

81-02 Valve Selection	100-01 Pattern: Globe (G), Angle (A), End Connections: Threaded (T), Grooved (GR), Flanged (F) Indicate Available Sizes																			
	Inches	1	1¼	1½	2	2 ½	3	4	6	8	10	12	14	16	18	20	24	30	36	
	mm	25	32	40	50	65	80	100	150	200	250	300	350	400	450	500	600	750	900	
Basic Valve 100-01	Pattern				G, A	G, A	G, A	G, A	G, A	G, A	G, A	G, A	G, A	G, A	G	G	G, A	G	G	
	End Detail				T, F, Gr	T, F, Gr*	T, F, Gr	T, F, Gr	T, F, Gr*	T, F, Gr*	F	F	F	F	F	F	F	F	F	
Suggested Flow (gpm)	Maximum				63	90	138	240	550	950	1475	2100	2600	3400	4200	5200	7700	10150	14020	
Suggested Flow (Liters/Sec)	Maximum				4.0	5.7	8.7	15.1	34.7	60	93	132	164	214	265	328	485	-	-	

100-01 Series is the full internal port Hytrol.

*Globe Grooved Only

681-02 Valve Selection	100-20 Pattern: Globe (G), Angle (A), End Connections: Flanged (F) Indicate Available Sizes															
	Inches	3	4	6	8	10	12	14	16	18	20	24	30	36	42	48
	mm	80	100	150	200	250	300	350	400	450	500	600	750	900	1000	1200
Basic Valve 100-20	Pattern	G	G, A	G, A	G, A	G	G	G	G	G	G	G	G	G		
	End Detail	F	F	F	F	F	F	F	F	F	F	F	F	F		
Suggested Flow (gpm)	Maximum	60	138	240	550	950	1475	2100	2100	3800	3800	3800	8400			
Suggested Flow (Liters/Sec)	Maximum	3.8	8.7	15.1	35	60	93	132	132	239	239	239	529			

100-20 Series is the reduced internal port size version of the 100-01 Series.

Pilot System Specifications

Temperature Rating

Water: to 180°F. Max.

Speed Controls

Opening and closing speed controls are standard on the 81-02 and 681-02 Model.

* **Note:** Advise factory when ordering if valve will not be installed with the main valve stem in a vertical position.

Materials

Standard Pilot System Materials

- Fittings: Brass
- Tubing: Copper

Optional Pilot System Materials

Pilot Systems are available with optional stainless steel or Monel materials.

When Ordering, Please Specify

1. Catalog No. 81-02 or 681-02
2. Valve Size
3. Pattern - Globe or Angle
4. Pressure Class
5. Threaded or Flanged
6. When Vertically Installed *



CLA-VAL

Represented By: