



2016

New Product Guide

New Compact "Back-Mount" Regulator

New - Dielectric Second Stage Regulators

New Combination Low Emission Filler and Overfill Protection Device (OPD)

New 2" FNPT X 3¼" ACME Low Emission Hose End Valve

Quick-Acting Valves for Dispensing Hoses

New Low Emission Filler Valve with Manual Shutoff Feature

New Patented Low Emission Hose End Safety Adapters

Excess Flow Valve for Autogas Dispensing Systems

High Capacity Liquid Withdrawal Valve For NH3

1¾" ACME Steel Cap For NH3



www.regoproducts.com

New Compact "Back-Mount" Regulator

LV3403BR Series

Application

The LV3403BR Back Mount Regulator is designed to reduce first stage pressure of 5-10 PSIG down to burner pressure normally 11" w.c. Designed as a second stage regulator for smaller applications with flow requirements up to 450,000 BTU/hr. and are ideal for homes, mobile homes, and cottages.

Features

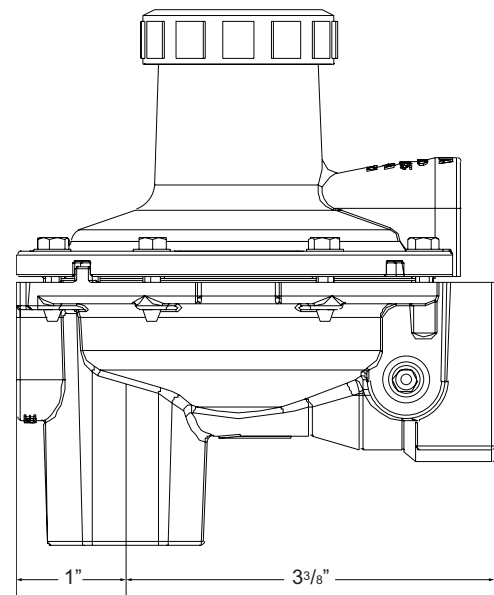
- Built in 1/8" F.NPT pressure taps on both regulator inlet and outlet side of the regulator. Plugs can be removed with a 3/16" hex Allen wrench.
- Large vent helps prevent vent blockage, it is tapped for 3/8" F.NPT for vent pipe away applications.
- With 15 PSIG inlet pressure, the regulator is designed to not pass more than 2 PSIG downstream with the seat disc removed per UL 144 specifications.
- Incorporates an integral relief valve per UL 144 specifications.
- Unique bonnet vent profile minimizes vent freeze over.
- Compact design saves space.

Materials

Body Zinc
 Bonnet Zinc
 Spring Steel
 Seat Disc Resilient Rubber
 Diaphragm Integrated Fabric and Synthetic Rubber



LV3403BR Series



Ordering Information

Part Number	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Adjustment Range	Bonnet Vent Position	Vapor Capacity BTU/hr *
LV3403B44R	1/2" F.NPT	1/2" F.NPT	1/4"	11" w.c. At 10 PSIG Inlet	9" to 13" w.c.	Over Inlet	450,000
LV3403B46R		3/4" F.NPT					

* Maximum flow based on 10 PSIG inlet and 9" w.c. delivery pressure.

New - Dielectric Second Stage Regulators

LV4403BD Series

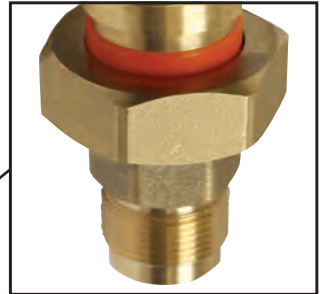
Application

RegO's Dielectric second stage regulators are designed to reduce first stage pressure normally 10PSIG down to burner pressure, normally 11" w.c. and are ideal for medium commercial installations, multiple cylinders installations and normal domestic loads.

