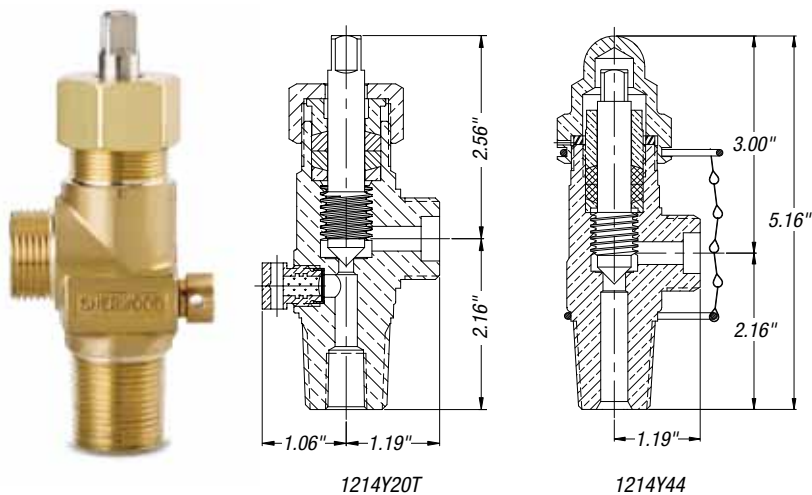


1214Y Series
Aluminum Silicon Bronze Packed Wrench-Operated Valves



- Sherwood's 1214 Series is designed for use in applications using chlorine gas, chlorine liquids, corrosive gases, insecticides & fumigants, preservatives and bleaching agents.
- Aluminum silicon bronze valve body offers proven resistance against various corrosive gases
 - One-piece monel stem provides positive shutoff in corrosive gas service with exceptional durability
 - Teflon® packing promotes easy operation while providing a durable leak-resistant stem seal
 - Optional tapped inlet threads for dip tube assembly
 - Available with standard CGA connections as well as international inlets and outlets
 - Available with unitized pressure-relief device having fuse metal backing

** Optional offering: Internal packing nut allowing for increased wall thickness and secondary seal cap (shown in second diagram)*

Ordering Information

| Packed Wrench-Operated Valves | | | | | |
|-------------------------------|-------------------|--------------------|---|--|-------|
| Sherwood Part Number | Inlet Thread Size | Outlet Designation | PRD | Features | CV |
| 1214Y26B | 3/4"-14 NGT | 330 | None | 1/4" Inlet Tap; Cap and Chain Oxygen Cleaned | .880 |
| 1214Y42 | 3/4"-14 NGT | 330 | 3360 PSIG, CG-5 | Cap and Chain | .880 |
| 1214Y9R-330PxM | 3/4"-14 NGT | 330 | CG-4, x = Burst Pressure Rating (see chart below) | — | .880 |
| 1214Y24 | 3/4"-14 NGT | 330 | None | 1/4" Inlet Tap | .880 |
| 1214Y41B | 3/4"-14 NGT | 330 | None | Secondary Seal Cap Oxygen Cleaned Outlet Cap and Chain | .880 |
| 1214F6 | 3/4"-14 NGT | 660 | None | — | .880 |
| 1214Y20T | 3/4"-14 NGT | 660 | 3360 PSIG, CG-4 | 1/4" Inlet Tap | 1.482 |
| 1214Y44 | 3/4"-14 NGT | 679 | None | Secondary Seal Cap Oxygen Cleaned | 1.885 |
| 1214Y3-SB | 3/4"-14 NGT | 670/679 | None | Oxygen Cleaned | 1.885 |

| Pressure-Relief Device | |
|--|--|
| Burst Pressure @ 165° F | A – 3000 PSIG B – 3360 PSIG C – 3775 PSIG D – 4000 PSIG |
| Burst Disc Material | Platinum-Clad Nickel |
| Type (per CGA S-1.1 latest edition) | None, Where Prohibited CG-2 Fuse Plug 165° F Fuse Metal CG-4 Burst Disc w/ 165° F Fuse Metal CG-5 Burst Disc w/ 212° F Fuse Metal |

| Specifications | | |
|--------------------------------------|--------------------------------|--------------------------------|
| Max. Service Pressure | 3000 PSIG | 200 Bar |
| Temperature Range | -50° F → 120° F | -45° C → 49° C |
| Leak Rate @ 2000 PSIG (138 Bar) | 1x10 ⁻⁵ atm cc/sec. | 1x10 ⁻⁵ bar mL/sec. |
| Closing Torque @ 2000 PSIG (138 Bar) | 15 ft.-lbs. | 5.6 N-m |