

## Flow Coefficients (CV)

VALVE	Cv	Kv
2" 150# D711	195	169
3" 150# D711	200	173
4" 150# D711	530	458
6" 150# D711	1415	1224
8" 150# D711	2400	2076
10" 150# D711	3500	3028
12" 150# D711	4000	3460
14" 150# D711	5500	4758
16" 150# D711	6600	5709
18" 150# D711	6600	5709
20" 150# D711	15700	13581
20" 150# D711RVP	16000	13840
24" 150# D711	24000	20760
24" 150# D711RVP	24000	20760

*Cv US gallons per minute  
of flow with 60 degrees F  
water at 1 PSI pressure drop  
in the fully open position*

*Kv is cubic meters  
Per hour of flow with  
16 degrees C water at  
1 Bar pressure drop in  
the fully open position*

## Franklin DuraSeal - Torque & Turns

VALVE	OPERATOR	TORQUE FT. LBS.	TORQUE M/KG	TURNS
2" 150# D711	100 HWO	46	6.4	1.8
2" 150# D711	101 Gear	2.4	0.33	17
2" 150# D611	201 Gear	7	0.96	12-14
3" 150# D711	100 HWO	15	2.1	2
3" 150# D711	101 Gear	3	0.83	16
3" 150# D611	201 Gear	7	0.96	12-14
4" 150# D711	200 HWO	25	12.4	2.7
4" 150# D711	201 Gear	7	3.2	20
4" 150# D611	301 Gear	19	2.6	18-22
6" 150# D711	300 HWO	30	4.1	2.7
6" 150# D711	301 Gear	19	2.6	18.5
6" 150# D611	401 Gear	40	5.5	19-23
8" 150# D711	301 Gear	41	5.7	18.5
8" 150# D611	401 Gear	125	17.2	23-29
10" 150# D711	301 Gear	66	9.1	20
10" 150# D611	401 Gear	120	16.5	28-34
12" 150# D711	401 Gear	90	12.4	23
12" 150# D611	501 Gear	160	22.1	59-69
14" 150# D711	401 Gear	92	12.7	28
16" 150# D711	501 Gear	104	14.4	45
16" 150# D611	501 Gear	158	21.8	41-50
18" 150# D711	501 Gear	104	14.4	45
20" 150# D711	501 Gear	158	21.8	45.5
20" 150# D711RVP	501 Gear	160	22.1	45-55
20" 150# D611	501 Gear	167	23.0	48-58
24" 150# D711	501 Gear	167	23.1	53
24" 150# D711RVP	501 Gear	200	27.6	49-59