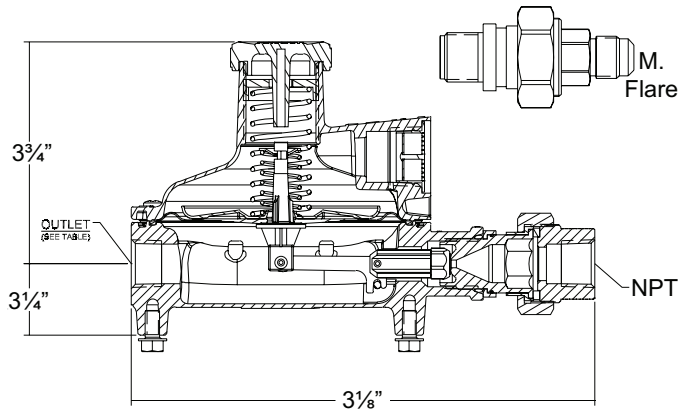
RegO Dielectric second stage regulators are engineered to isolate potential electrical current from metallic piping before entering a building. The use of a separate dielectric union is not necessary because the regulator contains a dielectric union as part of the inlet assembly. Available in both SAE Flare and F.NPT inlet connection.

Features

- F. NPT Dielectric Union is made of Brass with inlet Portion Made of Plated Steel
- M. SAE Flare inlet connection made of solid Brass
- All second stage features are the same as LV4403B Series



LV4403BD Series



Ordering Information

Part Number	Inlet Connection	Outlet Connection	Inlet Material	Orifice Size	Factory Delivery Pressure	Adjustment Range	Bonnet Vent Position	Vapor Capacity BTU/hr Propane		
1/2" M. Flare = 1										
LV4403B1D	1/2" M Flare	1/2" F. NPT	Brass	# 28 Drill	11" w.c. at 10 PSIG Inlet	9" to 13" w.c.	Over Inlet	935,000		
LV4403B16D		3/4" F. NPT								
LV4403B16RD		3/4" F. NPT		3/16"				1,000,000		
LV4403B16RAD										
LV4403B16RABD										
5/8" M.Flare = 5										
LV4403B5D	5/8" M Flare	1/2" F. NPT	Brass	# 28 Drill	11" w.c. at 10 PSIG Inlet	9" to 13" w.c.	Over Inlet	935,000		
LV4403B56D		3/4" F. NPT							3/16"	1,000,000
LV4403B56RD										
LV4403B56RAD										
LV4403B56RABD										
1/2" - 3/4" F. NPT Union										
LV4403B4D	1/2" F.NPT	1/2" F.NPT	Brass & Plated Steel	# 28 Drill	11" w.c. at 10 PSIG Inlet	9" to 13" w.c.	Over Inlet	935,000		
LV4403B46D		3/4" F. NPT							3/4" F. NPT	
LV4403B66D	1/2" F. NPT			3/4" F. NPT						
LV4403B46RD								3/4" F. NPT		3/4" F. NPT
LV4403B66RD										
LV4403B66RAD										

New Combination Low Emission Filler and Overfill Protection Device (OPD)

SFL7579V Series

Application

The SFL7579V Series filler valve is for use on ASME containers. This combined filler valve and overfill protection device is designed to provide fast filling and protection against overfilling of vertical and horizontal above ground LPG containers. This is typically installed in the top of horizontal containers.

Features

- Low emission filler valve, will not release more than 2.14cc when disconnected.
- Large flow area for fast filling.
- Resilient seated upper check.
- Stable Overfill Protection Device that is integral to the filler valve.
- Overfill Protection Device will stop the flow of liquid when the 80% level is reached.

