



COMPRESSED GAS PRODUCTS

The FasTest® solutions for gas connectors have a number of advantages:

- RPV Pin is stainless and stronger than the WEH pin
- RPV pin is a stocked, cataloged part and field replacement is possible with standard tools
- Bail pin is larger in diameter and stronger than the WEH unit
- Designed, Manufactured and Repaired in the USA

reliably
RATERMANN

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FasTest® GAS CONNECTORS

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CGA Standard Product Line Selection Guide

FILL PLANT EQUIPMENT CGA STANDARD PRODUCTS

FasTest Connector Housing	CGA Standard Model	Ratermann Part Number	Application	Pressure Rating (PSI)	Features
	870 Yoke	Pt # QF-H870	Medical Oxygen	3600 PSI	<ul style="list-style-type: none"> • Black anodized aluminum or brass body • Delrin actuator lever • Stainless steel actuator piston • Viton elastomer seals, EPDM optional • Brass grade 360 wetted components • Cleaned for O₂ service • Weight 15.5 oz.
	540 Medical Oxygen Female	Pt # QFT-MED540F <i>Female Termination Supply Side</i>	Medical Oxygen	3600 PSI	<ul style="list-style-type: none"> • Stainless steel and brass components • Sleeve Activation • Safety Locking Mechanism • Viton Elastomer Seals • Female: 90° Right Angle 1/4" NPT Termination Port • Male: Straight 1/4" NPT termination port • Specifically designed for self contained 540 medical cylinder and inverted rack filling • Cleaned for O₂ service • Weight 26 oz.
	540 Medical Oxygen Male	Pt # QFT-MED540M <i>Male Termination Supply Side</i>	Medical Oxygen	3600 PSI	
	580 Male	Pt # QFT-580	Inert Gases	3600 PSI	<ul style="list-style-type: none"> • Stainless steel and brass components • Stainless steel bail-style actuator handle • EPDM elastomer seals • Brass & stainless steel wetted components • Standard actuator handle #1 • Weight 46 oz.
	540 Female	Pt # QFT-540 <i>Male Termination</i>	Industrial Oxygen	3600 PSI	<ul style="list-style-type: none"> • Stainless steel and brass components • Stainless steel bail-style actuator handle • Viton elastomer seals • Brass & stainless steel wetted components • Standard actuator handle #1 • Cleaned for O₂ service • Weight 40 oz.
	580 RPV Male	Pt # QFT-RPV-580 <i>Male Termination</i>	Inert Gases	3600 PSI	<ul style="list-style-type: none"> • Designed for residual pressure valve filling • Stainless steel and brass components • Stainless steel bail-style actuator handle • EPDM elastomer seals • Brass & stainless steel wetted components • Stainless steel actuator pin for RPV • Standard actuator handle #2 • Weight 46 oz.
	VariQuik Medical Oxygen	Pt # QF-VC <i>Coupler</i>	Medical Oxygen	3400 PSI	<ul style="list-style-type: none"> • Coupling designed to be installed directly to Medical Oxygen Supply. • Coupling is internally valved to stop flow of Medical Oxygen when Tip Adaptors are disconnected. • Adapters available in either Male or Female 1/4" NPT termination. • Cleaned for O₂ Service • Cannot be disconnected while under pressure
		Pt # QF-VAF <i>Female Adapter</i>			
		Pt # QF-VAM <i>Male Adapter</i>			

⚠ WARNING: These products contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. For more information: www.P65Warnings.ca.gov

Additional CGA Standards Available. Quoted Upon Request.

Standard Field Replacement Parts

Standard Field Replacement Parts

Gas connector standard replacement parts listed in this section are available for field replacement. FasTest does not offer any further replacement components as special tools. Handling precautions may be required.

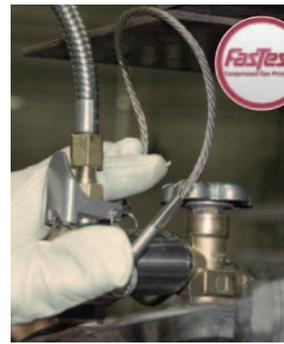
Due to the high pressure of compressed gas filling, as well as the Oxygen cleaning requirements of specific CGA standards, FasTest requires you to return gas connector products for maintenance and repair. Specific CGA standards require O2 cleaning before being returned to field service.

Please contact Ratermann Mfg., Inc. for additional information.



For FasTest Warranty Information, please see 14A-8

Connector	Part #	Description	Pack of
QF-H870	QF-H870SPK5	Replacement Seals, Viton	Pack of 5
	QF-H870SPK100	Replacement Seals, Viton	Pack of 100
	QF-H870SPK250	Replacement Seals, Viton	Pack of 250
QFT-540	QFT-540SPK5	Replacement Main Seals, Viton	Pack of 5
	QFT-540SPK100	Replacement Main Seals, Viton	Pack of 100
	QFT-540SPK250	Replacement Main Seals, Viton	Pack of 250
	QFT-540ESPK5	Replacement Main Seals, EPDM	Pack of 5
	QFT-540ESPK100	Replacement Main Seals, EPDM	Pack of 100
	QFT-540ESPK250	Replacement Main Seals, EPDM	Pack of 250
QFT-580	QFT-580ESPK5	Replacement Main Seals, EPDM	Pack of 5
	QFT-580ESPK100	Replacement Main Seals, EPDM	Pack of 100
	QFT-580ESPK250	Replacement Main Seals, EPDM	Pack of 250
QFT-RPV-580	QFT-RPV-580ESPK5	Replacement Main Seals, EPDM	Pack of 5
	QFT-RPV-580ESPK100	Replacement Main Seals, EPDM	Pack of 100
	QFT-RPV-580ESPK250	Replacement Main Seals, EPDM	Pack of 250
	QFT-RPV-580-RT	Pin Retraction Tool	
	QFT-RPV-580-PN	Replacement Pin and Nut	
QFT-MED540F	QFT-540SPK5	Replacement Seals, Viton	Pack of 5
	QFT-540SPK100	Replacement Seals, Viton	Pack of 100
	QFT-540SPK250	Replacement Seals, Viton	Pack of 250
QFT-MED540M	QFT-540SPK5	Replacement Seals, Viton	Pack of 5
	QFT-540SPK100	Replacement Seals, Viton	Pack of 100
	QFT-540SPK250	Replacement Seals, Viton	Pack of 250
QF-VC	QF-VMSEAL	Replacement Main Seal	Pack of 1
QF-VAF	QF-VSSET	Replacement Seal Set	Pack of 1
QF-VAM	QF-VSSET	Replacement Seal Set	Pack of 1



Flexible Bail Handle Connectors

Key Features

- Designed for use with one gloved hand
- Available in CGA540, CGA580, and CGA346
- Ideal for restricted clearance of 6 and 12-cylinder pack
- Two active locking mechanisms
- Two Flexible Bail Sizes Available: #1 (14") & #4 (21")

Flexible Bail Handle Connectors

Part #	Description	Handle
QFT-540-F1	CGA540 14" size	#1 Handle
QFT-540-F4	CGA540 21" size	#4 Handle
QFT-580-F1	CGA580 14" size	#1 Handle
QFT-580-F4	CGA580 21" size	#4 Handle
QFT-346-F1	CGA346 14" size	#1 Handle
QFT-346-F4	CGA346 21" size	#4 Handle

These handles allow for easier connector use when clearance is limited to operate the connector. Examples of these are with six and twelve cylinder packs where the protective cover prevents connectors with standard handles from operating.

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FasTest Connectors Lever Handle



Key Features

- Robust connector eliminates common failures
- Available in CGA-540, CGA-580, CGA-590 & CGA-346
- Fast, smooth operation
- Two stage safety
- Designed for use w/small diameter (20-80 cf) cylinders

Also Single (gloved) hand operation

Part #	Level Style Handle Description
QFT-346-LH	CGA346 Industrial - Breathing Air, Lever Handle
QFT-540-LH	CGA540 Industrial - Oxygen, Lever Handle
QFT-580-LH	CGA580 Industrial - Inert, Lever Handle
QFT-RPV-540-LH	CGA540 Industrial - Oxygen, RPV Style, Lever Handle
QFT-RPV-580-LH	CGA580 Industrial - Inert, RPV Style, Lever Handle

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Krytox™ GPL-203 Grease

Pt # KRY-GPL20320Z
Pt # KRY-GPL20380Z

For complete listing of Krytox™ products please see section 33A

Larger sizes available upon request.

FasTest CryoVent

Simple Sleeve Actuation Connector for Venting Gases

Key Features

- **CryoVent** directs vented gas to a safe and outside location while reducing noise from the pressure relief device.
- Simple sleeve actuation connector for venting gases out of safety relief valve on liquid cylinders.
- Durable brass construction with Fluorosilicon elastomers.
- Designed to be connected to Generant pressure relief Valves on liquid cylinders.
- Measurements 3/8" and 3/4" NPT affix into pipe away.
- Designed and manufactured in the USA.



Pt # QFCV-M34

Improve Safety & Reduce Noise

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Quick Connection Tool for Specialty Gas Filling

High Purity G-Series

New High Purity G-Series for specialty gas cylinder filling

- Re-designed internal geometry improves vacuum rating to reliably fill high purity gas cylinders
- Change out cylinders 90% faster than twist-on fittings
- Change out cylinders 90% faster than twist-on fittings



Pt # QFT-HP580

Produce an Extra Batch per Day!

DuPont™ Krytox™, and Vydax® are registered trademarks or trademarks of E.I. duPont de Nemours and Company

CGA 580 Standard Connector

FASTEST® CGA 580 STANDARD CONNECTOR

CGA 580 Standard Connector with Bail Handle Style #1

Part # QFT-580

FasTest's G580 inert gas connector is simple to use with a no twist, no turn approach to filling. Simply connect our product onto your valve and lock into place with a forward movement of the bail handle roller actuator and you are ready to fill the inert gas cylinder in a matter of seconds. Features and benefits include:

- Stainless steel and brass body wetted components
- Stainless steel bail handle for strength and operator safety under pressure
- Heavy duty "through body" design at bail handle connection point
- Simple, one hand operation bail handle roller actuation
- 3600 psi rating, 46 ounce weight

Each Inert Gas G580 is supplied with a standard actuator handle, right-angle 90 degree termination port and EPDM elastomer seals. The elastomer compound used is based upon industry approval and performance characteristics for the application.

Distinct durability and maintenance advantages over competitive market brands include:

- Bail roller actuation
- Heavy duty handle eliminates failures
- Simplified design has fewer seals to maintain
- One piece exterior body construction
- Fast refurbishment or replacement program
- Designed and Manufactured in the USA

USED FOR
INERT GAS
APPLICATIONS



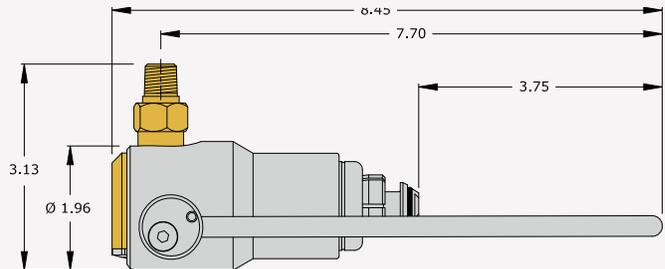
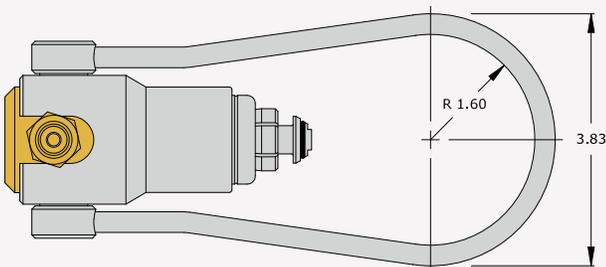
Pt # QFT-580



Product Family	Connection Type	Connection Method
G-Series	Internal Threads	Bail Handle
Connects To	Pressure Rating (psi)	Termination
CGA 580	3600	1/4" NPT (Male)

Replacement Main Seals

Part #	Description	Pack of
QFT-580ESPK5	Replacement Main Seals, EPDM	Pack of 5
QFT-580ESPK100	Replacement Main Seals, EPDM	Pack of 100
QFT-580ESPK250	Replacement Main Seals, EPDM	Pack of 250



Note: G580 style connector is assembled as standard model with Handle #1. Additional handles are available, please consult Ratermann.

