

Submittal Data

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



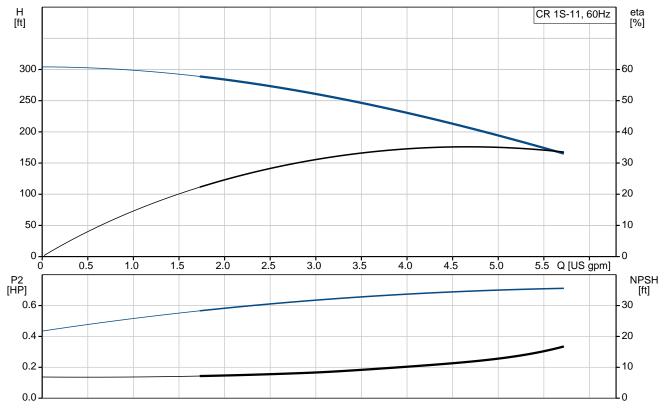
CR 1S-11 A-FGJ-A-V-HQQV

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)(AISI 304)

Conditions of Service		
Flow:		
Head:		
Efficiency:		
Liquid:	Water	
Temperature:	68 °F	
NPSH required:	ft	
Viscosity:		
Specific Gravity:	1.000	

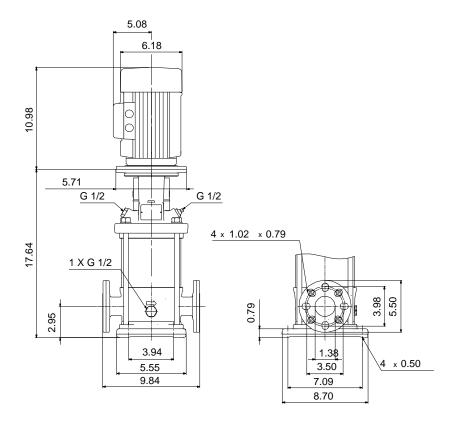
Pump Data				
Max pressure at stated temperature:	363 psi / 194 °F			
Liquid temperature range:	-4 194 °F			
Maximum ambient temperature:	104 °F			
Approvals:	CURUS			
Shaft seal:	HQQV			
Product number:	96081133			

Motor Data				
Rated power - P2:	0.75 HP			
Rated voltage:	115/208-230 V			
Main frequency:	60 Hz			
Enclosure class:	54 Dust/Splashing			
Insulation class:	В			
Motor protection:	NONE			
Motor type:	Baldor			





Submittal Data



Materials:

Base: Cast iron

EN 1561 EN-GJL-200

ASTM A48-25B

Impeller: Stainless steel

AISI 304

EN 1.4301

Material code: A Code for rubber: V



Date: 2/25/2019

Count | Description

1 CR 1S-11 A-FGJ-A-V-HQQV



Product No.: 96081133

Vertical, non-self-priming, multistage, in-line, centrifugal pump for installation in pipe systems and mounting on a foundation.

The pump has the following characteristics:

- Impellers and intermediate chambers are made of
- The shaft seal has assembly length
- according to EN 12756.
- Power transmission is via cast iron split coupling.

The motor is a 1-phase AC motor.

Controls:

Frequency converter: NONE

Liquid:

Pumped liquid: Water
Liquid temperature range: -4 .. 194 °F
Liquid temperature during operation: 68 °F
Density: 62.29 lb/ft³

Technical:

Rated pump speed: 3464 rpm
Rated flow: 4.84 US gpm
Rated head: 200.1 ft
Pump orientation: Vertical
Shaft seal arrangement: Single
Code for shaft seal: HQQV
Approvals on nameplate: CURUS

Curve tolerance: ISO9906:2012 3B

Materials:

Base: Cast iron

EN 1561 EN-GJL-200 ASTM A48-25B

Impeller: Stainless steel

EN 1.4301 AISI 304

Bearing: SIC

Installation:

Maximum ambient temperature: 104 °F Maximum operating pressure: 363 psi

Max pressure at stated temperature: 363 psi / 194 °F

363 psi / -4 °F

Type of connection: DIN / ANSI / JIS



Date: 2/25/2019

Count | Description

Size of inlet connection: DN 25/32
Size of suction port: 1 1/4 inch
Size of outlet connection: DN 25/32
Size of outlet port: 1 1/4 inch
Pressure rating for pipe connection: PN 25
Flange rating inlet: 250 lb
Flange size for motor: 56C

