

Double Check Filler Valves for Forklift, Motor Fuel and RV Tanks 7647 Series

Application

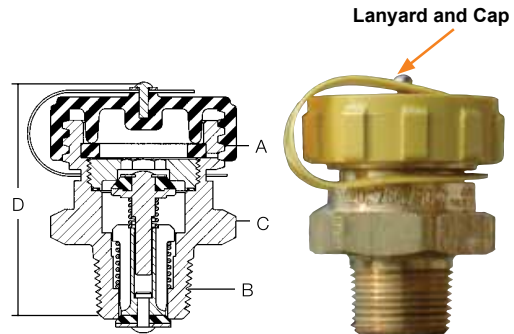
Designed to provide fast filling of forklift, motor fuel, and recreational vehicle tanks.

Features

- Resilient seat disc in lower check designed to provide a gas tight seal without leakage.
- Double back check provides added system protection.
- 7647SA has 30° angle on hose connection. Makes connection and disconnection easier for certain engine fuel applications.
- Large 1¼" wrench flats on 7647SC allow use of socket wrench for easy installation.
- Specify RegO® Filler Valves on all your original tank purchases to insure quality and dependable performance.

Materials

Upper Body.....	Brass
Lower Body.....	Brass
Springs	Stainless Steel
Washer and Seat Discs	Resilient Synthetic Rubber
Cap.....	Plastic



7647SC



Service Valves for DOT Fork Lift Containers 9101P5 and 9101P6 Series

Application

Designed specifically for vapor or liquid withdrawal service on DOT fork lift containers. Valves with 1.5 GPM closing flow are for use in small and medium size lift truck applications, while those with 2.6 GPM closing flow are for large lift trucks. Since none of these valves have an integral pressure relief valve, they may only be used as an accessory valve on containers that have an independent pressure relief valve sufficient for that cylinders capacity.

The integral excess flow valve found in all these service valves helps prevent excessive product loss in the event of fuel line rupture.

When installed for liquid withdrawal, the 9101P6 Series has provisions for attachment of a liquid withdrawal tube. The 9101P5 Series must be installed in containers that have provisions for a separate liquid withdrawal.

To insure proper functioning and maximum protection for integral excess flow valves, these service valves should be fully opened and backseated when in use.

Features

- Incorporates integral excess check valve and shut-off valve in one unit.
- Special 1.5 GPM closing flow on select valves provided especially for lift trucks and equipment with smaller engines.
- Double lead stem thread provides faster opening and closing.
- O-Ring stem seal design provides positive seal.
- Tapered and confined seat disc provides positive shut-off.
- Metal-to-metal back seat provides added protection against leakage while the valve is open.
- 9101P6 Series equipped with a 1/4" NPT internal thread for the addition of a liquid withdrawal tube.

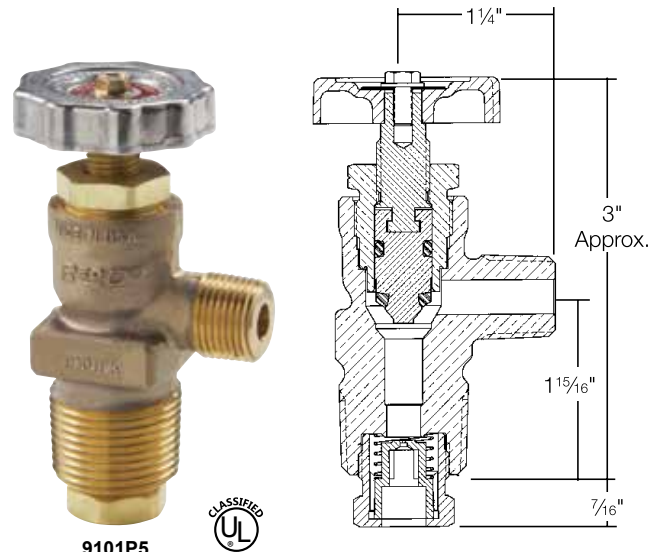
Materials

Body Forged Brass
 Handwheel..... Aluminum Die Cast
 Stem Brass
 O-Rings Resilient Synthetic Rubber
 Seat Disc Nylon

