

Dimensions in mm (JIS 10K)

SIZES		BORE DIAMETER	L	H	D	CV	TORQUE	WT KG
DN	In.							
15	1/2	15	108	80	140	26	5	2.0
20	3/4	20	117	90	140	50	8	2.5
25	1	25	127	95	135	94	9	4.5
32	1 1/4	32	140	102	135	160	10	5.5
40	1 1/2	40	165	110	210	260	10	6.5
50	2	50	178	130	210	480	13	9.0
65	2 1/2	65	190	162	340	750	20	13.0
80	3	80	203	177	340	1300	32	16.0
100	4	100	229	205	340	2300	48	22.0
125	5	125	356	240	670	3000	80	43.0
150	6	150	394	280	670	5400	200	54.5
200	8	200	457	325	670	10000	350	91.5
250	10	250	533	660		16000	450	174.0
300	12	300	610	750		24000	650	297.0

Note : Cv = US Gallon per minutes

Size DN125 ~ DN300, L=Basic Series ISO 12

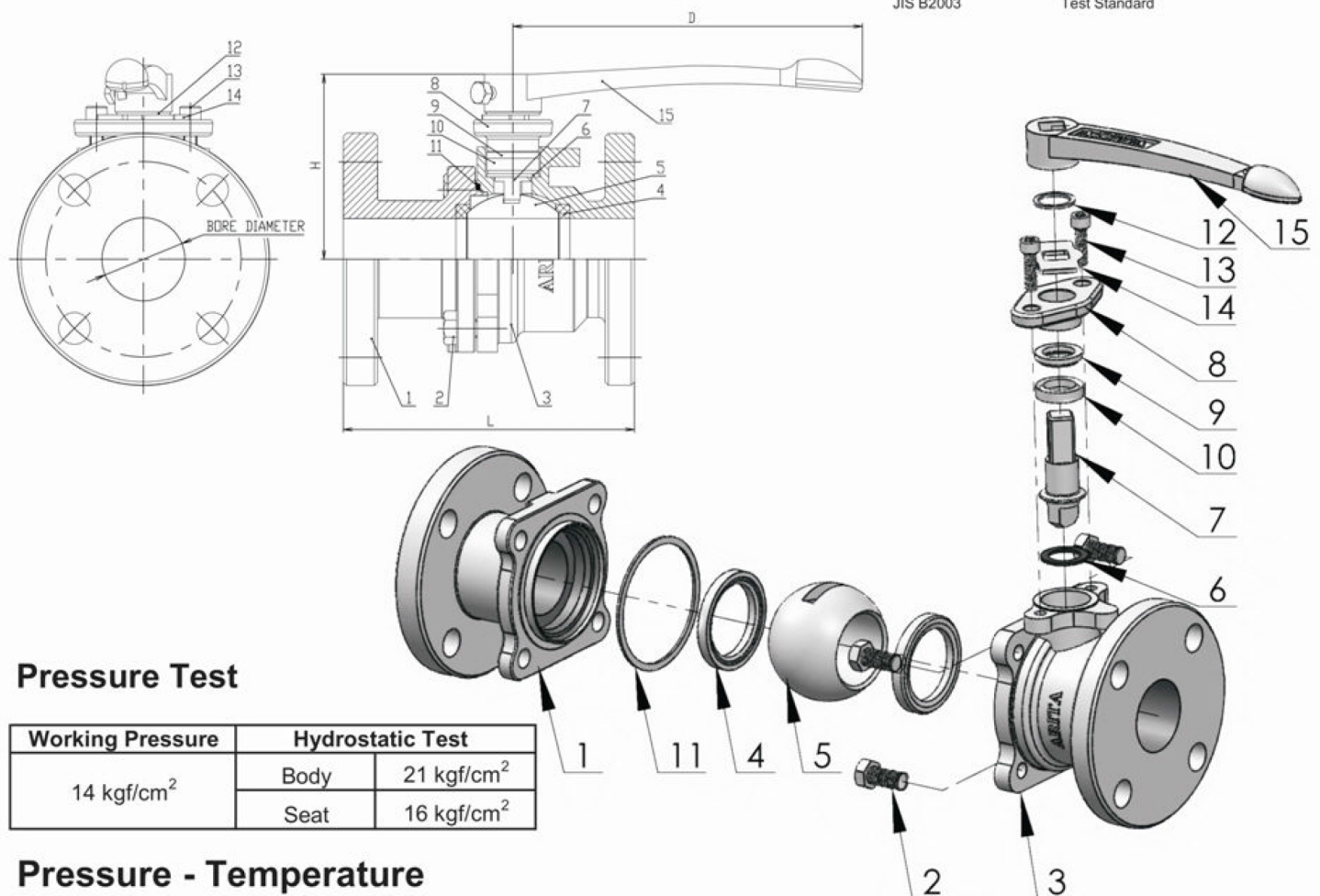
Materials

No.	PART	QTY.	MATERIAL
1	CAP	1	FC 200
2	BOLT	3-16	MILD STEEL
3	BODY	1	FC 200
4	BALL SEAT	2	PTFE
5	BALL	1	SUS 304
6	THRUST WASHER	1	PTFE
7	STEM	1	SUS 304 / SUS 410
8	GLAND	1	FC 200
9	TOP PACKING	1	PTFE
10	BOTTOM PACKING	1	PTFE
11	GASKET	1	PTFE
12	RETAINER RING	1	SUS 304
13	CAP SCREW	2	MILD STEEL
14	STOPPER	1	MILD STEEL
15	HANDLE	1	FC 200

Design Standard:

JIS B2210
JIS B2002
JIS B2003

Flanged Ends
Face to Face Distance
Test Standard



Pressure Test

Working Pressure	Hydrostatic Test	
	Body	Seat
14 kgf/cm ²	21 kgf/cm ²	16 kgf/cm ²

Pressure - Temperature

Temperature °C	-10 ~ 120	150	180	200
Pressure Mpa (kgf/cm ²)	0.98 (10.0)	0.88 (9.0)	0.83 (8.5)	0.78 (8.0)

* Note: For working temperature above 120°C, reinforced PTFE or carbon filled PTFE seat is recommended

* For non-shock water, at 120°C, the allowable pressure is 1.37 Mpa (14 kgf/cm²)



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