



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	4~16
16	NUT	8	2H	4~16
17	GLAND BLOT	SS304	CARBON STEEL	2

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

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	139.5	178	19	1.6	22.3	4	165	390	190	28	17	44.5	78	102	M10X1.5	700	750	15.3
3"	76	127	152.5	190	19	1.6	23.9	4	166	390	203	28	17	44.5	78	102	M10X1.5	980	1000	16.6
4"	101.5	157	190.5	229	19	1.6	23.9	8	183	390	229	28	17	44.5	78	102	M10X1.5	1700	1300	27.9
6"	152	216	241.5	279	22	1.6	25.4	8	285	650	394	43.5	26	42	91	125	M12X1.75	5000	3600	76.8
8"	200	270	298.5	343	22	1.6	28.6	8	294	950	457	43.5	26	42	91	125	M12X1.75	10000	5500	132.6
10"	250	324	362	406	25	1.6	30.2	12	372	1100	533	50	35	54	98	140	M16X2.0	15000	8000	245
12"	300	381	432	483	25	1.6	31.8	12	413	1100	610	50	35	54	98	140	M16X2.0	21000	10500	298

