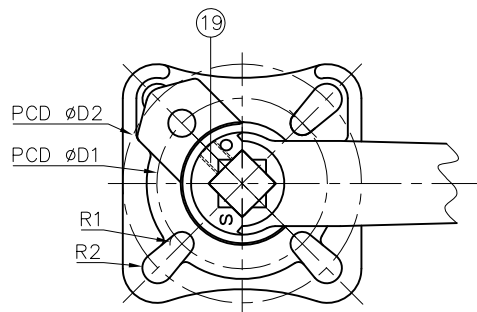
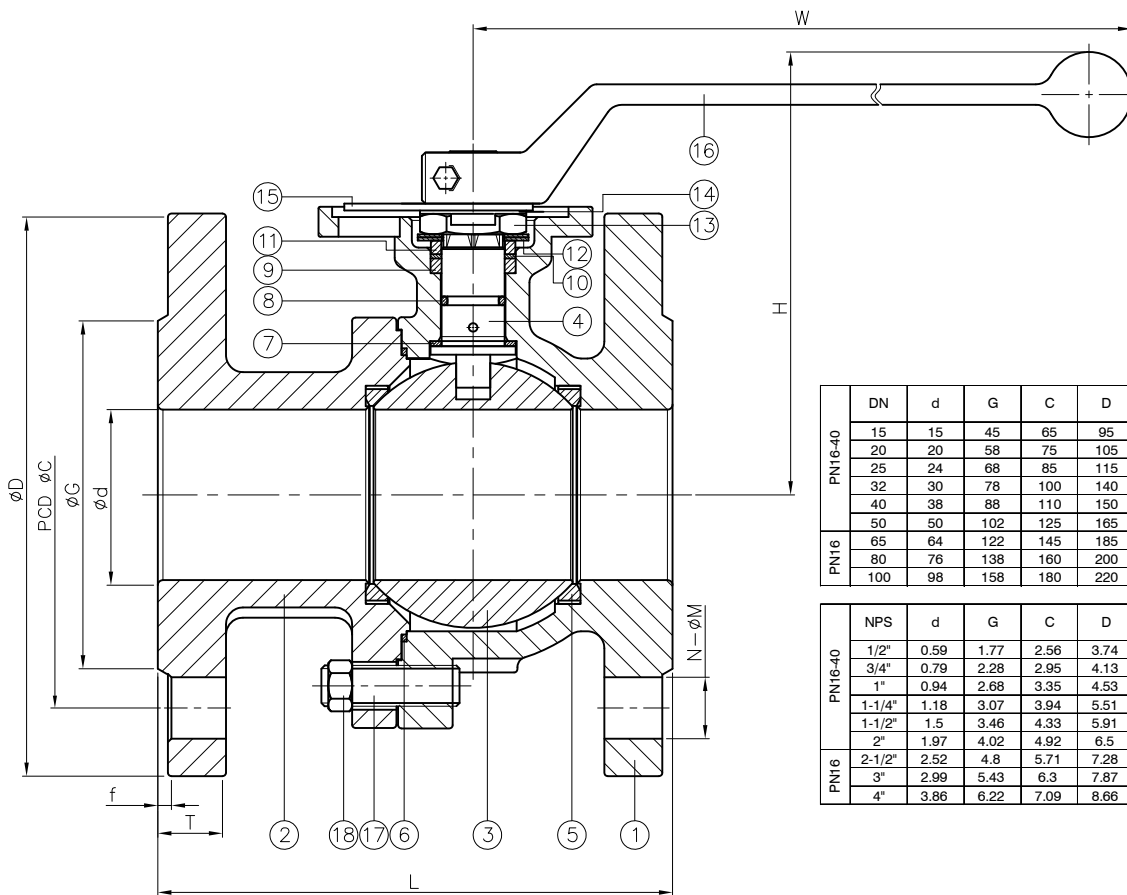


Ra	0.2	1.6	6.3	25	Q
JIS	▽	▽	▽	▽	▽

GENERAL TOLERANCE	± 0.1	± 0.2	± 0.3	± 0.5	± 0.8
	0.5~5	6~30	31~120	121~320	321~1000



- FEATURES :
- FACE TO FACE : EN 558-1 R27
 - FLANGE END : EN 1092-1
 - WALL THICKNESS : EN 12516-1
 - API 607 FIRE SAFE APPROVED
 - TEST : EN 12266-1