Electrical data:

Motor standard:
Motor type:
Rated power - P2:
Power (P2) required by pump:
Main frequency:

NEMA
Baldor
0.75 HP
0.75 HP
60 Hz

Rated voltage: 1 x 115/208-230 V

Service factor: 1.25

Rated current: 9,60/5,00-4,80 A Rated speed: 3450 rpm

Number of poles: 2

Enclosure class (IEC 34-5): 54 Dust/Splashing

Insulation class (IEC 85): B

Others:

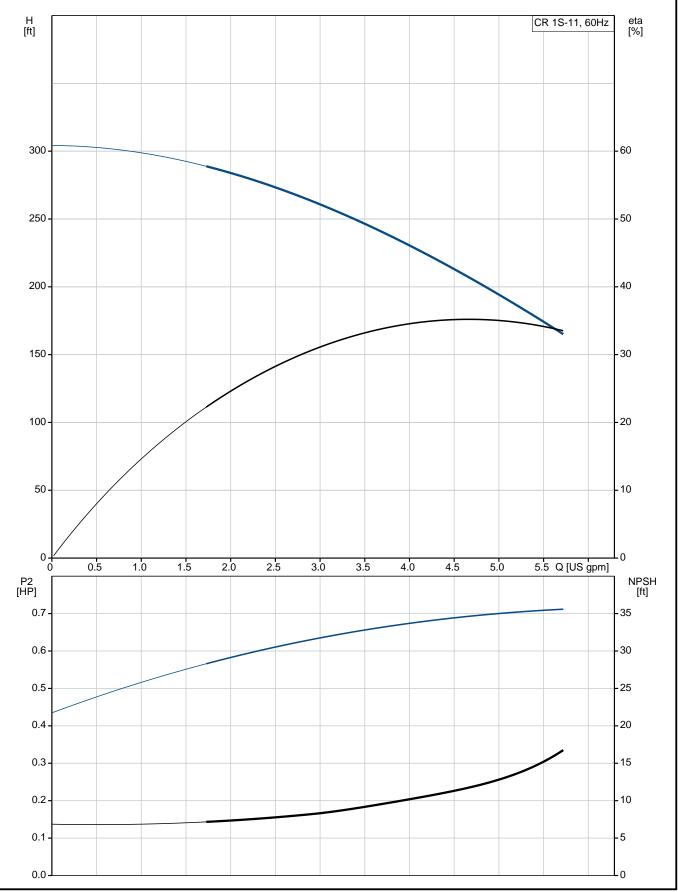
Net weight: 72.5 lb
Gross weight: 87.1 lb
Shipping volume: 6.11 ft³
Country of origin: US

