6800 Series

Gauge Valves



Features

- Corrosion-resistant bar stock 316 stainless steel bodies
- Packing below stem threads prevents contamination and wash away of thread lubricants to assure long valve life
- Hardened 17-4 PH 2-piece , non-rotating stem point minimizes seat galling and provides an excellent metal-to-metal seat for positive shutoff
- Low profile bonnet assembly and large diameter stem reduces damage to bonnet and stem assembly
- Roll pin locks bonnet in the valve body to prevent accidental removal
- Choice of 5⅜″ long body for standard process use or 7⅜″ body for insulated piping applications
- Three outlets meet individual gauge requirements
- Polyethylene cap protects stem and bonnet from external damage
- Rugged large handle provides easy grip and control
- All models are stamped with maximum operating pressures on valve body
- High temperature packing is available on special order
- Special High Tolerance NPT Thread

Technical Data

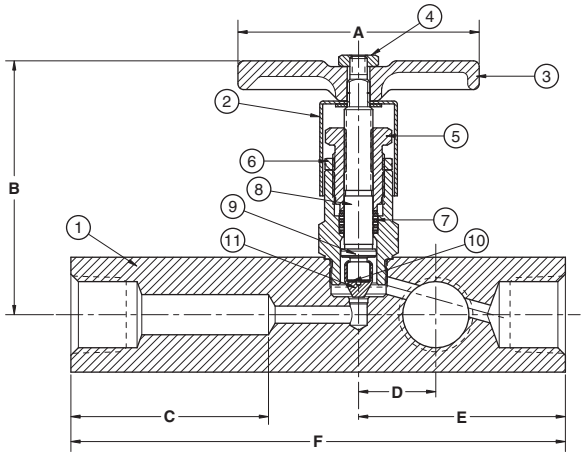
Body Material	316 stainless steel
Maximum Operating Pressure	• 6000 psig @ -65° to +200° F (414 bar @ -54° C to +93° C) • 3000 psig @ +450° F (207 bar @ +232° C)
Operating Temperature Range	-65° F to +450° F (-54° C to +232° C)
Orifice Sizes	6801L8Y: 0.156″ (3.96mm) All others: 0.187″ (4.75mm)

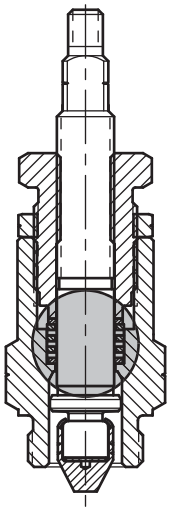
gauge valves

HOKE Incorporated
405 Centura Court • PO Box 4866 (29305) • Spartanburg, SC 29303
Phone (864) 574-7966 Fax (864) 587-5608
www.hoke.com • sales@hoke.com

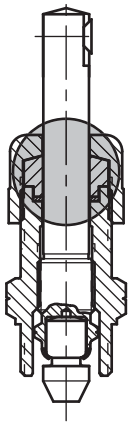
6800 Series

Materials of Construction





Dyna-Pak® Packing



TFE Packing (6801L8Y only)

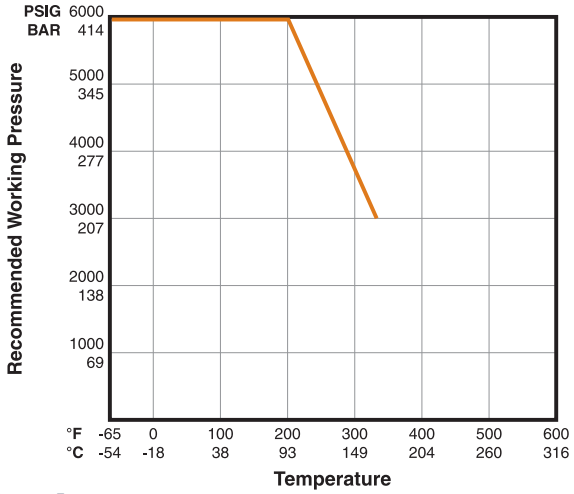
	Part	316 Stainless Steel Models
1	Body	316 stainless steel
2	Housing	316 stainless steel
3	Handle	303 stainless steel
4	Hex nut	18-8 stainless steel
5	Packing nut	XM-28 stainless steel
6	Lock nut	316 stainless steel
7	Packing*	Dyna-Pak®
8	Stem	316 stainless steel
9	Retaining ring	316 stainless steel
10	Disc	17-7 PH stainless steel
11	Stem point	17-4 PH stainless steel

Dimensions

Model Number		A	B	C	D	E	F
6801L8Y	inch	1¼	2 1⁵⁄₃₂	1	⁹⁄₁₆	1¾	3¼
	mm	32	64	25	14	44	83
6802L8Y	inch	2⅝	3	2 ⁵⁄₃₂	²⁷⁄₃₂	2¼	5⅜
	mm	67	75	55	21	57	136
6803L128Y	inch	2⅝	3	2 ⁵⁄₃₂	²⁷⁄₃₂	2¼	5⅜
	mm	67	75	55	21	57	136
6805L128Y	inch	2⅝	3	4 ⁵⁄₃₂	²⁷⁄₃₂	2¼	7⅜
	mm	67	75	106	21	57	188

* *Model 6801L8Y uses a single-piece molded Teflon® packing system.*

Pressure vs. Temperature



How to Order: Standard Valves

Connections		Order by Part Number	Body Length	
Inlet	Outlet	316 Stainless Steel	Inch	mm
½″ NPT male	½″ NPT female	6801L8Y*	3¼	83
½″ NPT male	½″ NPT female (3×)	6802L8Y	5⅜	136
½″ NPT female	½″ NPT female (3×)	6802F8Y	5⅜	136
¾″ NPT male	½″ NPT female (3×)	6803L128Y	5⅜	136
¾″ NPT male	½″ NPT female (3×)	6805L128Y	7⅜	188

* *Furnished with bleed plug drilled in body*
Model 6801L8Y uses a single-piece molded Teflon® packing system

Dyna-Pak® is a registered trademark of HOKE Incorporated.
Teflon® is a registered trademark of the DuPont Company.