

Globe Valve Data Sheet



FEATURES:

- Designed for efficient throttling and control of flow
- Provides positive shut-off for reliable operation
- Exhibits excellent flow regulation characteristics throughout the full lift of the disc
- Designed with durable materials to ensure long-lasting performance in highly corrosive environments
- Metal components are kept isolated from media
- Rated for full vacuum service across all sizes

PRESSURE VS. TEMPERATURE (PSI, WATER, NON-SHOCK):

Body Material	Temperature (F)	inches (mm)			
		1/2" - 1-1/2" (15 - 40)	2" (50)	2-1/2" - 3" (65 - 80)	4" (100)
PVC	30° - 70°	150	150	110	110
	71° - 105°	150	150	110	80
	106° - 120°	110	95	95	65
PP	-5° - 70°	110	110	110	110
	71° - 120°	95	75	60	60
	121° - 175°	65	45	35	35

WEIGHTS (LBS.):

Nominal Size		Weight
inches	mm	
1/2	15	-
3/4	20	-
1	25	-
1-1/4	32	-
1-1/2	40	-
2	50	-
2-1/2	65	-
3	80	-
4	100	-

CV VALUES:

Nominal Size		Cv
inches	mm	
1/2	15	4.1
3/4	20	6.4
1	25	9.7
1-1/4	32	18.0
1-1/2	40	22.0
2	50	29.0
2-1/2	65	57.0
3	80	78.0
4	100	115.0

SPECIFICATIONS:

SIZES: 1/2" - 4"
BODY MATERIALS: PVC, PP
MODELS: Flanged ANSI: 1/2" - 4"*
 Socket PVC: 1/2" - 2"
 Socket PP**: 1/2" - 1"
 Threaded PVC: 1/2" - 2"
 Threaded PP: 1/2" - 1"
PLUG TYPE: Polypropylene
SEALS: EPDM, FKM

* For 2-1/2" - 4" sizes: Outside stem and yoke type

** DIN socket type also available