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CGA 580 RPV Standard Connector

CGA 580 RPV Standard Connector with Bail Handle Style #2

Part # QFT-RPV-580

FasTest's G580 RPV inert gas connector is simple to use with a no twist, no turn approach to filling. Simply connect our product onto your valve and lock into place with a forward movement of the bail handle roller actuator and you are ready to fill the inert gas cylinder in a matter of seconds. Features and benefits include:

- Stainless steel and brass body wetted components
- Stainless steel bail handle for strength and operator safety under pressure
- Heavy duty "through body" design at bail handle connection point
- Simple, one hand operation bail handle roller actuation
- 3600 psi rating, 46 ounce weight

Each Inert Gas G580 RPV is supplied with a standard actuator handle, right-angle 90 degree termination port and EPDM elastomer seals. The elastomer compound used is based upon industry approval and performance characteristics for the application.

Distinct durability and maintenance advantages over competitive market brands include:

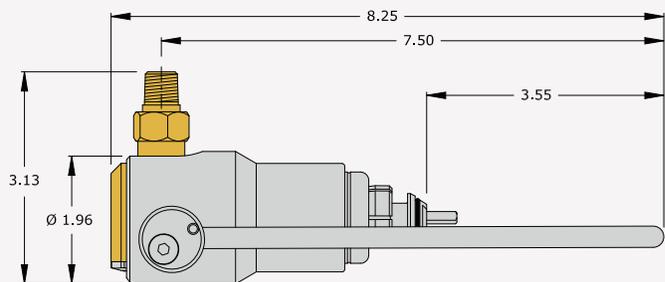
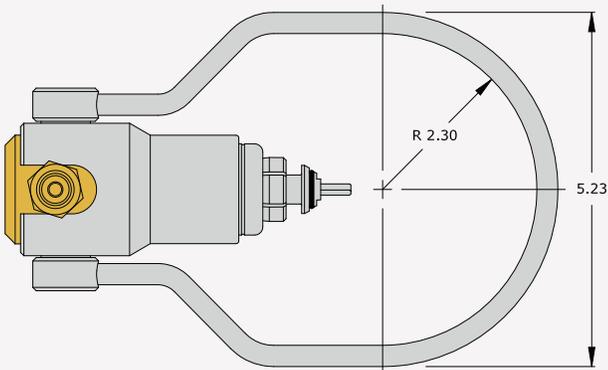
- Bail roller actuation
- Heavy duty handle eliminates failure
- Simplified design has fewer seals to maintain
- One piece exterior body construction
- Fast refurbishment or replacement program
- Designed and Manufactured in the USA

Product Family	Connection Type	Connection Method
G-Series	Internal Threads	Bail Handle
Connects To	Pressure Rating (psi)	Termination
CGA 580/RPV	3600	1/4" NPT (Male)

Replacement Main Seals

Part #	Description	Pack of
QFT-RPV-580ESPK5	Replacement Main Seals, EPDM	Pack of 5
QFT-RPV-580ESPK100	Replacement Main Seals, EPDM	Pack of 100
QFT-RPV-580ESPK250	Replacement Main Seals, EPDM	Pack of 250
QFT-RPV-580-RT	Pin Retraction Tool	
QFT-RPV-580-PN	Replacement Pin and Nut	
QFT-RPV-580-PINPK5	Replacement Pins	Pack of 5

USED FOR
RESIDUAL
PRESSURE VALVE
INERT GAS
APPLICATIONS



Note: G580 RPV style connector is assembled as standard model with Handle #2. Additional handles for this connector are available, please contact Ratermann.

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FASTEST® CGA 580 RPV STANDARD CONNECTOR

CGA 540 Standard Connector

CGA 540 Standard Connector with Bail Handle Style #1

Part # QFT-540

FasTest's Industrial G540 gas connector is simple to use with a no twist, no turn approach to filling. Simply connect our product onto your valve and lock into place with a forward movement of the bail handle roller actuator and you are ready to fill the industrial oxygen cylinder in a matter of seconds. Features and benefits include:

- Stainless steel and brass body wetted components
- Stainless steel bail handle for strength and operator safety under pressure
- Heavy duty "through body" design at bail handle connection point
- Simple, one hand operation bail handle roller actuation
- 3600 psi rating, 40 ounce weight
- Cleaned for O2 service

Each Industrial G540 is supplied with a standard actuator handle, right-angle 90 degree termination port and Viton elastomer seals. The elastomer compound used is based upon industry approval and performance characteristics for the application.

Distinct durability and maintenance advantages over competitive market brands include:

- Bail roller actuation
- Heavy duty handle eliminates failures
- Simplified design has fewer seals to maintain
- One piece exterior body construction
- Fast refurbishment or replacement program
- Designed and Manufactured in the USA

USED FOR INDUSTRIAL OXYGEN APPLICATIONS



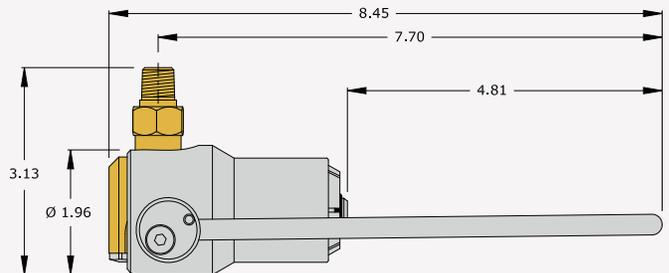
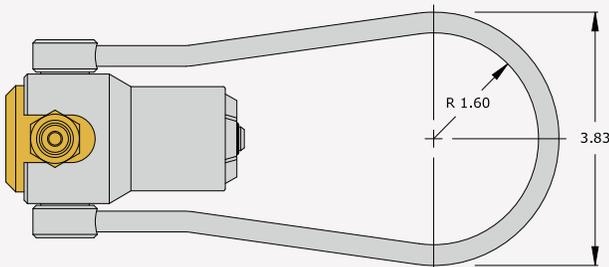
Pt # QFT-540



Product Family	Connection Type	Connection Method
G-Series	External Threads	Bail Handle
Connects To	Pressure Rating (psi)	Termination
CGA 540	3600	1/4" NPT (Male)