Custom tariff no.: 8413.70.2040



Date: 2/25/2019

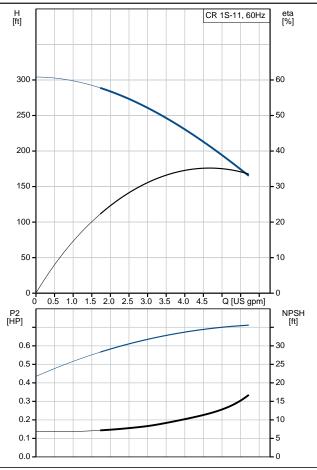
96081133 CR 1S-11 A-FGJ-A-V-HQQV 60 Hz

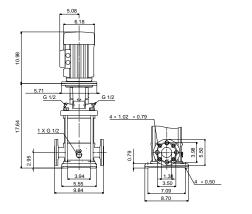


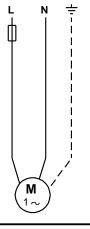


Date: 2/25/2019

General information:	Description	Value	
Product name: CR 1S-11 A-FGJ-A-V-HQQV Product No.: 96081133 EAN: 5700395155976 Technical: Rated pump speed: 3464 rpm Rated flow: 4.84 US gpm Rated flow: 200.1 ft Head max: 303.2 ft Stages: 11 Impellers: 11 Number of reduced-diameter impellers: 0 LOW NPSH: N Pump orientation: Vertical Shaft seal arrangement: Single Code for shaft seal: HQQV Approvals on nameplate: CURUS Curve tolerance: ISO9906:2012 3B Pump version: A Model: A Cooling: TEFC Materials: Base: Cast iron Material code: A Code for rubber: V Bearing: Slo Installation: V Maximum ambient temperature: 363 psi / 14 °F Type of connection: DN 25/32 Size of sutlet connection: DN 25/32 Size of outlet port: 11/4 inch Pressure rating for pipe connection: PN 25 Plange rating inlet: 250 lb Flange rating inlet: 250 lb Flange rating inlet: 960 Hz Liquid temperature range: 4 194 °F Liquid temperature during operation: 68 °F Density: 62.29 lb/ft³ Electrical data: Motor type: Baldor Rated power - P2: 0.75 HP Main frequency: 0.75 HP	Description General information:	value	
Product No.: 96081133 EAN: 5700395155976 Technical: 3464 rpm Rated pump speed: 3464 rpm Rated flow: 4.84 US gpm Rated head: 200.1 ft Head max: 303.2 ft Stages: 11 Impellers: 11 Number of reduced-diameter impellers: 0 Low NPSH: N Pump orientation: Vertical Shaft seal arrangement: Single Code for shaft seal: HQQV Approvals on nameplate: CURUS Curve tolerance: ISO9906:2012 3B Pump version: A Model: A Cooling: TEFC Materials: Base: Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Impeller: Stainless steel EN 1.4301 Als1 304 Material code: A Code for rubber: V Bearing: SIC Installation: Maximum ambient temperature: 104 °F Maximum operating pressure: 363 psi Max pressure at stated temperature: 363 psi / 4 °F Type of connection: DIN / ANSI / JIS Size of suction port: 1 1/4 inch Pressure rating for pipe connection: DN 25/32 Size of outlet connection: DN 25/32 Size of outlet connection: DN 25/32 Size of outlet port: 1 1/4 inch Pressure rating for pipe connection: PN 25 Flange rating inlet: 250 lb Flange size for motor: 56C Connect code: FGJ Liquid: Water Liquid temperature range: 4 194 °F Liquid temperature during operation: 68 °F Density: 62.29 lb/ft³ Electrical data: Motor standard: NEMA Motor type: Baldor Rated power - P2: 0.75 HP Power (P2) required by pump: 0.75 HP Power (P2) required by pump: 0.75 HP Power (P2) required by pump: 0.75 HP			
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Bearing: SIC			
Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temperature: 363 psi / 194 °F 363 psi / -4 °F Type of connection: DIN / ANSI / JIS Size of inlet connection: DN 25/32 Size of suction port: 1 1/4 inch Size of outlet connection: DN 25/32 Size of outlet port: 1 1/4 inch Pressure rating for pipe connection: PN 25 Flange rating inlet: 250 lb Flange size for motor: Connect code: FGJ Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during operation: Density: Electrical data: Motor standard: Motor standard: Motor type: Rated power - P2: Power (P2) required by pump: Main frequency: 60 Bis psi / 194 °F 104 °F 105 PS		•	
Maximum operating pressure: Max pressure at stated temperature: 363 psi / 194 °F 363 psi / -4 °F Type of connection: DIN / ANSI / JIS Size of inlet connection: DN 25/32 Size of suction port: 1 1/4 inch Size of outlet connection: DN 25/32 Size of outlet connection: PN 25/32 Size of outlet port: 1 1/4 inch Pressure rating for pipe connection: PN 25 Flange rating inlet: 250 lb Flange size for motor: Connect code: FGJ Liquid: Pumped liquid: Water Liquid temperature range: Liquid temperature during operation: Density: 62.29 lb/ft³ Electrical data: Motor standard: Motor type: Rated power - P2: Power (P2) required by pump: Main frequency: 60 Hz			
