



Bronze control valve

Type OR800 / USA-Type 9100



Features

- Control valve in size 3/4", 1", 1,25", 1,5" and 2"
- Globe cast body
- Maximum allowable pressure 20 bar
- Suitable for control of medium and high flow
- Equal percent characteristic

Applications

Suitable for control of liquids, gases or steam, in industrial applications. Large Cv-values relating to the valve size.

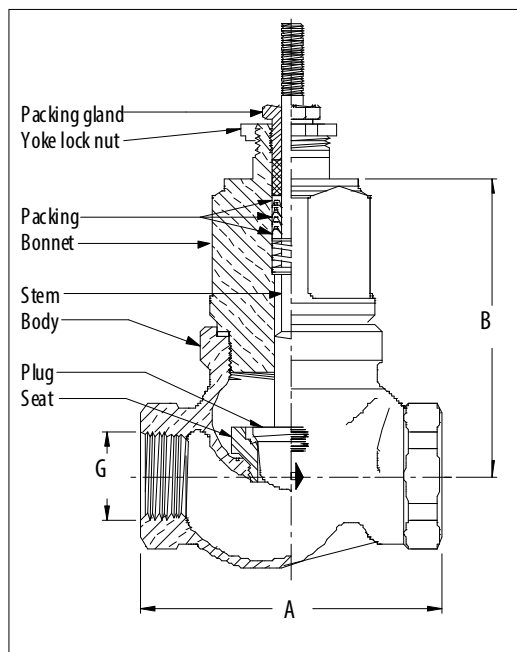
Options

- Reduced CV 's
- Linear Characteristic or On-Off
- Double Packing, REK fugitive emission packing
- Double Packing with Purge Port
- Positioners, i/p-converters, filter regulators
limit switches, solenoid valves, gauges
- Extended bonnet for cryogenic applications

Valve materials

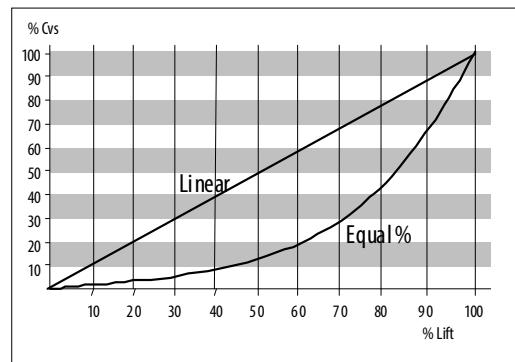
Body and bonnet	Bronze B 62
Innervalue	316L SS (Stainless Steel)
Body gasket	Copper
Packing	PTFE-„V“ rings, Live Loaded optional Grafoil
Spring	321 SS (Stainless Steel)
Packing Follower	PTFE-PFA, optional Bronze or Grafoil

Dimensions



G	A	B
2"	179	56
1,5"	159	50
1,25"	159	50
1"	115	36
3/4"	115	36

Innervel characteristic



Seat leakage

0,01% of CVS

ANSI Class IV

Pressure-temperature rating

Temperature (°C)	Pressure (bar)
-29 to + 66	20
93	18
121	16
149	14
177	12
207	10

Innervel chart

Valve size	Port dia. (mm)	Port area (cm ²)	Cvs (=%)	Maximum allowable pressure drop (bar)	
				Shut Off Δ p	Operation Δ p
2"	50,8	20,3	54	6,2	3,1
2"	44,5	15,5	36	6,2	3,1
2"	44,5	15,5	22	7,9	3,95
1,5"	41,3	13,4	35	9,3	4,65
1,5"	31,8	7,9	24	9,3	4,65
1,5"	31,8	7,9	14	15,5	7,75
1,25"	41,3	13,4	29	9,3	4,65
1,25"	31,8	7,9	20	15,5	7,75
1,25"	31,8	7,9	12	15,5	7,75
1"	25,4	5,1	15	20	10
1"	19	2,8	10	20	10
1"	19	2,8	6,0	20	10
1"	12,7	1,27	3,0	20	10
0,75"	25,4	5,1	12	20	10
0,75"	19	2,8	8,0	20	10
0,75"	19	2,8	6,0	20	10
0,75"	12,7	1,27	3,0	20	10