Replacement Main Seals

Part #	Description	Pack of
QFT-540SPK5	Replacement Main Seals, Viton	Pack of 5
QFT-540SPK100	Replacement Main Seals, Viton	Pack of 100
QFT-540SPK250	Replacement Main Seals, Viton	Pack of 250
QFT-540ESPK5	Replacement Main Seals, EPDM	Pack of 5
QFT-540ESPK100	Replacement Main Seals, EPDM	Pack of 100
QFT-540ESPK250	Replacement Main Seals, EPDM	Pack of 250

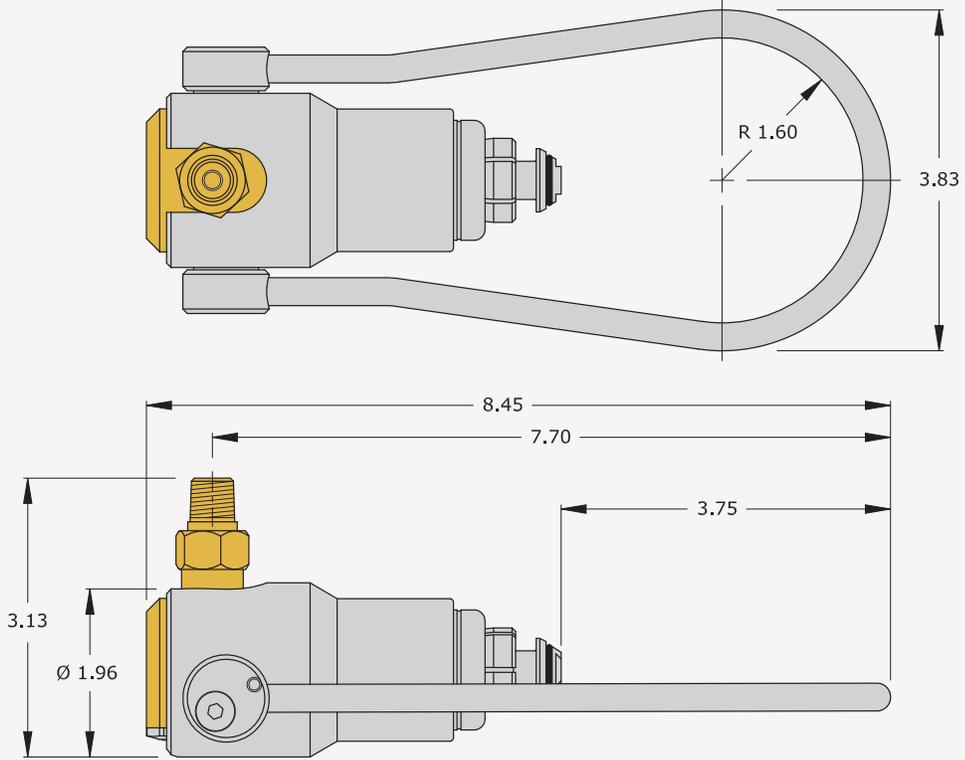


Note: G540 style connector is assembled as standard model with Handle #1. Additional handles for this connector are available, please consult Ratermann.

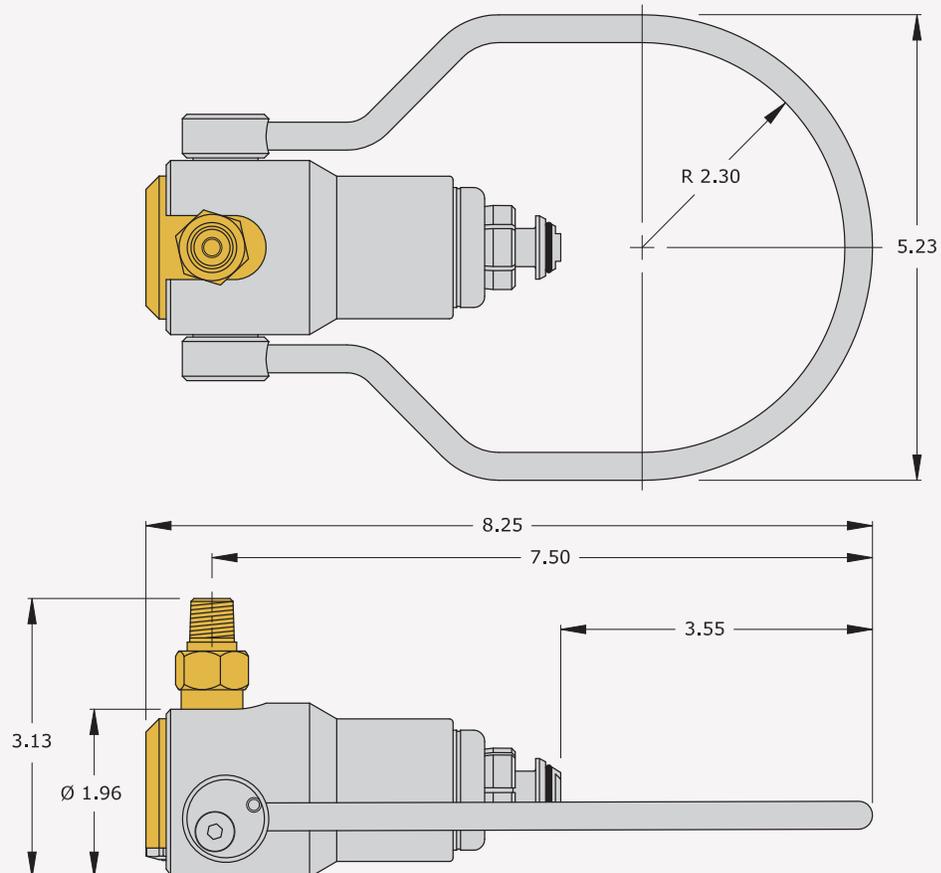
WARNING: These products contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. For more information: www.P65Warnings.ca.gov