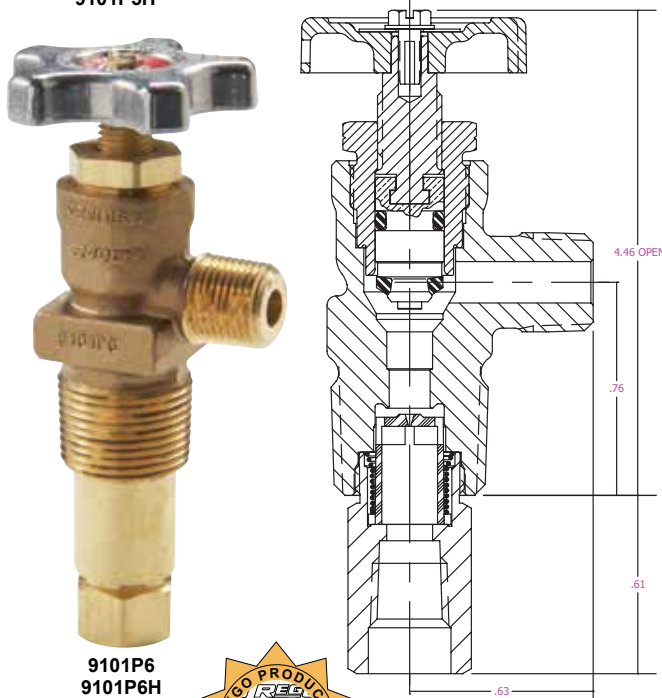
Ordering Information

Part Number	Container Connection	Service Connection	Liquid Withdrawal Connection	Closing Flow (LP-Gas)		Approximate Filling Rate Liquid Flow, GPM				Accessories			
				Vapor		Pressure Drop Across Valve				ACME Check Connectors			
				25 PSIG Inlet (SCFH)	100 PSIG Inlet (SCFH)	Liquid (GPM)	10 PSIG	25 PSIG	50 PSIG	100 PSIG	Male	Female	Cap
9101P5	3/4" M. NGT	3/8" M. NPT	None	430	900	1.5	5.0	7.6	10.7	14.9	7141M	7141F	7141M-40 or 7141FP
9101P5H				550	1050	2.6							
9101P6			1/4" NPT	430	900	1.5	4.5	7.2	10.3	14.8			
9101P6H				550	1050	2.6							

Note: These valves incorporate an excess flow valve. Refer to L-500/Section F, for complete information regarding selection, operation and testing of excess flow valves.



9101P5
9101P5H



9101P6
9101P6H

Fixed Liquid Level Gauges 3165 Series and TA3169F

Application

Especially designed to provide a visible warning when containers are filled to the maximum permitted filling level. At the start of the filling operation, with the vent stem opened, the valve discharges vapor. When the maximum permitted filling level is reached, the valve discharges liquid. These valves are normally furnished with a 12", 3/16" O.D. dip tube and incorporate a No. 54 drill size orifice.

An optional instruction plate with "Stop Filling When Liquid Appears" may be ordered for use with these valves.



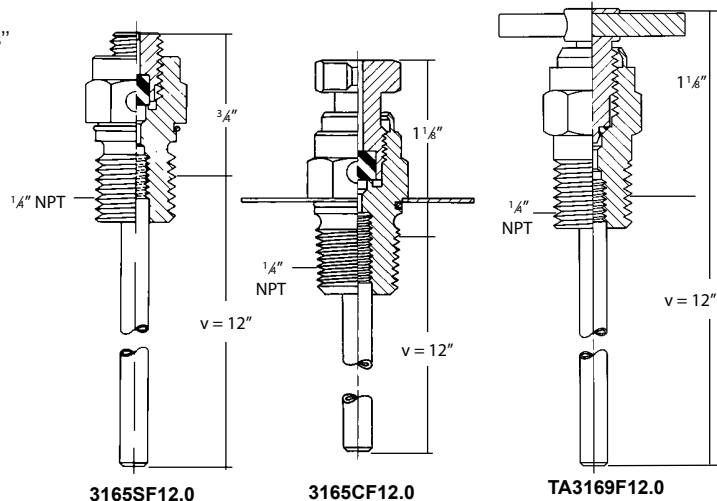
3165SF12.0



TA3169F12.0

Materials

Body (3165)..... Brass
 Body (TA3169)..... Stainless Steel
 Seat Disc (3165)..... Resilient Synthetic Rubber
 Seat Disc (TA3169)..... Teflon