Note:

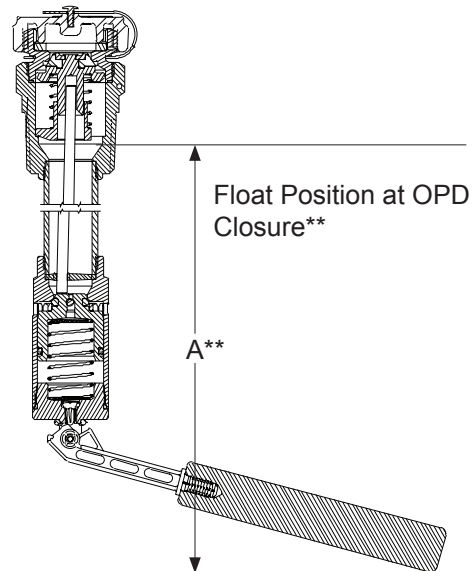
- Must be installed in a vertical position.
- Depending on the application this valve is designed to be used in conjunction with another device such as a fixed liquid level gauge or float gauge in low emission transfer systems.

Materials

Upper body Brass
 Lower body Brass
 Springs Stainless Steel
 Washer and seat disc Synthetic Rubber
 Cap Resilient Molded Plastic
 OPD check Nitrile
 OPD lever and riser Nylon
 OPD float Closed Cell Nitrophenolic



SFL7579V



Ordering Information

Part Number**	ACME Hose Connection	Tank Connection M.NPTF	Wrench Hex Flats	Length A*	Propane Liquid Capacity at Various Differential Pressures GPM			
					1 PSI	25 PSI	50 PSI	75 PSI
SFL7579V13.8	1 3/4" Male	1 1/4"	1 7/8"	14.43"	23	49	54	66
SFL7579V13.0				13.63"				
SFL7579V12.3				12.93"				
SFL7579V11.1				11.73"				
SFL7579V10.6				11.23"				

* Distance from center thread to float at closure.

** Suffix number indicates dip tube length (Fixed liquid level gauge) different lengths available upon request.



New 2" FNPT X 3 1/4" ACME Low Emission Hose End Valve for loading Bobtails and Transports

A7914A

Application

The A7914A Low Emission valve is designed to reduce the amount of product vented when disconnecting bobtail and transport loading hoses. This valve provides a full-on flow when pressing the release trigger and the lifting of an easy grip handle. Lowering the handle will immediately stop flow and lock the lever in the closed position. This valve can be used with any standard 3 1/4" Male ACME connector, or our 6588LE and 6589LE minimum loss filler valves.

Features

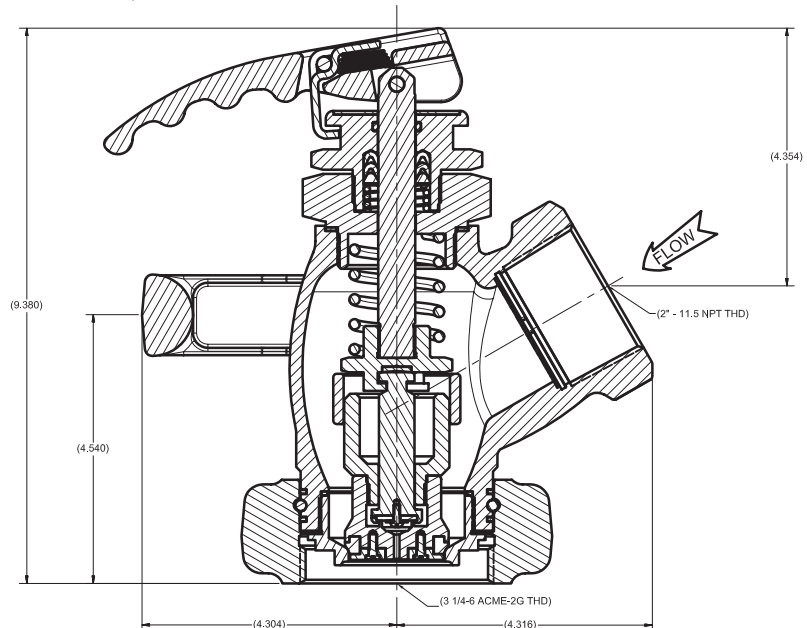
- Minimizes product discharge at disconnect.
- Vents **less than 2 cc of liquid when disconnected.**
- **California CARB Compliant for fugitive emissions.**
- Contoured handle rotates 360° and large easy to turn ACME swivel connector.
- Self-locking handle is operator opened and closed, designed to prevent accidental opening of the valve.
- Bypass mechanism in the seat area allows the upstream pressure to quickly equalize when the handle is partially moved to the open position.
- Protective screen on inlet side prevents debris from entering.
- Spring loaded Teflon "V" packing for bonnet/stem assembly provides long service life