CGA 580 Bail Actuator Handle Selection Guide

**580 Models
with
Handle #1
Pt # QFT-580**



**580 Models
with
Handle #2
Pt # QFT-580-2**

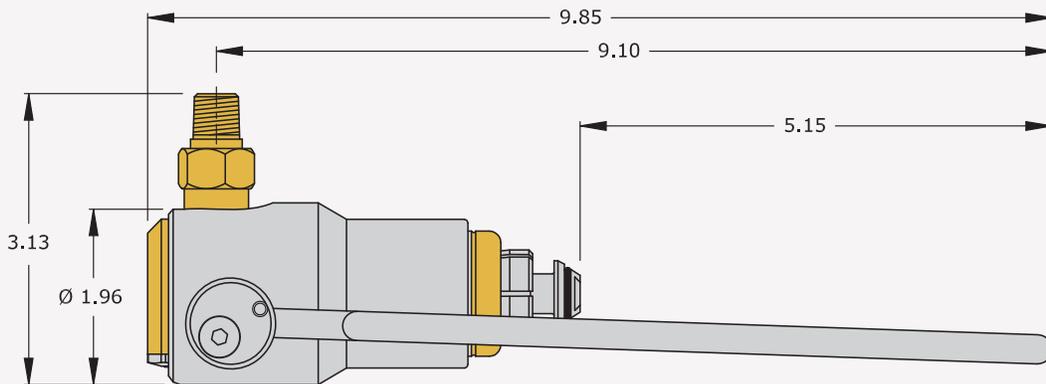
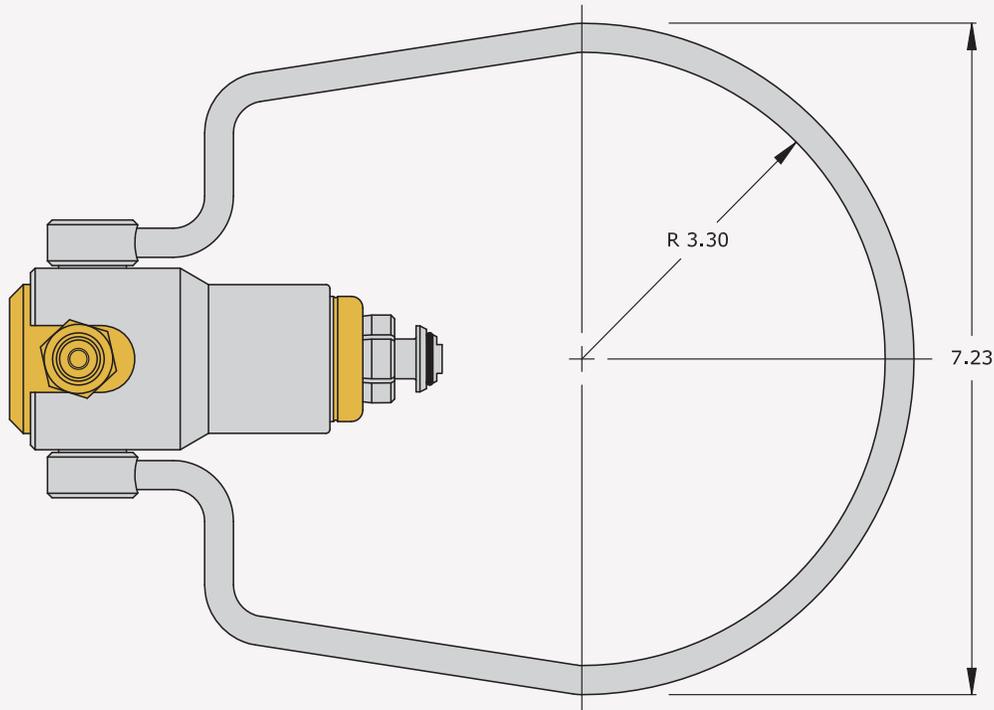


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CGA 580 Bail Actuator Handle Selection Guide, Warranty

FASTEST® WARRANTY, CGA 580 BAIL ACTUATOR HANDLE

580 Models
with
Handle #4
Pt # QFT-580-4



Warranty

FasTest warrants its products against defects in workmanship and materials for 12 months from the date of sale by Ratermann Manufacturing, Inc. or its authorized distributor. This warranty is void if the product is misused, tampered with or used in a manner that is contrary to FasTest® written recommendations and/or instructions. Ratermann Manufacturing, Inc. does not warrant the suitability of the product for any particular application. Determining product application suitability is solely the customer's responsibility. Ratermann Manufacturing, Inc. is not liable for consequential or other damages including, but not limited to; loss, damage, personal injury, or any other expense directly or indirectly arising from the use of or inability to use its products either separately or in combination with other products. ALL OTHER WARRANTIES EXPRESS OR IMPLIED, WHETHER ORAL, WRITTEN OR IN ANY OTHER FORM, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY EXCLUDED.

The sole and exclusive remedy under this warranty is limited to replacement of the product or an account credit in the amount of the original selling price, at the option of FasTest. All allegedly defective products must be returned prepaid transportation to Ratermann Manufacturing, Inc., together with information describing the product's performance, unless disposition in the field is authorized in writing by Ratermann Manufacturing, Inc.

WARNING: High pressure is potentially dangerous. Do not use Gas Filling connectors without first reading and following the operating instructions included with the product. Additional copies of all gas product instructions may be obtained from Ratermann Manufacturing, Inc.

INTENDED USE / MODIFICATION WARNING: FasTest gas connector products are ONLY intended for use with a specific CGA standard. Ratermann assumes no product liability if modifications are made to the product. If modifications are made, the product warranty becomes null and void.

