







550-01 Valve Selection	100-46 Pattern: Globe (G), Angle (A), End Connections: Threaded (T), Grooved (GR), Flanged (F) Indicate Available Sizes						
	Inches	1½	2	2½	3	4	6
	mm	40	50	65	80	100	150
Basic Valve 100-46	Pattern	G	G	G	G	G	G
	End Detail	F	F	F	F	F	F
Suggested Flow (gpm)	Maximum	125	210	300	460	800	1800
	Maximum Surge	280	470	670	1000	1800	4000
Suggested Flow (Liters/Sec)	Maximum	8	13	19	29	50	113
	Maximum Surge	10.1	30	42	63	113	252

**100-46 Series is the full internal port Hytrol.**

6550-01 Valve Selection	100-44 Pattern: Globe (G), Angle (A), End Connections: Flanged (F) Indicate Available Sizes								
	Inches	2	2½	3	4	6	8	10	12
	mm	50	65	80	100	150	200	250	300
Basic Valve 100-44	Pattern	G	G	G	G	G	G	G	G
	End Detail	F	F	F	F	F	F	F	F
Suggested Flow (gpm)	Maximum	200	300	460	580	1025	2300	4100	6400
	Maximum Surge	420	600	900	990	4000	3970	7050	11000
Suggested Flow (Liters/Sec)	Maximum	12.5	18	32	37	113	145	258	403
	Maximum Surge	26	38	55	62	111	250	444	693

**100-44 Series is the reduced internal port size version of the 100-01 Series.**

## Pilot System Specifications

### Adjustment Ranges

0 to 75 psi Max.  
20 to 200 psi \*  
100 to 300 psi

\*Supplied unless otherwise specified  
Other ranges available, please consult factory

### Temperature Range

Water: to 180°F

### Materials

#### Standard Pilot System Materials

Pilot Control: Stainless Steel Type 303  
Trim: Stainless Steel Type 303  
Rubber: Buna-N® Synthetic Rubber

#### Optional Pilot System Materials

Pilot Systems are available with optional  
316 Stainless Steel or Monel materials.

Note: Available with remote sensing control.

## When ordering Please Specify:

1. Catalog No. 550-01/6550-01
2. Valve Size
3. Pilot System Materials
4. End Detail (150/300)
5. Fluid to be Handled
6. Fluid Temperature
7. Inlet Pressure
8. Outlet Pressure
9. Adjustment Range
10. Desired Options



E-550-01/6550-01 (R-8/2013)

## CLA-VAL

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