Materials

Body Ductile Iron
 "V" -Rings..... Teflon
 Stem Stainless Steel
 Acme Connector..... Plated Ductile Iron
 Seal Housing Stainless Steel
 Bonnet Plated Steel
 Lever..... Stainless Steel
 Seat Disc Synthetic Rubber



A7914A Series



Ordering Information

Part Number	Inlet Connection	Outlet Connection	Locking Handle	Flow at (Cv) Pressure Drop GPM Propane	
				1 PSIG	10 PSIG
A7914A	2" FNPT	3 1/4" M.Acme	Yes	55	174

Quick-Acting Valves for Dispensing Hoses

7901TL Series

Application

Designed primarily for use on dispensing hoses to provide fast, convenient shut-off and fast opening.

These valves feature a locking handle to prevent accidental opening of the handle if it were dropped.

Features

- Quick-acting design speeds transfer operations.
- Permits easy, one-handed opening and closing of the valve.
- O-ring stem seal design.
- Provides quick, positive shut-off.
- Safety lock prevents accidents.

Materials

Body Forged Brass
 O-Ring Resilient Synthetic Rubber
 Bonnet Assembly Brass
 Seat Disc Resilient Synthetic Rubber
 Handle Brass
 Springs Stainless Steel



7901TL Series



Ordering Information

Part Number	Inlet Connection (F. NPT)	Outlet Connection (F. NPT)	Body Material	Flow At 1 PSIG (CV) Pressure Drop* (GPM/Propane)
7901TAL	3/8"	3/8"	Brass	1.95
7901TBL	1/2"	1/4"		
7901TCL		1/2"		

* To obtain approximate flow at other than 1 PSIG pressure drop, multiply flow in table by square root of pressure drop.
 Example: 7901T @ 9 PSIG = 1.95 x 3 = 5.85 GPM/propane. For NH3 flow, multiply propane flow by .90.

New Low Emission Filler Valve with Manual Shutoff Feature



7501L & 7502L

General Information

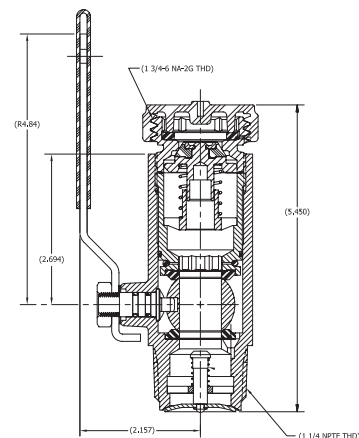
RegO Manual Double-Back Check filler valves that incorporate a resilient upper check and a manual shutoff feature. When filling a container from a delivery truck, this valve will allow flow into the container through the upper and lower check, when the manual lever is in the open position. When flow stops both the upper and lower checks will close; the lever is then turned to the closed position, the hose-end valve can be removed from the filler valve.

Application

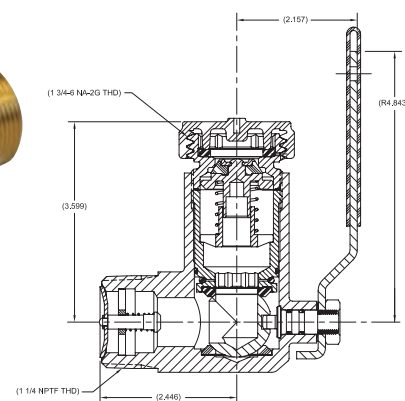
Designed for fast filling of larger DOT cylinders and ASME domestic containers; the 7501L and 7502L feature a manual shutoff in addition to upper and lower back checks.

