

Floating Ball Valve – Model 4500
Torque & Coefficient of Flow (Cv):

Torque for Floating Ball Valve in N-m						
Size		ASME Class				
in	mm	150	300	600	900	1500
1 / 2	15	11	18	23	29	42
3 / 4	20	13	21	29	46	58
1	25	22	36	56	84	128
1.1/2	40	44	71	108	165	214
2	50	62	92	146	225	386
2.1/2	65	94	125	194	356	---
3	80	133	198	259	529	---
4	100	190	368	504	---	---
6	150	602	1024	---	---	---
8	200	1065	2185	---	---	---

Note: -

- ❖ For Peek or Devlon add 1.2 & for metal seat add 1.6.
- ❖ For actuator selection or sizing, factor of safety 1.3 – 1.5 is recommended.
- ❖ INVACO reserve the right to change Design, Material or specification or any other information without prior notice.

Coefficient of Flow (Cv) for Floating Ball Valve in gpm:

Size		Cv
in	mm	
1 / 2	15	27
3 / 4	20	61
1	25	110
1.1/2	40	213
2	50	466
2.1/2	65	746
3	80	1092
4	100	2052
6	150	4916
8	200	9136

Note: -

- ❖ All size are Full Bore as per API 6D.
- ❖ The Coefficient of Flow (Cv) is defined in U.S. gallon per minute (gpm) of water required to pass through a valve with a pressure drop of 1 psi.
- ❖ INVACO reserve the right to change Design, Material or specification or any other information without prior notice.