



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
4	SLEEVE	SS304		1
5	DISK SPRING WASHER	SS301		2
6	LOCK WASHER	SS304		1
7	BALL	A351-CF8M		1
8	SEAT	RPTFE		2
9	GASKET	RPTFE / GRAPHITE		1
10	PACKING(1)	RPTFE / GRAPHITE		1
11	PACKING(2)	50% PTFE + 50% 316		1
12	THRUST WASHER	TFM+ 25% CARBON		1
13	ANTI-STATIC	SS316		2
14	SET SLEEVE	SS304		1
15	HANDLE	SS304		1
16	LOCATING LOCK	SS304		1
17	PLASTIC COVER	PLASTIC		1
18	THIN NUT	SS304		2
21	O-RING	VITON		1

DIMENSIONS

unit:mm

SIZE	PORT	B	C	D	T	F	N	E	H	K	L	J	Q	G	P	M	W	CV	Torque (kgf-cm)	Weight (kgs)
1"	20	51	79.5	108	14.3	1.6	4	16	74	165	127	9.3	6.35	8	14	42	M5X0.8	40	110	2.5
1-1/2"	32	73	98.5	127	17.5	1.6	4	16	92	200	165	10.9	8	11	19	50	M6X1.0	120	450	4.36
2"	38	92	120.5	152	19.1	1.6	4	19	105	265	178	15.7	9.5	14	23	70	M8X1.25	240	550	7.8

Pressure VS. Temperature Chart

