

Gate Valve - Model 1000

Torque & Thrust for Gate Valve											
Size		150#		300#		600#		900#		1500#	
in	mm	Thrust	Torque	Thrust	Torque	Thrust	Torque	Thrust	Torque	Thrust	Torque
		KN	N-m	KN	N-m	KN	N-m	KN	N-m	KN	N-m
2	50	8	17	12	28	20	46	25	68	34	123
2.1/2	65	9	19	15	33	27	51	33	87	42	178
3	80	11	25	19	44	34	90	41	96	73	236
4	100	14	38	26	73	52	149	69	184	96	367
6	150	23	71	45	164	98	212	131	553	219	953
8	200	34	116	75	270	145	684	207	952	341	1804
10	250	46	170	113	426	212	1175	306	1687	459	2331
12	300	64	254	149	621	298	1554	423	2452	653	3349
14	350	73	315	185	785	350	1978	513	2891	---	---
16	400	101	423	238	589	449	2479	549	3236	---	---
18	450	127	547	295	1364	522	2987	729	5231	---	---
20	500	158	720	364	1816	678	4014	869	6708	---	---
24	600	209	1181	446	2589	870	6163	1194	10017	---	---

Note: -

- ❖ For actuator selection or sizing, factor of safety 1.3 - 1.5 is recommended.
- ❖ This is general information; values can vary with change in materials, trim, bonnet type, hand-wheel size, packing and other factor.
- ❖ INVACO reserve the right to change Design, Material or specification or any other information without prior notice.