Max pressure at stated temperature: 363 psi / 194 °F 363 psi / -4 °F Type of connection: DIN / ANSI / JIS Size of inlet connection: DN 25/32 Size of suction port: 1 1/4 inch Size of outlet connection: DN 25/32 Size of outlet connection: DN 25/32 Size of outlet port: 1 1/4 inch Pressure rating for pipe connection: PN 25 Flange rating inlet: 250 lb Flange size for motor: 56C Connect code: FGJ Liquid: Pumped liquid: Water Liquid temperature range: -4 194 °F Liquid temperature during operation: 68 °F Density: 62.29 lb/ft³ Electrical data: Motor standard: NEMA Motor type: Baldor Rated power - P2: 0.75 HP Power (P2) required by pump: 0.75 HP Main frequency: 60 Hz	Maximum ambient temperature:	104 °F	
363 psi / -4 °F Type of connection: DIN / ANSI / JIS Size of inlet connection: DN 25/32 Size of suction port: 1 1/4 inch Size of outlet connection: DN 25/32 Size of outlet port: 1 1/4 inch Pressure rating for pipe connection: PN 25 Flange rating inlet: 250 lb Flange size for motor: 56C Connect code: FGJ Liquid: Pumped liquid: Water Liquid temperature range: -4 194 °F Liquid temperature during operation: 68 °F Density: 62.29 lb/ft³ Electrical data: Motor standard: NEMA Motor type: Baldor Rated power - P2: 0.75 HP Power (P2) required by pump: 0.75 HP Main frequency: 60 Hz	Maximum operating pressure:	363 psi	
Type of connection: Size of inlet connection: DIN / ANSI / JIS Size of inlet connection: DN 25/32 Size of suction port: 1 1/4 inch Size of outlet connection: DN 25/32 Size of outlet port: 1 1/4 inch Pressure rating for pipe connection: PN 25 Flange rating inlet: 250 lb Flange size for motor: Connect code: FGJ Liquid: Pumped liquid: Uvater Liquid temperature range: Liquid temperature during operation: 68 °F Density: Electrical data: Motor standard: Motor type: Rated power - P2: Power (P2) required by pump: Main frequency: ON 25/32 11/4 inch DN 25/32 14/4 inch Water 14/4 inch PN 25 FN 25 6C Connect code: FGJ Liquid: Water Liquid temperature during operation: 68 °F Density: 62.29 lb/ft³ Electrical data: Motor standard: NEMA Motor type: Rated power - P2: Power (P2) required by pump: 0.75 HP Main frequency: 60 Hz	Max pressure at stated temperature:	363 psi / 194 °F	
Size of inlet connection: Size of suction port: 1 1/4 inch Size of outlet connection: DN 25/32 Size of outlet connection: DN 25/32 Size of outlet port: 1 1/4 inch Pressure rating for pipe connection: PN 25 Flange rating inlet: 250 lb Flange size for motor: 56C Connect code: FGJ Liquid: Pumped liquid: Uvater Liquid temperature range: Liquid temperature during operation: 68 °F Density: Electrical data: Motor standard: Motor type: Rated power - P2: Power (P2) required by pump: Main frequency: 60 Hz		363 psi / -4 °F	
Size of suction port: Size of outlet connection: DN 25/32 Size of outlet port: Pressure rating for pipe connection: PN 25 Flange rating inlet: Flange size for motor: Connect code: FGJ Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during operation: Electrical data: Motor standard: Motor type: Rated power - P2: Power (P2) required by pump: Motor standard: Main frequency: NEMA NEMA Motor type: Baldor O.75 HP Main frequency: 60 Hz	Type of connection:	DIN / ANSI / JIS	
Size of outlet connection: Size of outlet port: 1 1/4 inch Pressure rating for pipe connection: PN 25 Flange rating inlet: Flange size for motor: Connect code: FGJ Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during operation: Density: Electrical data: Motor standard: Motor type: Rated power - P2: Power (P2) required by pump: Motor type: Main frequency: DN 25/32 1 1/4 inch PN 25 FOS 68 FGJ Water Liquid: Water Liquid temperature during operation: 68 °F Density: 62.29 lb/ft³ Electrical data: Motor standard: NEMA Motor type: Baldor Rated power - P2: 0.75 HP Main frequency: 60 Hz	Size of inlet connection:	DN 25/32	
