

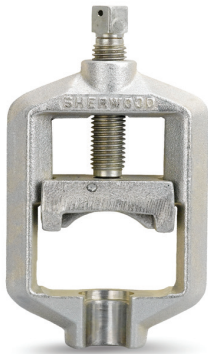
1206A Series

Packed Wrench-Operated Valves for Anhydrous Ammonia Applications

Designed for anhydrous ammonia applications including commercial refrigeration, metal treating, and chemical manufacturing.



- One-piece lead carbon steel, case-hardened, nickel-plated stem provides positive shut-off in corrosive gas service with exceptional durability
- One-piece PTFE packing promotes easy operation while providing a durable leak-resistant stem seal
- Designed to ensure a safe, long, trouble-free life under all service conditions
- 1206AX5 compatible with both CGA 705 and 240 outlets
- 1206AX9 compatible with CGA 240 outlet only
- Inlet Tap 1/4"-18 NPT



Standards Conformance

CGA V-9	Standards for Gas Cylinder Valves
CGA S1.1	Standards for Pressure Relief Devices
CGA V-1	Compressed Gas Cylinder Valve Outlet
A-A-59860	US General Services Administration Standards for Gas Cylinder Valves

Design Specifications

Part Description	Materials of Construction	Design Specifications	
		English	Metric
Stem	12L14 Carbon Steel with Nickel Plating	Maximum Working Pressure	3000 PSI / 207 Bar
Packing Nut	12L14 Carbon Steel with Zinc Plating	Burst Pressure	15,000 PSI / 1034 Bar
Packing Gland	12L14 Carbon Steel with Zinc Plating	Leak Rate	1x10 ⁻⁵ atm cc/s / 1x10 ⁻⁵ Bar mL/sec
Packing	PTFE	Operating Temperature	-50° F to +130° F / -45° C to +54° C
Packing Washer	12L14 Carbon Steel with Zinc Plating	Operating Torque	5-6.5 ft.-lbs. / 6.8-8.8 N-m
Seat	Tin (SN)	Closing Torque	15 ft.-lbs. / 20.3 N-m
Body	303 Stainless Steel	Cv Flow Factor	0.733 / 0.733
		Cycle Life	1000 Minimum / 1000 Minimum

Sherwood Part Number	Description	CGA Outlet
1206AX5	Packed Ammonia Cylinder Valve	705, 240
1206AX9	Packed Ammonia Cylinder Valve with Lead Washer Recess	240
628X1	Ammonia Yoke	800
5877	Adapter	800