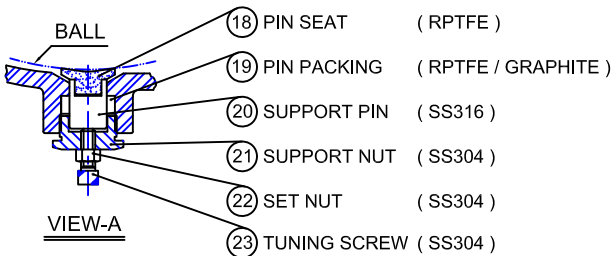


MATERIAL LIST

NO.	PART NAME	MATERIAL		Q'TY
		STAINLESS STEEL	CARBON STEEL	
1	BODY	A351-CF8M	A216-WCB	1
2	CAP	A351-CF8M	A216-WCB	1
3	STEM	SS316		1
4A	GLAND	A351-CF8	A216-WCB	1
4B	SLEEVE	SS304	CARBON STEEL	1
5	BALL	A351-CF8M		1
6	SEAT	RPTFE		2
7	PACKING(1)	RPTFE / GRAPHITE		1
7A	PACKING(2)	50% PTFE + 50% 316		1
8	THRUST WASHER(2)	RPTFE		1
8A	THRUST WASHER(1)	50% PTFE + 50% 316		1
9	GASKET	SPRIAL WOUND WIRE (316/GRAPHITE)		1
10	STEM BEARING	RPTFE		1
11	ANTI-STATIC	SS316		2
12	TRAVEL STOPPER	SS304	STEEL PLATED	1
13	SNAP RING	NICKEL PLATED CARBON STEEL		2~1
14	HANDLE	JUNCTION HEAD (FCD) / PIPE GRIP(S15C)		1
15	STUD	B8	B7	6~20
16	NUT	8	2H	6~20
17	GLAND BLOT	SS304	CARBON STEEL	2

2-1/2" - 4" : LEVER OPERATION (HANDLE / FCD)



SUPPORT BALL DESIGN( 6" , 8" , 10",12" )

DIMENSIONS

SIZE	PORT	B	C	D	E	F	T	N	H	K	L	J	Q	G	P	M	W	CV	Torque (kgf-cm)	Weight (kgs)
2-1/2"	65	105	149	190	22	1.6	25.4	8	158	390	241	28	17	44.5	78	102	M10X1.5	690	800	18.6
3"	80	127	168	210	22	1.6	28.6	8	166	390	283	28	17	44.5	78	102	M10X1.5	970	1100	30.4
4"	100	157	200	254	22	1.6	31.8	8	183	390	305	28	17	44.5	78	102	M10X1.5	1680	1400	44.8
6"	150	216	270	318	22	1.6	36.6	12	285	650	403	43.5	26	42	91	125	M12X1.75	4950	4000	109.1
8"	200	270	330	381	25	1.6	41.3	12	323	950	502	43.5	26	42	91	125	M12X1.75	9950	6000	172.5
10"	250	324	387.5	444	29	1.6	47.7	16	368	1100	568	55	35	54	98	140	M16X2.0	13500	8500	319
12"	300	381	451	521	32	1.6	50.8	16	408	1100	648	55	35	54	98	140	M16X2.0	19000	11000	390

unit:mm

