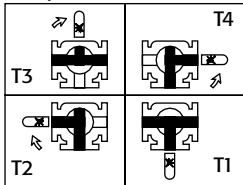


This side entry 3 way ball valve offers diverting and mixing flow patterns and often eliminates the need for two valves. The full port design is easily automated and is available with various seat materials. The bolt on side flanges make for easy seat changes as necessary to accommodate your service.

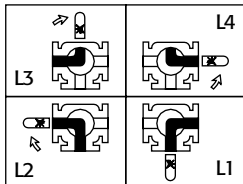
FLOW PATTERNS

3-Way T-Port



VALVE SIZE	VALVE Cv "T"	VALVE Cv "L"
1-1/2"	198	50
2"	315	120
2-1/2"	643	158
3"	1170	275
4"	1930	422
6"	4914	788
8"	10,530	1828
10"	17,550	3159
12"	24,336	4626

3-Way L-Port



Easy to Automate!

See automated data sheets for pre-sized assemblies



Pneumatic



Electric



Series 30
3-Way
Ball Valve

Sizes 1-1/2" – 12"

Available in 316SS or WCB

150# and 300# flanged

Full port design

"L" or "T" port option

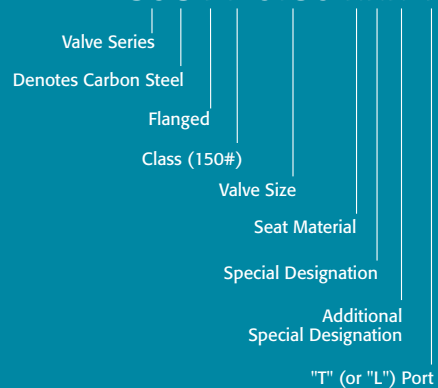
Trunnion ball design

ISO5211 actuator mounting pad

HOW TO ORDER
MANUAL VALVES

SAMPLE PART #

30C-F1-0150-XXX-T



See part number matrix for itemized options

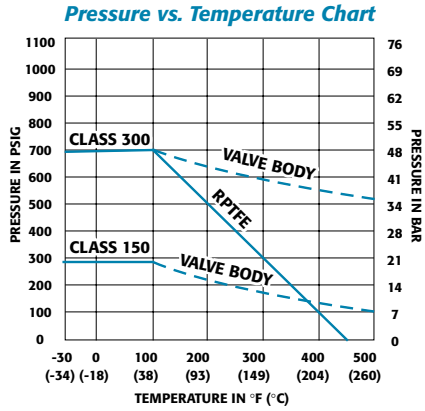
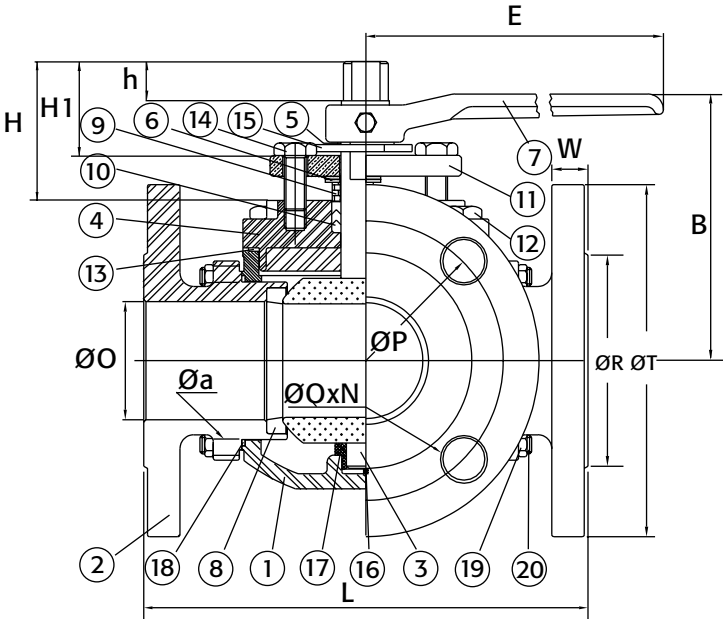
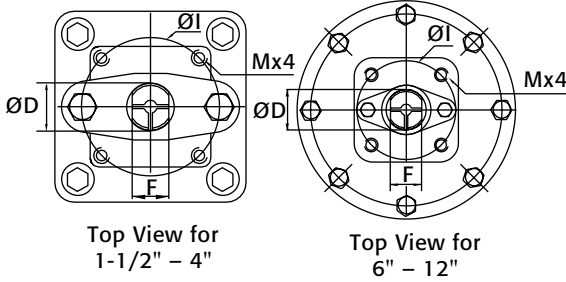


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Series 30

Three-Way Ball Valve 30-F1 (Class 150) Full Port, L or T Option 30-F3 (Class 300)



VALVE OPERATING TORQUES	
1-1/2"	650
2"	900
2-1/2"	2000
3"	2000
4"	3300
6"	9990
8"	17,500
10"	CF
12"	CF

NOTE: RTFE Seats.
Consult factory when using other seat material.

