

THREE WAY
34T - 3 Way Threaded Ball Valve

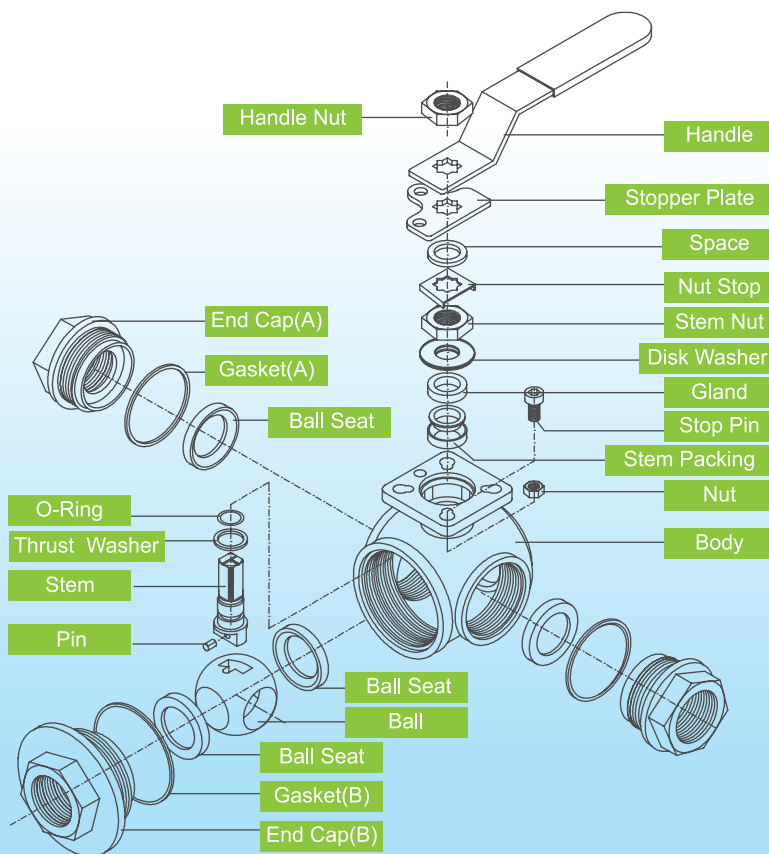
Specification

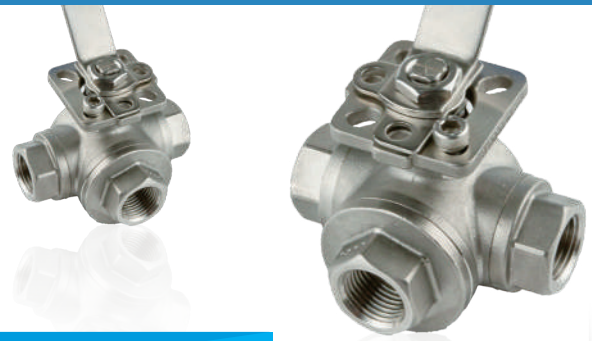
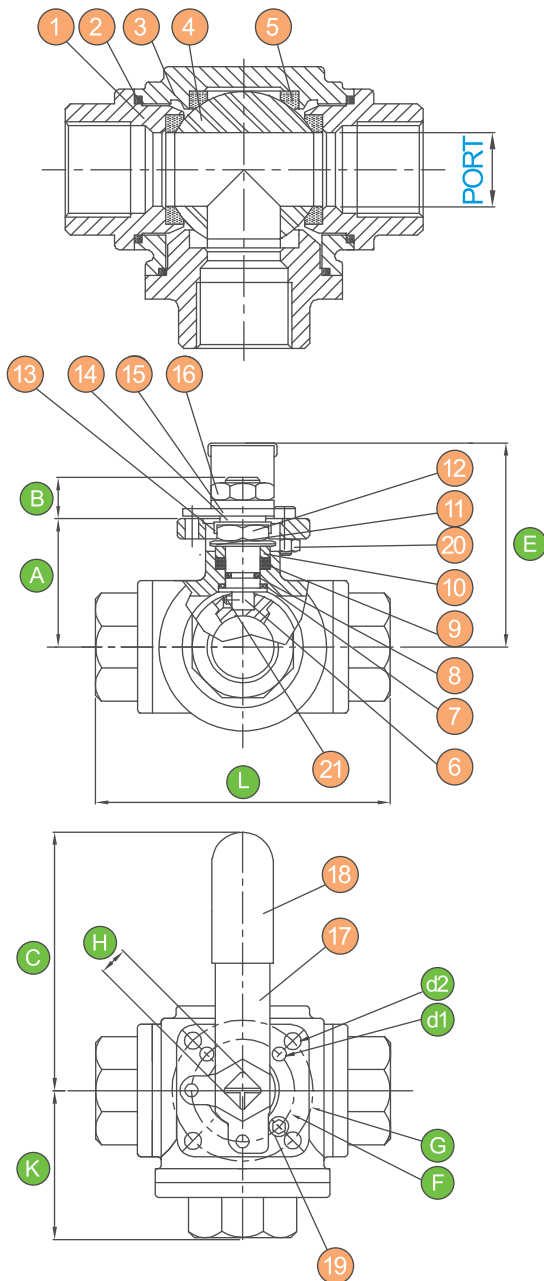
Available Material	CF8M
Working Pressure	1000 / 800 PSI
Ball Bore	Full / Standard
Available Ball Type	L / T Port
End Connection	Threaded
Size Range	1/4" to 2"
ISO Mount	Direct