Size of outlet port: Pressure rating for pipe connection: PN 25 Flange rating inlet: Flange size for motor: Connect code: FGJ Liquid: Pumped liquid: Uquid temperature range: Liquid temperature during operation: Density: Electrical data: Motor standard: Motor type: Rated power - P2: Power (P2) required by pump: Motor standard: Main frequency: 1 1/4 inch PN 25 FN 25 FOR 3 FGJ Water Liquid temperature during operation: 68 °F 62.29 lb/ft³ Electrical data: NEMA Motor type: Baldor Rated power - P2: 0.75 HP Main frequency: 60 Hz	Size of suction port:	1 1/4 inch	
Pressure rating for pipe connection: PN 25 Flange rating inlet: 250 lb Flange size for motor: 56C Connect code: FGJ Liquid: Pumped liquid: Water Liquid temperature range: -4 194 °F Liquid temperature during operation: 68 °F Density: 62.29 lb/ft³ Electrical data: Motor standard: NEMA Motor type: Baldor Rated power - P2: 0.75 HP Power (P2) required by pump: 0.75 HP Main frequency: 60 Hz			
Flange rating inlet: 250 lb Flange size for motor: 56C Connect code: FGJ Liquid: Pumped liquid: Water Liquid temperature range: -4 194 °F Liquid temperature during operation: 68 °F Density: 62.29 lb/ft³ Electrical data: Motor standard: NEMA Motor type: Baldor Rated power - P2: 0.75 HP Power (P2) required by pump: 0.75 HP Main frequency: 60 Hz	·	,	
Flange size for motor: 56C Connect code: FGJ Liquid: Pumped liquid: Water Liquid temperature range: -4 194 °F Liquid temperature during operation: 68 °F Density: 62.29 lb/ft³ Electrical data: Motor standard: NEMA Motor type: Baldor Rated power - P2: 0.75 HP Power (P2) required by pump: 0.75 HP Main frequency: 60 Hz	9		
Connect code: FGJ Liquid: Pumped liquid: Water Liquid temperature range: -4 194 °F Liquid temperature during operation: 68 °F Density: 62.29 lb/ft³ Electrical data: Motor standard: NEMA Motor type: Baldor Rated power - P2: 0.75 HP Power (P2) required by pump: 0.75 HP Main frequency: 60 Hz			
Liquid: Pumped liquid: Uiquid temperature range: Liquid temperature during operation: Density: 62.29 lb/ft³ Electrical data: Motor standard: Motor type: Rated power - P2: Power (P2) required by pump: Main frequency: Water -4 194 °F -68 °F -62.29 lb/ft³ Electrical data: NEMA NEMA Notor type: Baldor -75 HP -75 HP -76 HP -76 HP -77 HP -78 HP -			
Pumped liquid: Liquid temperature range: Liquid temperature during operation: 68 °F Density: 62.29 lb/ft³ Electrical data: Motor standard: Motor type: Rated power - P2: Power (P2) required by pump: Main frequency: Water 4 194 °F 68 °F 62.29 lb/ft³ 82.29 lb/ft³ 62.29 lb/ft³ 82.29 lb/ft³ 62.29 lb/ft³ 6		FGJ	
Liquid temperature range: Liquid temperature during operation: Density: 62.29 lb/ft³ Electrical data: Motor standard: Motor type: Rated power - P2: Power (P2) required by pump: Main frequency: -4 194 °F -68 °F -69.29 lb/ft³ Baldor NEMA NEMA 0.75 HP 0.75 HP 60 Hz	•	Water	
Liquid temperature during operation: 68 °F Density: 62.29 lb/ft³ Electrical data: Motor standard: NEMA Motor type: Baldor Rated power - P2: 0.75 HP Power (P2) required by pump: 0.75 HP Main frequency: 60 Hz	· · · · · · · · · · · · · · · · · · ·		
Density: 62.29 lb/ft³ Electrical data: Motor standard: NEMA Motor type: Baldor Rated power - P2: 0.75 HP Power (P2) required by pump: 0.75 HP Main frequency: 60 Hz			
Electrical data: Motor standard: Motor type: Rated power - P2: Power (P2) required by pump: Main frequency: NEMA Baldor 0.75 HP 0.75 HP 60 Hz			
Motor standard: Motor type: Rated power - P2: Power (P2) required by pump: Main frequency: NEMA Baldor 0.75 HP 0.75 HP 60 Hz		J_1_0 10/10	
Motor type: Baldor Rated power - P2: 0.75 HP Power (P2) required by pump: 0.75 HP Main frequency: 60 Hz		NEMA	
Rated power - P2: 0.75 HP Power (P2) required by pump: 0.75 HP Main frequency: 60 Hz			
Power (P2) required by pump: 0.75 HP Main frequency: 60 Hz	* *		
Main frequency: 60 Hz			
· · ·		60 Hz	
		1 x 115/208-230 V	









