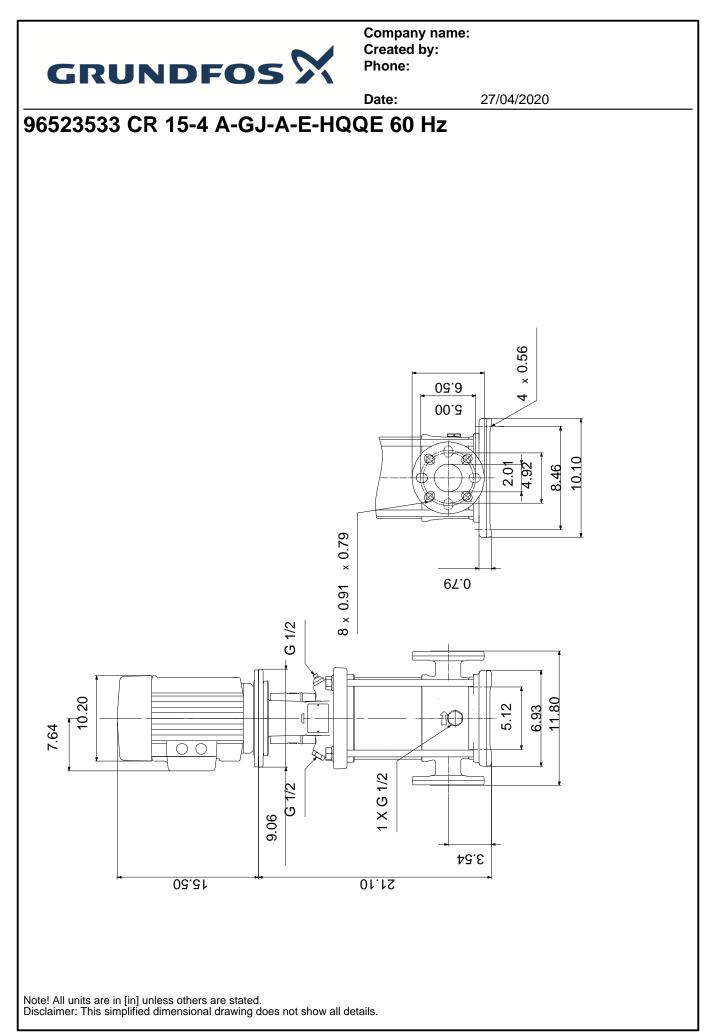
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General information:Product name:CR 15-4 A-GJ-A-E-HQQEProduct No:96523533EAN number:5700396906522Technical:3508 rpmPump speed on which pump data are based:3508 rpmRated flow:90.3 US GPMRated head:209.3 ftMaximum head:267.7 ftActual impeller diameter:4.13 inStages:4Impellers:4Number of reduced-diameter impellers:0Low NPSH:NPump orientation:VerticalShaft seal arrangement:SingleCode for shaft seal:HQQEApprovals on nameplate:CURUSCurve tolerance:ISO9906:2012 3BPump version:AModel:ACooling:TEFCMaterials:Ease:Ease:Cast ironEN 1661 EN-GJL-200ASTM A48-25BImpeller:Stainless steelEN 14301AISI 304Material code:ACode for rubber:EBearing:SICCInstallation:NIS0Maximum ambient temperature:104 °FMaximum operating pressure:232.06 psiMax pressure at stated temp:232 psi / 24 °FSize of outlet connection:DN 50Pressure rating for connection:PN 25Flange size for motor:213TCConnect code:GJLiquid temperature range:-4. 248 °FDensity:62.29 lb/tr3Elected	Description	Value
Product name:CR 15-4 A-GJ-A-E-HQQEProduct No:9652353EAN number:5700396906522Technical:5700396906522Technical:3508 rpmRated flow:90.3 US GPMRated flow:90.3 US GPMRated head:267.7 ftActual impeller diameter:4.13 inStages:4Impellers:4Number of reduced-diameter impellers:0Low NPSH:NPump orientation:VerticalShaft seal arrangement:SingleCode for shaft seal:HQQEApprovals on nameplate:CURUSCurve tolerance:ISO9906:2012 3BPump version:AModel:ACooling:TEFCMaterials:Base:Base:Cast ironEN 1561 EN-GJL-200ASTM A48-25BImpeller:Stainless steelImpeller:SilcMaterials:SilcBase:Cast ironEN 14301Alisi 304Material code:ACode for rubber:EEBearing:SilcInstallation:Maximum operating pressure:232.06 psiMax pressure at stated temp:232.06 psiMax pressure at stated temp:		
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Selected liquid temperature:68 °FDensity:62.29 lb/ft³Electrical data:Motor standard:NEMAMotor type:BALDORRated power - P2:7.5 HPPower (P2) required by pump:7.5 HPMains frequency:60 Hz		
Density:62.29 lb/ft³Electrical data:NEMAMotor standard:NEMAMotor type:BALDORRated power - P2:7.5 HPPower (P2) required by pump:7.5 HPMains frequency:60 Hz		
Electrical data:Motor standard:NEMAMotor type:BALDORRated power - P2:7.5 HPPower (P2) required by pump:7.5 HPMains frequency:60 Hz		
Motor standard:NEMAMotor type:BALDORRated power - P2:7.5 HPPower (P2) required by pump:7.5 HPMains frequency:60 Hz		02.23 ID/11°
Motor type:BALDORRated power - P2:7.5 HPPower (P2) required by pump:7.5 HPMains frequency:60 Hz		
Rated power - P2:7.5 HPPower (P2) required by pump:7.5 HPMains frequency:60 Hz		
Power (P2) required by pump:7.5 HPMains frequency:60 Hz		
Mains frequency: 60 Hz	•	
катеа voitage: 1 x 208-230 V		
	Raled voltage:	I X 208-230 V



		Date:	27/04/2020
Description	Value		
Service factor:	1.15		
Rated current:	33.8-31.0 A		
Load current:	39.3-35.5 A		
Rated speed:	3450 rpm		
Number of poles:	2		
Insulation class (IEC 85):	F		
Motor protec:	NONE		
Motor No:	85700017		
Controls:			
Frequency converter:	NONE		
Others:			
DOE Pump Energy Index CL:	0.91		
Net weight:	212 lb		
Gross weight:	227 lb		
Shipping volume:	13.1 ft ³		
Country of origin:	US		
Custom tariff no.:	8413.70.2040		





27/04/2020

96523533 CR 15-4 A-GJ-A-E-HQQE 60 Hz