Features

- Low emission 2 cc or less at disconnect.
- Meets NFPA 58 and UL requirements.
- Double back check provides added system protection.
- Checks are spring activated for quick precise closure when flow stops.
- Manual shutoff valve is designed to provide additional system protection when disconnecting hose end valve from filler valve.
- Hose end valve cannot be removed from the 7501L or 7502L if the lever is in the open position.
- When manual shutoff valve is closed, an integral back check prevents liquid from being trapped between the shutoff and the upper check.



7501L



7502L

Ordering Information

Part Number	Container Connection	ACME Hose Connection	Propane Liquid Capacity at Various Differential Pressures		
			15 PSIG	25 PSIG	50 PSIG
7501L	1 1/4" M-NPT	1 3/4" M.ACME	62 GPM	90 GPM	6125 GPM6
7502L					



New Patented Low Emission Hose End Safety Adapter

7193D-10L

Application

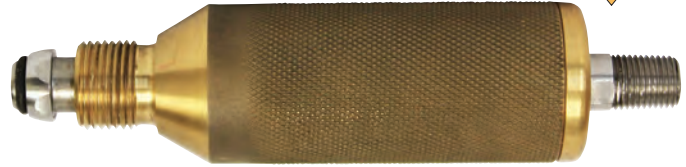
Low Emission Adapter (1.18 cc at disconnect) designed to provide quick and easy filling of DOT cylinders with POL connections with minimal release of product on disconnect. This adapter may be used with dispensing systems in conjunction with RegO 7901T Series Quick Acting Shut-Off Valve. Balanced, light weight design for filling into 20 # - 200 # cylinders.

Features

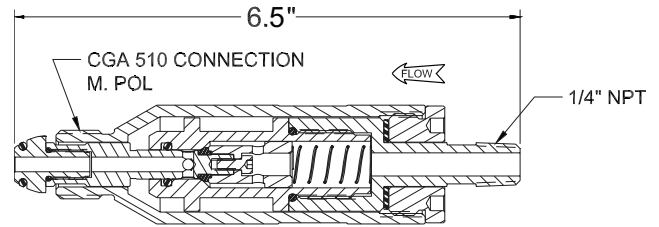
- Meets CARB Low Emission Standards.
- Light weight, easy to use.
- Soft Nose M.POL connection.
- Redundant Safety Feature – Will Only Open when connected to valve.

Materials

Body Brass – Knurled
 Shaft .. Stainless Steel – 1/4" M.NPT x M.POL (CGA 510)
 O-Ring Synthetic Rubber



7193D-10L Series



Part Number	Application	Inlet Connection	Outlet Connection	Materials
7193D-10L	Filling of DOT cylinders with POL Connections	1/4" M. NPT	M. POL (CGA 510)	Brass & Stainless Steel

New Patented Low Emission Hose End Safety Adapter

7193U-10L

Application

Low Emission Adapter (1.18 cc at disconnect) designed to provide quick and easy filling of DOT cylinders with Type 1 connections with minimal release of product on disconnect. This adapter may be used for dispensing systems in conjunction with RegO 7901T Series Quick Acting Shut-Off Valve. Balanced, light weight design for filling into 20 # - 200 # Cylinders

Features

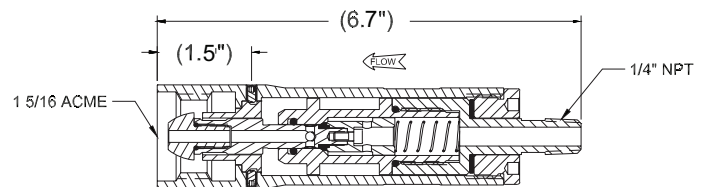
- Meets CARB Low Emission Standards
- Light weight, easy to use type 1 Fitting
- Liquid release directed away from operator
- Redundant Safety Feature – Will Only Open when connected to valve.