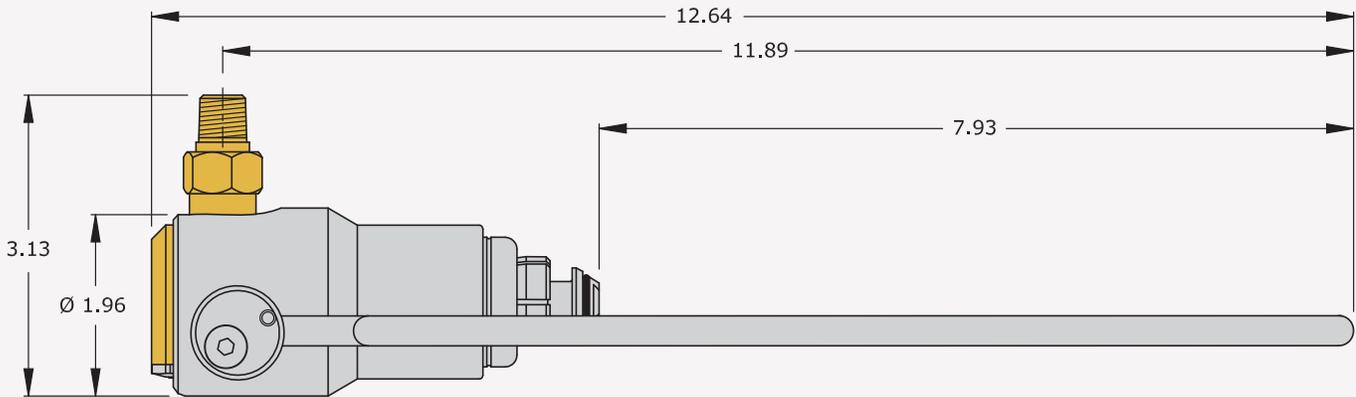
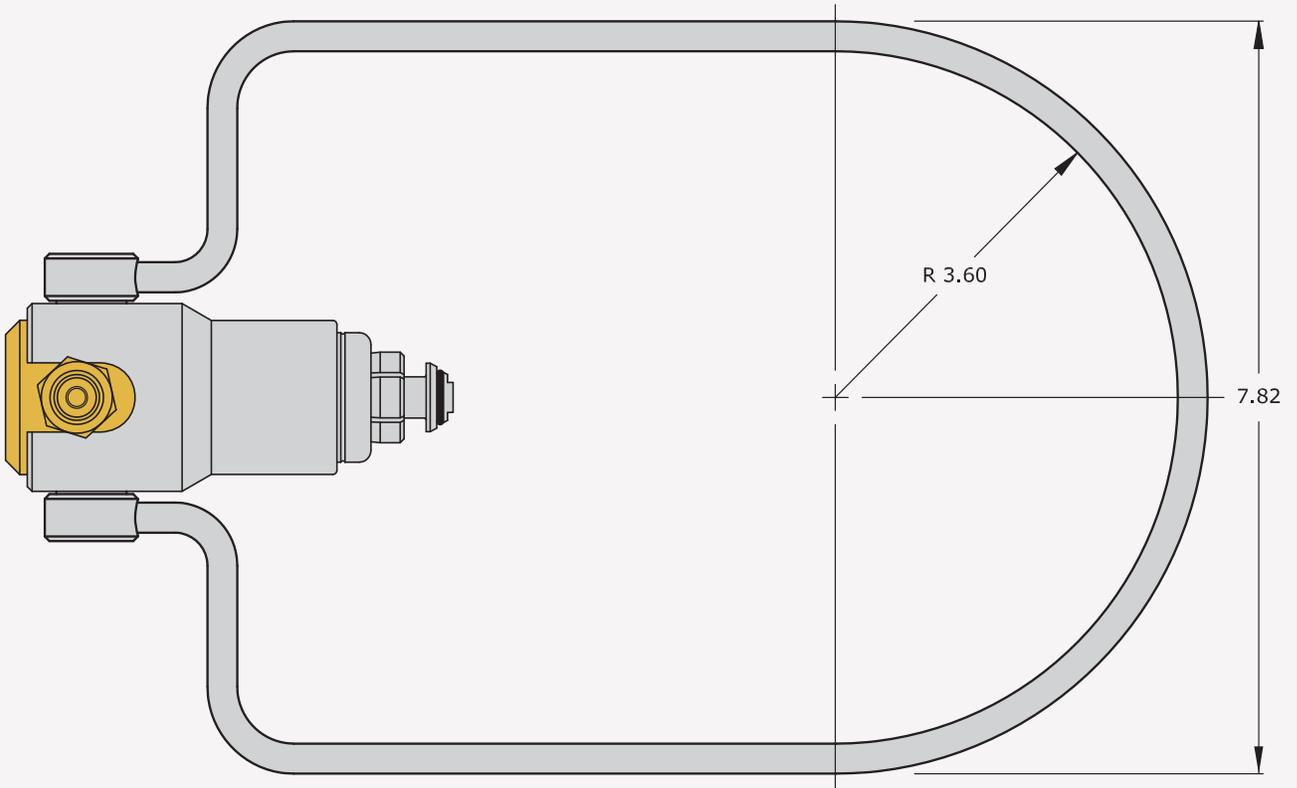
Non-Warranty Claims: FasTest gas connector products which are no longer covered by the original warranty period are subject to a flat rate charge for required product repairs. Flat rate charges will vary depending on CGA standard. Non-warranty connectors, returned to Ratermann for repairs, are subject to inspection to determine feasibility of repair.

Contact Ratermann Manufacturing, Inc. directly at 1-800-264-7793 for non-warranty repair and maintenance requests.

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CGA 580 Bail Actuator Handle Selection Guide

580 Models
with
Handle #5
Pt # QFT-580-5

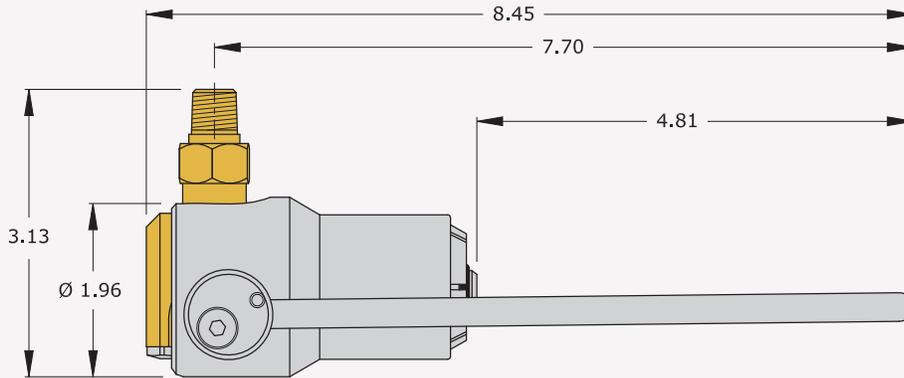
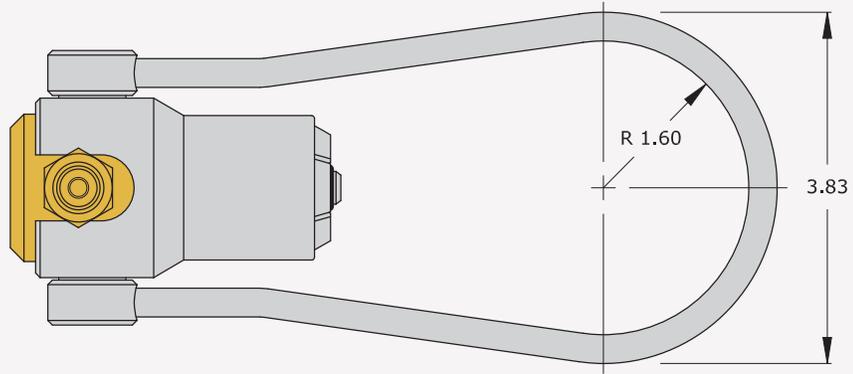


