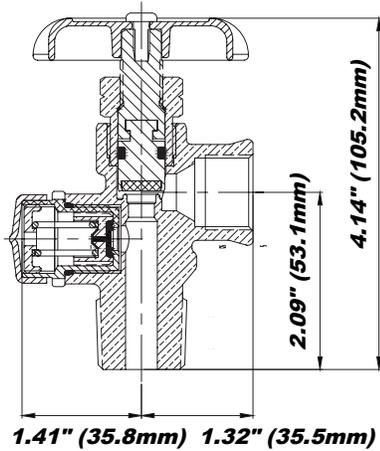


PVE3250 Series Propylene Valves for DOT Cylinders

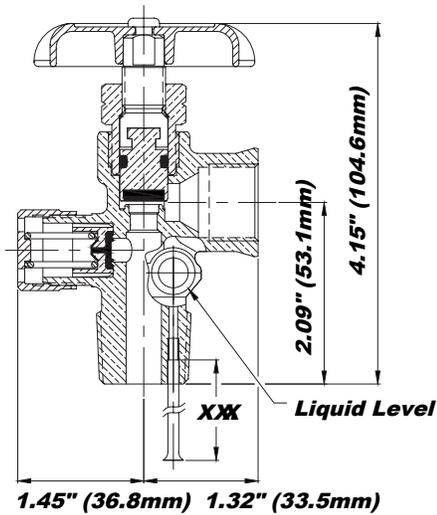
PVE3250R-435



PVE3250R Series Key Features & Benefits

- Internal pressure relief valve
- Designed for use in single port 100 lb. or multi-port 420 lb. DOT cylinder
- For use with both 4BW240 and 4BW260 cylinders
- Start to discharge pressure 435 not to exceed to 480 PSI
- Compliant with CGA Technical Bulletin 27
- Rugged C36600 brass body construction
- Includes replaceable PRV (CGA recommends replacing every 10 years)

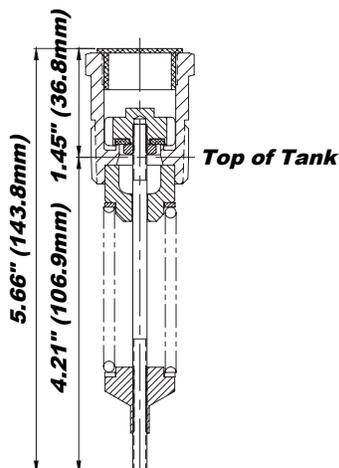
PVE3250CLG435



PVE3250C Series Key Features & Benefits

- Designed for use in single port 100 lb. or multi-port 420 lb. DOT cylinder
- Compatible with propylene only 4BW260 cylinders
- Pressure relief valve incorporated into the valve body, not replaceable (CGA recommends replacing every 10 years)
- Rugged C36600 brass body construction
- Start to discharge pressure 435 PSI
- Compliant with CGA Technical Bulletin 27

PVE446B



PVE446B Series Key Features & Benefits

- Compatible with propylene only, 4BW260 cylinders
- For use on 420 lb. multi-port cylinders
- Start to discharge pressure 435 PSI
- Compliant with CGA Technical Bulletin 27

PVE3250 Series Propylene Valves for DOT Cylinders

Design Specifications

	English	Metric
Maximum Working Pressure	500 PSI	34 BAR
Operating Temperature Range	-50° F to +149° F	-45° C to +65° C
Storage Temperature Range	-60° F to +149° F	-51° C to +65° C
Leak Rate Internal/External	1 × 10 ⁻³ atm cc/s	1 × 10 ⁻³ mL/sec
Operating Torque	10-20 in lbs.	1.1- 2.2 N-m
Bonnet Installation Torque	50- 60 ft.-lbs.	67- 44 N-m
Minimum Cycle Life	2000 Cycles	2000 Cycles

Replacement Parts

3250-8LH-KIT	Bonnet Assembly Kit for PVE3250C and PVE3250CLG
3250R-10-KIT	50 Replaceable Pressure Relief Devices for PVE3250R-435
TL3250R	Tool for Replaceable CG-7

Part Description

Body
Bonnet & Stem Assembly
Bonnet
Upper Stem
O-Ring
Lubricant
Lower Stem
Seat
Handwheel
Handwheel Screw
Safety Assembly
Safety Body
Spring
Safety Seat Holder
Safety Seat
Safety Retainer
Bonnet Locking Pin
Protective Cap
Thread Sealant

Materials of Construction

Brass C37700
Brass C36000
PTFE Coated Brass C36000
Buna-N
Drakeol #9 Oil
Brass C36000
Nylon
Aluminum
Plated Steel
Brass C36000
Stainless Steel
Glass Filled Nylon
Buna-N
Brass C36000
Plated Hardened Steel
Vinyl
Everseal 183

Ordering Information

Sherwood Part Number	Cylinder Type	CGA Outlet Connection	Inlet Connection	Start to Discharge Setting (PSI)	Special Features
PVE3250C-435	4B260, 4BA260, 4BW260	510	¾" NGT	435-520	—
PVE3250CLG435-XX.X*	4B260, 4BA260, 4BW260	510	¾" NGT	435-520	Liquid Level Gauge, Dip Tube
PVE3250R-435	4B260, 4BA260, 4BW260, 4BW240	510	¾" NGT	435-480	Replaceable CG-7 Pressure Relief Device
PVE446B	4B260, 4BA260, 4BW260	1.0-20 UNEF-2B	1"NPT	435-520	Relief Valve for Propylene Service Only

*XX.X — Specify length of dip tube relative to cylinder size.