



LUNKENHEIMER®

LVC Forged Steel Y Pattern Globe Valves (Class 800) are available in bolted or welded bonnet designs with bolted valves having spiral wound gaskets made of Stainless Steel / Graphite



Bolted Bonnet Y Pattern Globe Valve

Y Globe Valve Design and Specifications:

LVC Forged Steel Y Pattern Globe Valves conform to ASME B16.34. Each valve is inspected and tested in accordance with API 598 and marked per MSS SP-25.

Construction:

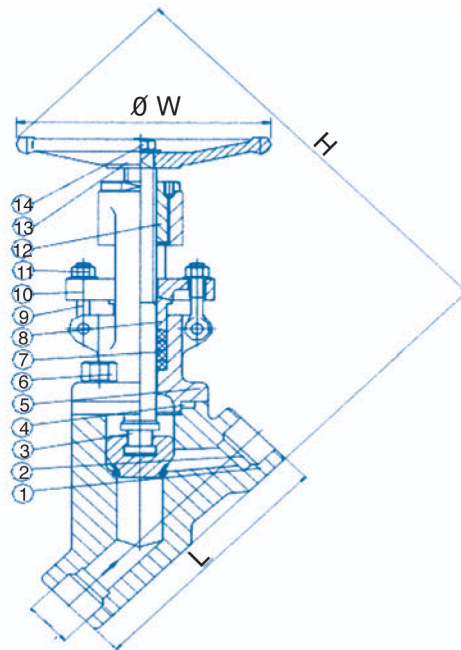
- Y Pattern design eases changes in directional flow and enhances Cv values
- Design reduces vibration by providing good disc to seat alignment
- Stem seal of flexible graphite with anti-extrusion ring for optimum sealing
- Two piece self aligning packing gland
- Impactor handwheels as well as chainwheels and locking devices are options
- Handwheel is rugged with knobs to provide positive grip
- Socket weld ends to ASME B16.11
- Threaded ends to ANSI/ASME B1.20.1
- Full range of actuators and accessories to meet automation requirements

LUNKENHEIMER

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Engineering Data

Forged Steel Y Globe Valves - Class 800



No.	Part Name	Materials		
1	Body	ASTM A105	ASTM F304	ASTM F316
2	Disc	ASTM F6 (stellite optional)	ASTM F304	ASTM F316
3	Stem	F6	ASTM F304	ASTM F316
4	Gasket	Graphite + 304		Graphite + 316
5	Bonnet	ASTM A105	ASTM F304	ASTM F316
6	Bonnet Bolt	ASTM A193 B7	ASTM A193 B8	
7	Stem Packing	Reinforced Graphite		
8	Gland	ASTM A276 410	ASTM F304L	ASTM F316L
9	Gland Eyebolt	ASTM A193 B7	ASTM A193 B8	
10	Gland Flange	ASTM A216 WCB	ASTM F304	ASTM F316
11	Gland Nut	ASTM A193 2H	ASTM A194 B8	
12	Stem Nut	ASTM A276 410	ZcuA110Fe3	
13	Handwheel	ASTM A197		
14	Handwheel Lock Nut	ASTM A194 2H	ASTM A194 B8	
Other materials are available upon request				

Size	L	H (Open)	W	Wt (lbs)
1/2"	3.85	9.45	3.94	5.1
3/4"	3.85	9.45	3.94	7.9
1"	4.72	11.42	4.92	17.2
1-1/4"	5.51	11.89	6.30	18.1
1-1/2"	5.51	14.50	6.30	27
2"	6.69	14.57	7.09	33