FASTEST® CGA 580 BAIL ACTUATOR HANDLE

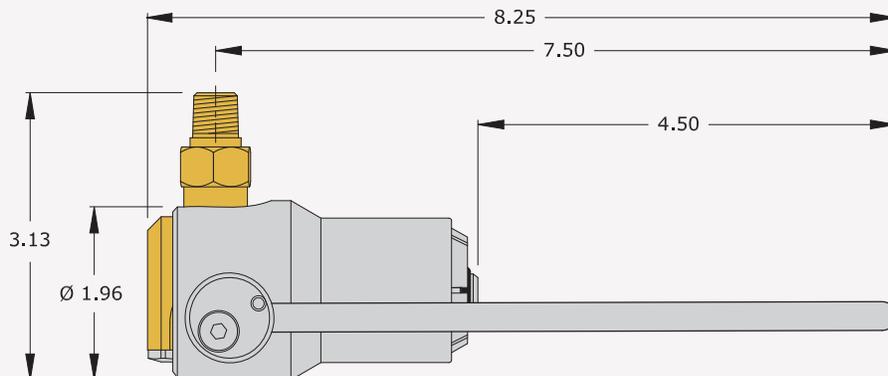
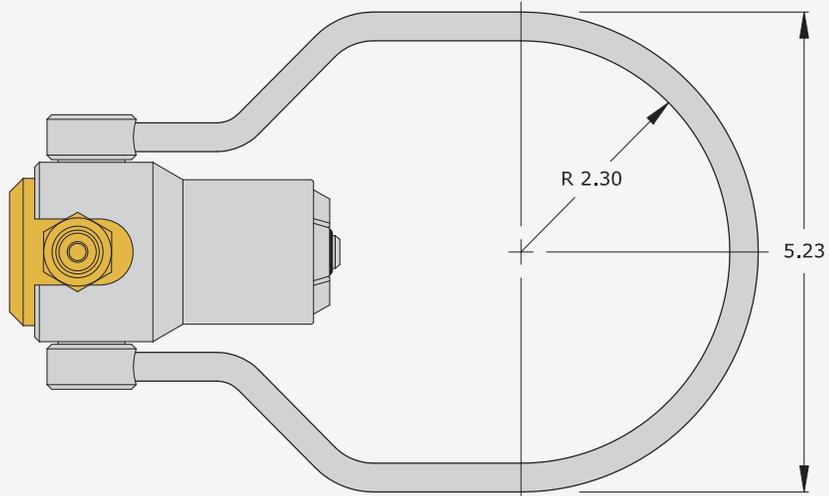
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CGA 540 Bail Actuator Handle Selection Guide

540 Models with Handle #1
Pt # QFT-540



540 Models with Handle #2
Pt # QFT-540-2

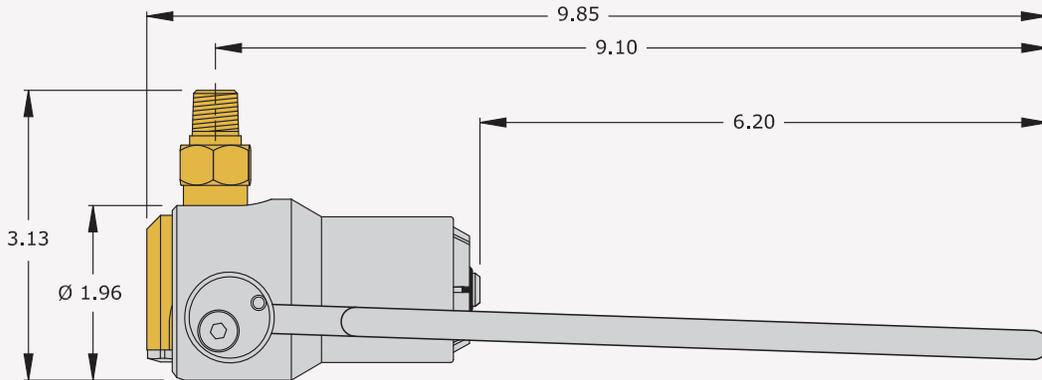
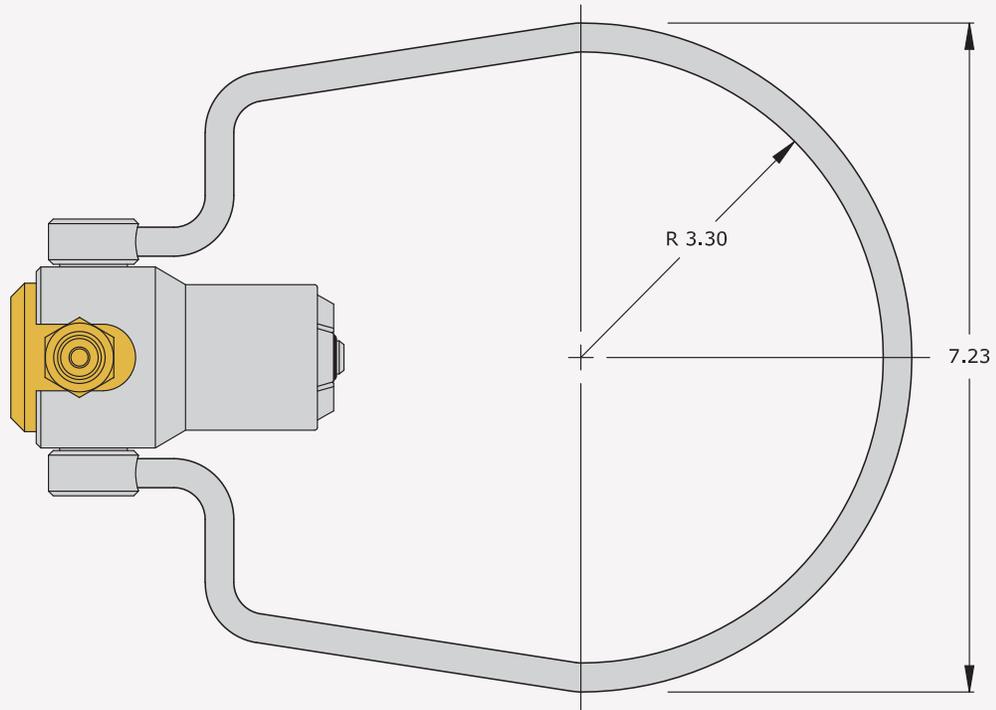