Ordering Information

Part Number	Service	Connection	Actuation	Dip Tube Length	Accessories
					Warning Plate Kit
3165CF*	LP-Gas Only	1/4" M. NPT	Knurled	*	2550-40P
3165SF12.0			Slotted	12"	
TA3169F12.0			Tee Handle		

Fully Internal "Pop-Action" Pressure Relief Valve for DOT Fork Lift Cylinders 8545AK

Application

Designed specifically for use as a primary relief valve on forklift cylinders, the 8545AK reduces the possibility of improper functioning of the relief mechanism due to foreign material build up. All guides, springs, stem and adjusting components are located inside the cylinder - removed from the direct exposure of foreign materials and debris from the atmosphere.

NFPA Pamphlet #58 requires that:
 "All containers used in industrial truck (including forklift truck cylinders) service shall have the container pressure relief valve replaced by a new or unused valve within 12 years of the date of manufacture of the container and each 10 years thereafter."

Features

- Positive stop in the upper body protects against improper insertion of a pipeway adapter that might interfere with proper operation of the relief valve.
- Internal stem guide eliminates the need for a close fit between the body and poppet, which lessens the chance of clogging due to foreign material.
- Single piece cold-headed stem provides more accurate positioning of working parts for more consistent operation and precise adjustment.
- Two different deflector adapters and a protective cap are available as accessories to provide complete protection.
- "Pop-action" design keeps product loss at a minimum.
- Request RegO® Relief Valves on all your original equipment forklift cylinders for reliable performance.

Materials

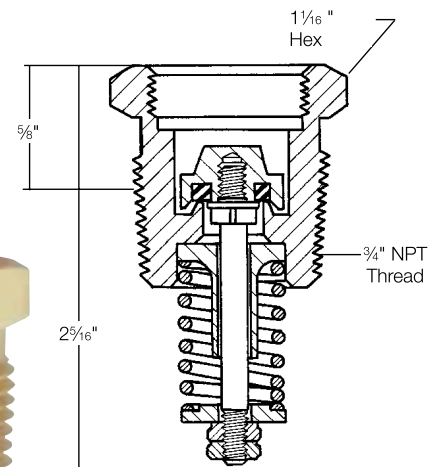
Body	Brass
Stem	Stainless Steel
Spring	Stainless Steel
Poppet	Brass
Guide	Brass
Seat Disc	Resilient Rubber



7545-12 90° Adapter



7545-14 45° Adapter



ACME Check Connectors for Lift Trucks 7141F and 7141M

Application

These brass connectors are especially designed to join the carburetor fuel line to the service valve on lift truck cylinders. Sturdy, long lasting ACME threads allow quick, hand-tight assembly that provides for quick and simple cylinder replacement. Back checks automatically close in each connector when disconnected.

The 7141M couples directly to the service valve. An integral O-ring is designed to seal before the internal check opens, aiding in product loss prevention. A gasket at the ACME thread is a secondary seal when the connectors are tightened together. The connector fits RegO® lift truck cylinder filling adapters for fast, convenient filling.

The 7141F accepts fuel line adapter and couples directly to the 7141M. The O-ring seal in the 7141M is designed to seal before the internal check opens to allow product to pass through the connection. The knurled coupling eases threading and the ACME threads provide rapid effortless make-up, even against LP-Gas pressure.

NOTE: Refer to the "Cylinder and Service Valves" section of the L-500 catalog for additional information.

Ordering Information

Part Number	Application	A. Inlet	B. Outlet	Protective Cap*	
				Rubber	Brass
7141M	Service Valve	3/8" F. NPT	1 1/4" M. ACME	7141M-40	7141FP
7141F	Fuel Line	1 1/4" F. ACME	1/4" F. NPT	-	-

* Recommended to minimize foreign material entering valves which could result in leakage.



7141M

7141F

