

Trunnion Mounted Ball Valve - Model 4000

| Coefficient of Flow (Cv) for Trunnion Mounted Ball Valve in gpm. | | | | | | | |
|--|------|------------|--------|--------|--------|-------|-------|
| Size | | ASME Class | | | | | |
| in | mm | 150 | 300 | 600 | 900 | 1500 | 2500 |
| 2 | 50 | 466 | 466 | 466 | 466 | 466 | 343 |
| 2.1/2 | 65 | 764 | 764 | 764 | 746 | 746 | 525 |
| 3 | 80 | 1092 | 1092 | 1092 | 1092 | 1092 | 767 |
| 4 | 100 | 2052 | 2052 | 2052 | 2052 | 2052 | 1553 |
| 6 | 150 | 4916 | 4916 | 4916 | 4916 | 4530 | 3749 |
| 8 | 200 | 9136 | 9136 | 9136 | 9136 | 8337 | 7246 |
| 10 | 250 | 14361 | 14361 | 14361 | 14361 | 12917 | 11246 |
| 12 | 300 | 21546 | 21546 | 21546 | 21540 | 19331 | 16480 |
| 14 | 350 | 26180 | 26180 | 26180 | 24332 | 23286 | --- |
| 16 | 400 | 34785 | 34785 | 34785 | 32650 | 30414 | --- |
| 18 | 450 | 46433 | 46433 | 46433 | 43705 | --- | --- |
| 20 | 500 | 57931 | 57931 | 57931 | 54187 | --- | --- |
| 24 | 600 | 84739 | 84739 | 84739 | 79360 | --- | --- |
| 26 | 650 | 102224 | 102224 | 102224 | 97122 | --- | --- |
| 28 | 700 | 119360 | 119360 | 119360 | 112821 | --- | --- |
| 30 | 750 | 137823 | 137823 | 137823 | 129332 | --- | --- |
| 32 | 800 | 154818 | 154818 | 154818 | 147358 | --- | --- |
| 34 | 850 | 175753 | 175753 | 175753 | 166560 | --- | --- |
| 36 | 900 | 194881 | 194881 | 194881 | 186500 | --- | --- |
| 40 | 1000 | 243023 | --- | --- | --- | --- | --- |
| 42 | 1050 | 265428 | --- | --- | --- | --- | --- |
| 48 | 1200 | 363781 | --- | --- | --- | --- | --- |
| 54 | 1350 | 460586 | --- | --- | --- | --- | --- |
| 56 | 1400 | 494904 | --- | --- | --- | --- | --- |
| 60 | 1500 | 568798 | --- | --- | --- | --- | --- |

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.