MATERIALS LIST

NO.	PART NAME	QTY.	MATERIAL	
			Stainless Steel	Carbon Steel
1	Body	1	CF8M	WCB
2	Flange Cap	3	CF8M	WCB
3	Ball & Stem	1	SS316	SS304
4	Top Cover	1	CF8M	WCB
5	C Retainer Ring	1	SS301	SS301
6	Belleville Washer	2	SS301	50CrV
7	Handle	1	Cast Iron	Cast Iron
8	Ball Seat	3	RPTFE	RPTFE
9	Gland Ring	1	SS304	SS304
10	V-Ring Packing	3	PTFE	PTFE
11	Packing Gland	1	CF8M	CF8M
12	Cover Bolt	*	ASTM A193 GR. B8	S45C
13	Cover Joint Gasket	1	PTFE	PTFE
14	Bonnet Cap Bolt	2	ASTM A193 GR. B8	S45C
15	Stopper	1	SS304	SS304
16	Spring	1	SS304	SS304
17	Bushing	1	§	§
18	Cap Joint Gasket	3	PTFE	PTFE
19	Nut	‡	SS304	S45C
20	Stud	‡	SS304	S45C

§ 50% stainless steel powder filled PTFE
* For 1-1/2" to 4" - 4 pcs.; For 6" to 10" - 8 pcs.
‡ For 1-1/2" to 4" - 12 pcs.; For 6" to 10" - 24 pcs.

NOTE: Materials designated in the list are our standard materials.
Other options are available for higher pressure and temperature rating.

DIMENSIONS (IN)

SIZE	a DIA.	B	C DIA.	D DIA.	E	F	H	H1	h	I DIA.	L	* L	M	N	* N	P DIA.	* P DIA.	Q DIA.	* Q DIA.	R DIA.	T DIA.	* T DIA.	W	* W	ISO5211	LBS.
1-1/2"	3/8"	4.53	1.57	0.87	11.50	0.67	1.93	0.98	1.50	1.97	7.13	7.40	3/8"	4	4	3.88	4.51	0.63	0.87	2.87	5.00	6.14	0.56	0.81	F05	19
2"	3/8"	4.80	1.97	0.87	11.50	0.67	1.85	0.98	1.61	2.76	8.66	9.37	3/8"	4	8	4.74	5.00	0.75	0.75	3.62	5.98	6.50	0.63	0.88	F07	36
2-1/2"	1/2"	6.42	2.60	1.16	15.16	0.67	2.68	1.38	1.85	2.76	11.14	11.10	7/16"	4	8	5.49	5.87	0.75	0.87	4.13	7.01	7.48	0.69	1.00	F07	55
3"	1/2"	6.89	2.99	1.16	15.16	0.67	2.24	1.22	1.89	276/4.02	11.81	11.85	7/16"	4	8	6.00	6.61	0.75	0.87	5.00	7.48	8.27	0.75	1.13	F07/F10	72
4"	1/2"	8.46	3.98	1.34	20.87	0.91	2.60	1.38	1.89	4.92	13.11	15.12	1/2"	8	8	7.50	7.87	0.75	0.87	6.18	9.02	10.00	0.94	1.25	F12	128
6"	1/2"	10.08	5.94	1.77	31.50	1.38	2.87	2.13	1.89	4.92	17.72	18.43	1/2"	8	12	9.51	10.63	0.87	0.87	8.50	10.98	12.52	1.00	1.44	F12	250
8"	5/8"	11.93	7.91	2.36	39.37	1.77	3.43	2.01	2.28	6.50	20.87	20.94	5/8"	8	12	11.75	12.99	0.87	0.98	10.63	13.50	15.00	1.13	1.63	F16	450
10"	5/8"	12.99	9.84	2.36	39.37	1.77	3.62	2.44	2.17	6.50	27.68	27.68	5/8"	12	16	14.25	15.26	0.98	1.14	12.76	15.98	17.48	1.19	1.88	F16	850
12"	5/8"	14.57	11.81	2.76	39.37	2.17	2.76	1.46	2.56	6.50	29.92	29.92	5/8"	12	16	17.01	17.76	0.98	1.26	15.00	19.02	20.51	1.25	2.00	F16	CF

* DIMENSIONS FOR ANSI CLASS 300