Additional Information

Packing Design	Adjustable
Stem Design	Blow-out proof
Operation	Handle / Actuator
Options	PTFE Coating / 180° Operation

Remark : 34T is also available in special alloy materials upon request





MATERIAL LIST

ITEM	PART NAME	MATERIALS
1	End Cap	A351 Gr.CF8M
2	Gasket	PTEE
3	Body	A351 Gr.CF8M
4	Ball	SS 316
5	Seat	PTFE
6	Stem	SS316
7	Thrust Washer	RPTFE
8	O-Ring	VITON
9	Stem Packing	PTFE
10	Gland	SS 304
11	Disk Washer	SS 301
12	Stem Nut	SS 304
13	Nut Stop	SS 304
14	Space Washer	SS 304
15	Stopper Plate	SS 304
16	Handle Nut	SS 304
17	Handle	SS 304
18	Sleeve	Plastic
19	Stop Pin	SS 304
20	Nut	SS 304
21	Pin	SS 316

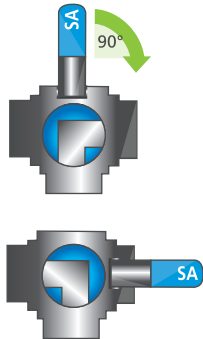
DIMENSIONS(mm)

FULL PORT	STD. PORT	A	B	C	d1	d2	E	F	G	H	K	L	PORT
1/4"	—	37	9.5	130	6.0	6.0	62	36	42	9	35	72	11
3/8"	1/2"	37	9.5	130	6.0	6.0	62	36	42	9	35	72	12
1/2"	3/4"	42	10.5	130	6.0	6.0	64	36	42	9	40.5	84.5	15
3/4"	1"	48.5	14	165	6.0	7.1	82	42	50	11	49.5	100	20
1"	1-1/4"	55.5	14	165	6.0	7.1	89	42	50	11	56.5	113	25
1-1/4"	1-1/2"	63	17	205	7.1	9.2	98	50	70	14	62	125.5	32
1-1/2"	2"	73.5	16	205	7.1	9.2	108	50	70	14	73.5	150	38
2"	—	92	21	325	9.2	11.4	140	70	102	17	87	174	50