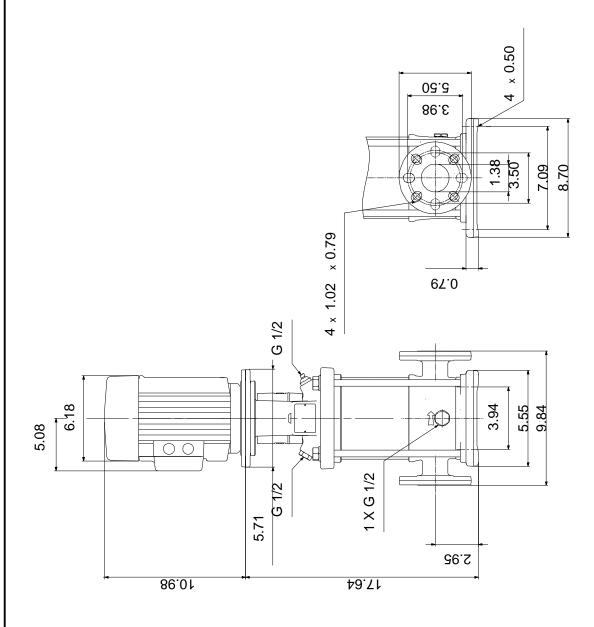
Date: 2/25/2019

Description	Value	
Service factor:	1.25	
Rated current:	9,60/5,00-4,80 A	
Load current:	11.4/6.0-5.7 A	
Rated speed:	3450 rpm	
Number of poles:	2	
Enclosure class (IEC 34-5):	54 Dust/Splashing	
Insulation class (IEC 85):	В	
Motor protection:	NONE	
Motor Number:	84Z04001	
Controls:		
Frequency converter:	NONE	
Others:		
Net weight:	72.5 lb	
Gross weight:	87.1 lb	
Shipping volume:	6.11 ft ³	
Country of origin:	US	
Custom tariff no.:	8413.70.2040	



Date: 2/25/2019

96081133 CR 1S-11 A-FGJ-A-V-HQQV 60 Hz

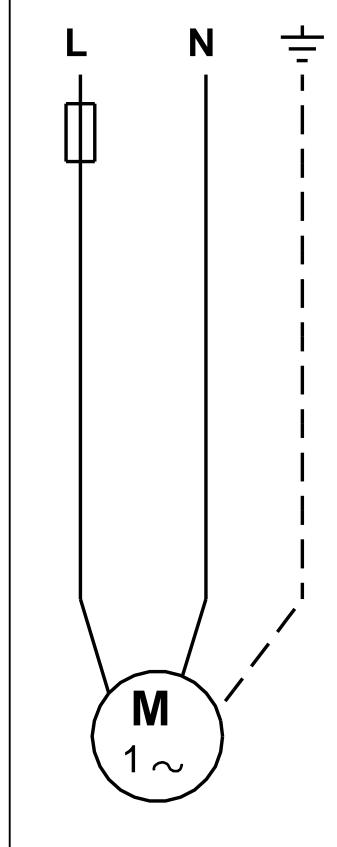


Note! All units are in [mm] unless otherwise stated. Disclaimer: This simplified dimensional drawing does not show all details.



Date: 2/25/2019

96081133 CR 1S-11 A-FGJ-A-V-HQQV 60 Hz



All units are [mm] unless otherwise presented.