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CGA 540 Bail Actuator Handle Selection Guide

FASTEST® CGA 540 BAIL ACTUATOR HANDLE

540 Models
with
Handle #4
Pt # QFT-540-4

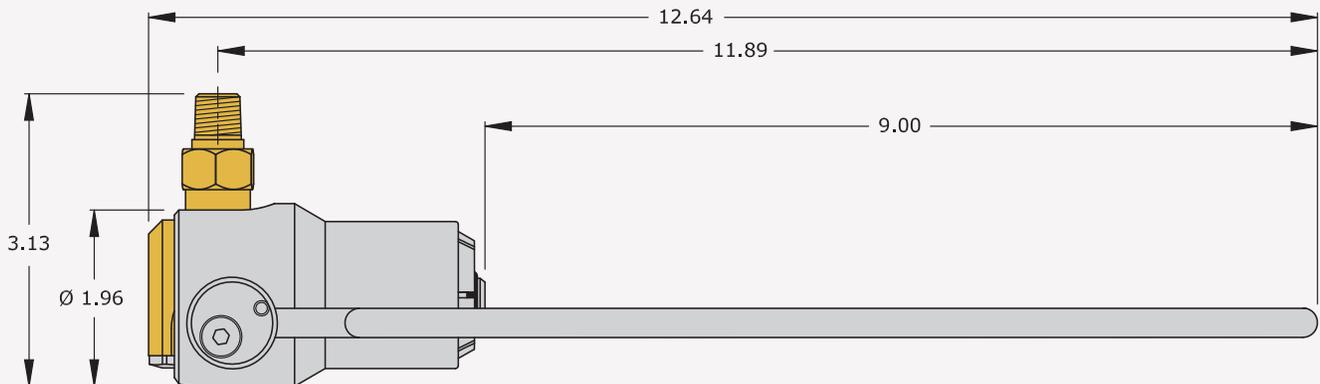
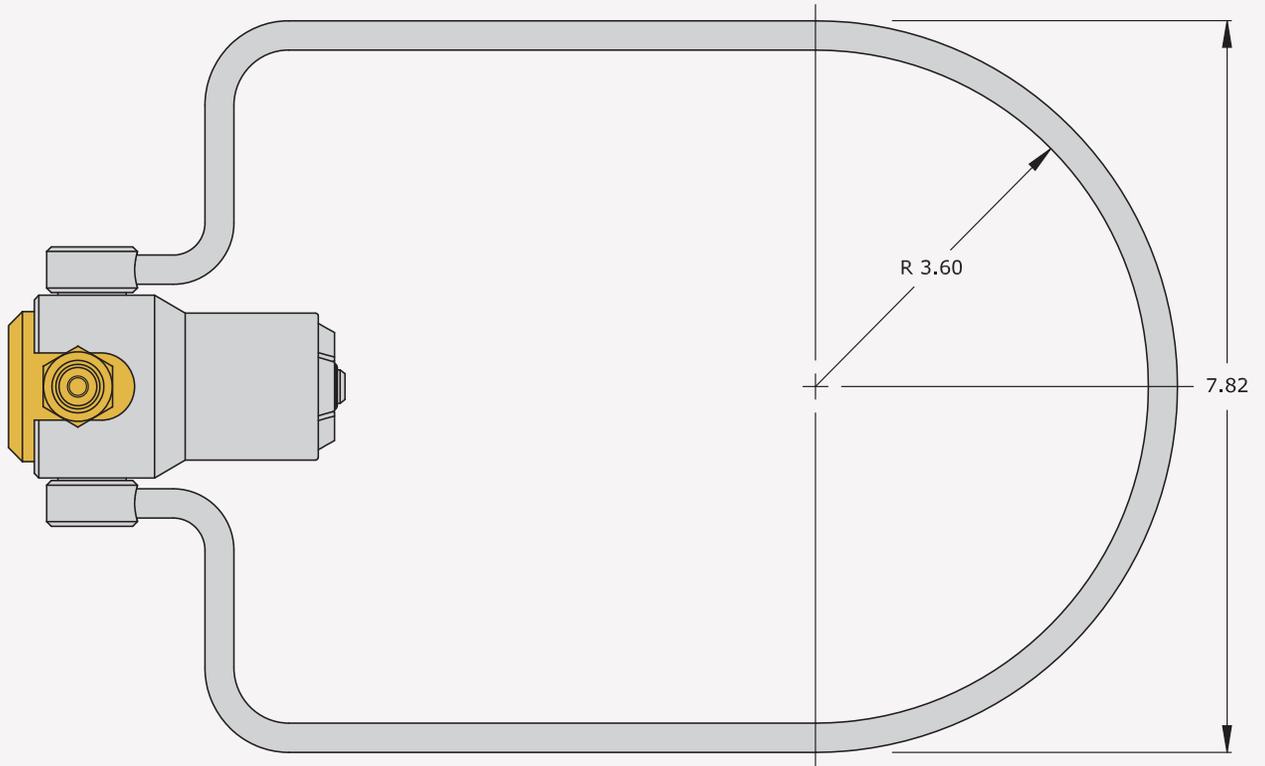


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CGA 540 Bail Actuator Handle Selection Guide

FASTEST® CGA 540 BAIL ACTUATOR HANDLE

540 Models
with
Handle #5
Pt # QFT-540-5



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