Materials

Body Brass - Knurled
 Shaft .. Stainless Steel – 1/4" M.NPT x Type 1 (15/16" M. ACME)
 O-Ring Synthetic Rubber



7193U-10L Series



Ordering Information

Part Number	Application	Inlet Connection	Outlet Connection	Materials
7193U-10L	Filling of DOT cylinders with Type 1 Connections	1/4" M. NPT	Type 1 Connection (15/16) F. ACME	Brass

Excess Flow Valve for Autogas Dispensing Systems

3272H

Application

Especially designed for high flow/high differential dispensing systems. Can also be used for filling, liquid withdrawal, and vapor equalizing, in container or line applications.

Features

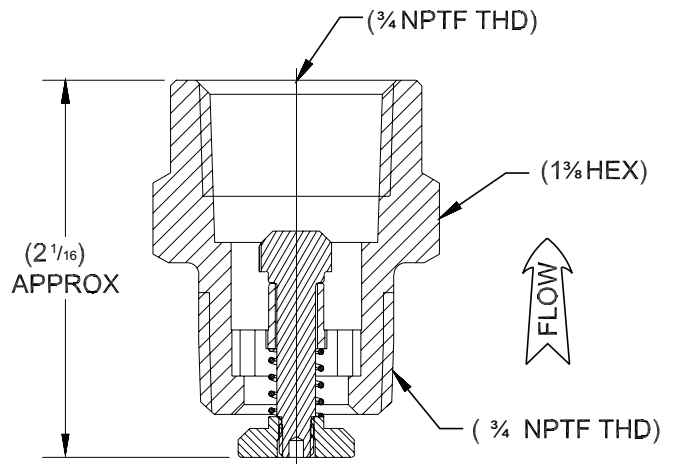
- Solid brass construction
- Stainless steel spring
- Meets UL requirements
- Highest flowing valve in the market

Materials

Body Brass
 Spring Stainless Steel
 Seat Brass



3127H



Ordering Information

Part Number	Inlet Connection	Outlet Connection	Wrench Hex Flats	Effective Length (Approx.)	Liquid (GPM Propane)
3127H	3/4"	3/4"	1 3/8"	1 3/8"	29

High Capacity Liquid Withdrawal Valve For NH3

A8012 Series

Application

The A8012 Series is designed especially for use as a high capacity liquid withdrawal valve on Anhydrous Ammonia nurse tanks or risers.

This valve incorporates an integral excess flow valve; when the valve is in operation the handwheel must be completely open and back-seated to allow the excess flow valve to function properly as explained in the excess flow section of our L-500 and L-102 catalogs.

Features

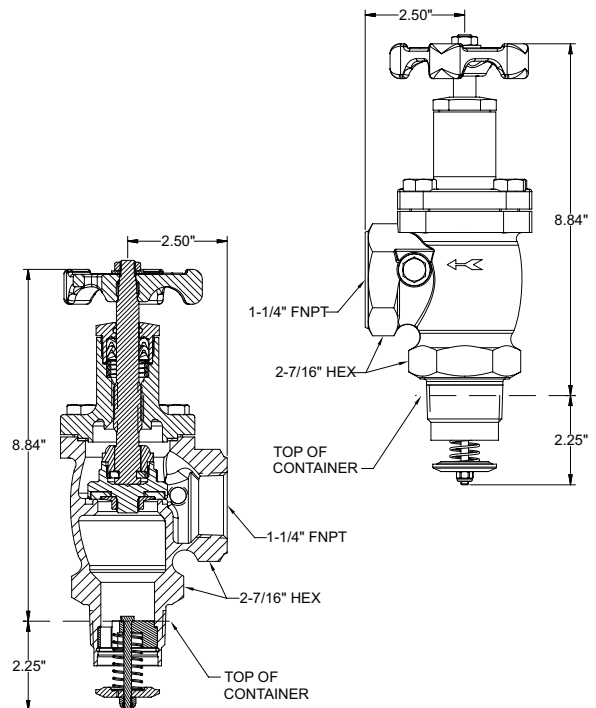
- Excess flow valve designed for high flow and low pressure drop.
- Excess flow seat fully contained in the container coupling for maximum protection in the event of external damage to the valve.
- Resilient disc assembly with swivel seat is fully contained for bubble-tight shut-off and long service life.
- “V”- ring spring loaded stem seal design requires no field adjustment.
- 1/4” F-NPT port that accommodates a vent valve or hydrostatic relief valve.
- UL Listed for LP-Gas and Anhydrous Ammonia.