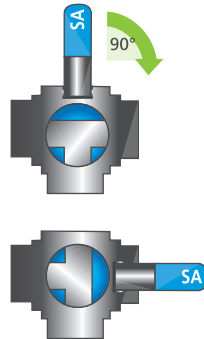


FLOW PATTERN

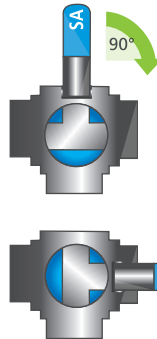
STANDARD
L3 - 90°



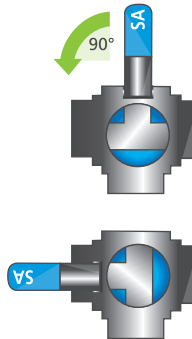
STANDARD
T3 - 90°



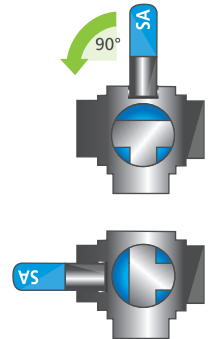
T4 - 90°



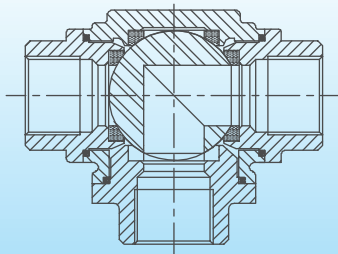
T5 - 90°



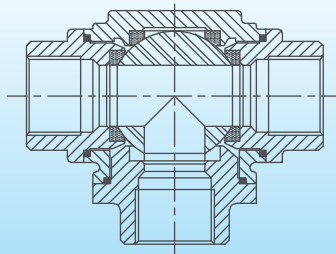
T6 - 90°



OPTION

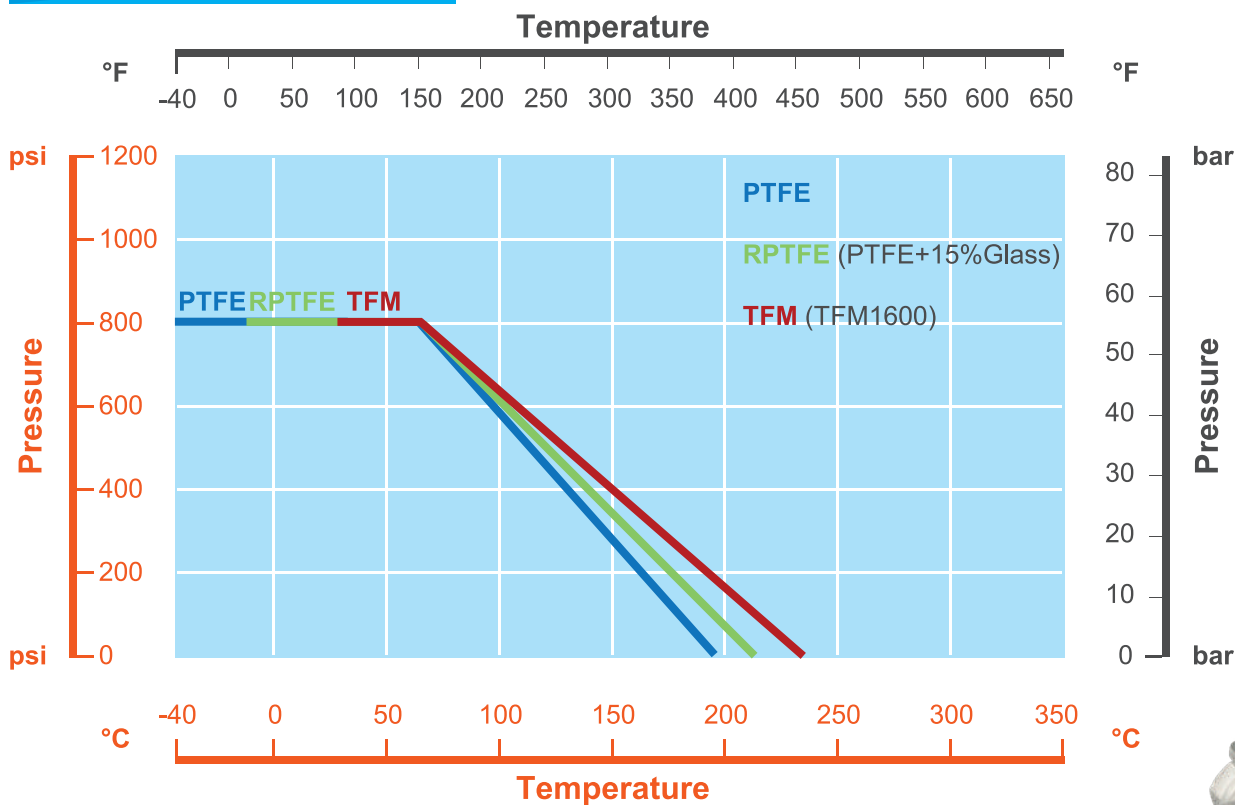


L-port



T-port

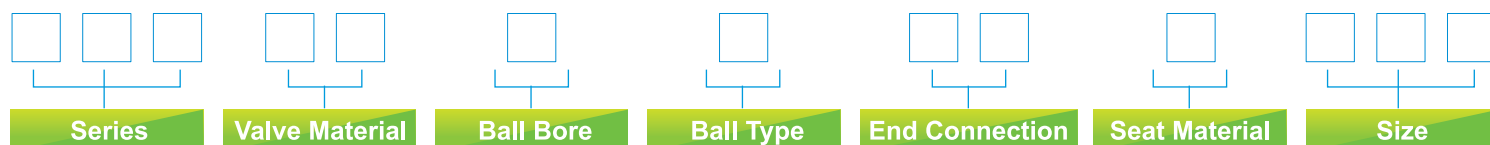
PRESSURE & TEMPERATURE



BREAK-TORQUE VALUE (Nm)

FULL BORE SIZE	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
STANDARD BORE SIZE	—	1/4" ~ 1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	—
GREASE	13	13	15	18	33	59	72	81
NON-GREASE	17	17	21	25	45	81	102	114

Remark : The above break-torque value has included safety factor (30%~40%)

HOW TO ORDER


Valve Material	
01	CF8M
02	CF3M
03	WCB
04	904L
05	254 SMO
06	2205
07	2507
08	Zeron100
09	Alloy 20
10	Monel 400
11	Hastelloy B
12	Hastelloy B-2
13	Hastelloy C-276

Ball Bore	
F	Full port
S	Standard port

Ball Type	
L	L-port
T	T-port
X	X-port
I	I-port

End Connection	
01	NPT
02	BSP
03	BSPT
04	Socket Weld
05	Butt Weld
06	ANSI150
07	ANSI300
08	PN16
09	PN40
10	JIS10K
11	JIS20K
12	T-clamp end
13	Tube weld end

Seat Material	
A	PTFE
B	RPTFE (PTFE+15%Glass Fiber)
C	PTFE+25%Carbon
D	PTFE+50%SS
E	TFM1600
F	TFM4215 (TFM1600+25%Carbon)
G	DELIRIN
H	PEEK

Size	
08	1/4"
10	3/8"
15	1/2"
20	3/4"
25	1"
32	1-1/4"
40	1-1/2"
50	2"
65	2-1/2"
80	3"
100	4"
125	5"
150	6"
200	8"
250	10"
300	12"