Materials

Body	Ductile Iron
Bonnet	Ductile Iron
Stem	Stainless Steel
Seat Disc	Nitrile
“V” –Rings.....	Teflon
Excess Flow Valve.....	Stainless Steel
Springs	Stainless Steel
Excess Flow Valve.....	Stainless Steel
Springs	Stainless Steel



A8012 Series



Ordering Information

Part Number	Inlet Connection	Outlet Connection	Approximate Closing Flow GPM*	Accessories for NH3 Use	
				Hydrostatic Relief Valve	Vent Valve
A8012D	1 1/2" M-NPT	1 1/4" F-NPT	72 GPM NH3*	SS8001J	TSS3169
A8012C			45 GPM NH3*		

* When installed in a horizontally flowing system.



1 3/4" ACME Steel Cap For NH₃

A3175P

Application

The A3175P is a 1 3/4" ACME cap for use with 1 3/4" ACME connections for Anhydrous Ammonia service.

Features

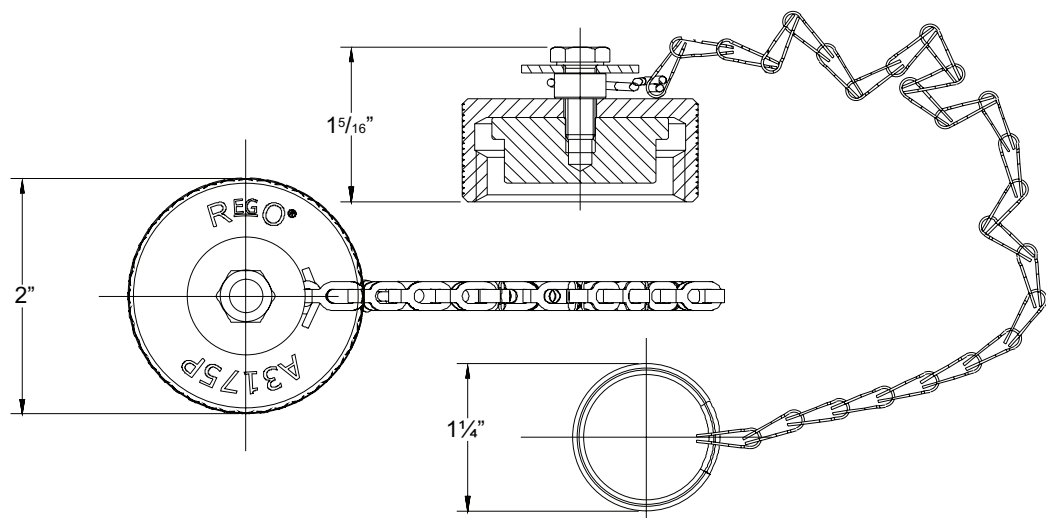
- Adjustable plated steel ring fits any Pipe.
- Durable 17" plated steel chain.
- High quality stamping.
- Ships in protective plastic sleeve to prevent damage.

Materials

Body Steel 1 3/4" F. ACME
Chain & Ring Plated Steel



A3175P Series



Ordering Information

Part Number	Thread Connection	Outside Diameter	Height	Material
A3175P	1 3/4" ACME	2"	1 5/16"	Steel