ITEM	PARTS	MATERIAL	
		1.4408 KH2FD16AIT	1.0619 KH2FD16IIT
1	BODY	ASTM A351-CF8M	
2	CAP		
3	BALL	ASTM A276-316	
4	STEM	RTFE / TFM1600	
5	SEAT	GRAPHITE	
6	SEAL	CTFE	
7	THRUST WASHER	VITON	
8	O-RING	GRAPHITE	
9	PACKING A	CTFE	
10	PACKING B	AISI 304	
11	GLAND RING	AISI 301	
12	BELLEVILLE WASHER	AISI 304	
13	NUT		
14	LOCK WASHER		
15	STOPPER		
16	HANDLE		
17	STUD		
18	NUT		
19	SOCKET SET SCREWS		

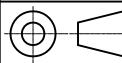
	DN	d	G	C	D	L	H	W	T	f	D1	D2	R1	R2	N	M	Torque (N-m)		Weight (kg)
																	Action	Breakaway	
PN16-40	15	15	45	65	95	115	87	190	18	2	36	42	2.75	2.75	4	14	3	5.2	2.3
	20	20	58	75	105	120	90.5	190	18	2	36	42	2.75	2.75	4	14	4.7	8	2.9
	25	24	68	85	115	125	92.4	190	18	2	42	50	2.75	3.5	4	14	9	12.5	3.9
	32	30	78	100	140	130	106.9	190	18	2	42	50	2.75	3.5	4	18	11	14	5.5
	40	38	88	110	150	140	121.9	235	18	3	50	70	3.5	4.5	4	18	18	24.5	7.3
	50	50	102	125	165	150	129.9	235	20	3	50	70	3.5	4.5	4	18	23	32	10
PN16	65	64	122	145	185	170	155.8	325	18	3	70	102	4.5	5.5	4	18	27	38	15.3
	80	76	138	160	200	180	162.3	325	20	3	70	102	4.5	5.5	8	18	30	45	19.4
	100	98	158	180	220	190	190.9	325	20	3	102	125	5.5	6.5	8	18	37	55	25.7

	NPS	d	G	C	D	L	H	W	T	f	D1	D2	R1	R2	N	M	Torque (in-lb)		Weight (lb)
																	Action	Breakaway	
PN16-40	1/2"	0.59	1.77	2.56	3.74	4.53	3.43	7.48	0.63	0.08	1.42	1.65	0.11	0.11	4	0.55	26.6	46	5.1
	3/4"	0.79	2.28	2.95	4.13	4.72	3.56	7.48	0.71	0.08	1.42	1.65	0.11	0.11	4	0.55	41.6	70.8	6.4
	1"	0.94	2.68	3.35	4.53	4.92	3.64	7.48	0.71	0.08	1.65	1.97	0.11	0.14	4	0.55	79.7	110.6	8.5
	1-1/4"	1.18	3.07	3.94	5.51	5.12	4.21	7.48	0.71	0.08	1.65	1.97	0.11	0.14	4	0.71	97.4	123.9	12.1
	1-1/2"	1.5	3.46	4.33	5.91	5.51	4.8	9.25	0.71	0.12	1.97	2.76	0.14	0.18	4	0.71	159.3	216.8	16
	2"	1.97	4.02	4.92	6.5	5.91	5.11	9.25	0.79	0.12	1.97	2.76	0.14	0.18	4	0.71	203.6	283.2	22
PN16	2-1/2"	2.52	4.8	5.71	7.28	6.69	6.13	12.8	0.71	0.12	2.76	4.02	0.18	0.22	4	0.71	239	336.3	33.7
	3"	2.99	5.43	6.3	7.87	7.09	6.39	12.8	0.79	0.12	2.76	4.02	0.18	0.22	8	0.71	265.5	398.3	42.9
	4"	3.86	6.22	7.09	8.66	7.48	7.52	12.8	0.79	0.12	4.02	4.92	0.22	0.26	8	0.71	327.5	486.8	56.7

unit:in

FLUXER
FLOOD CONTROL

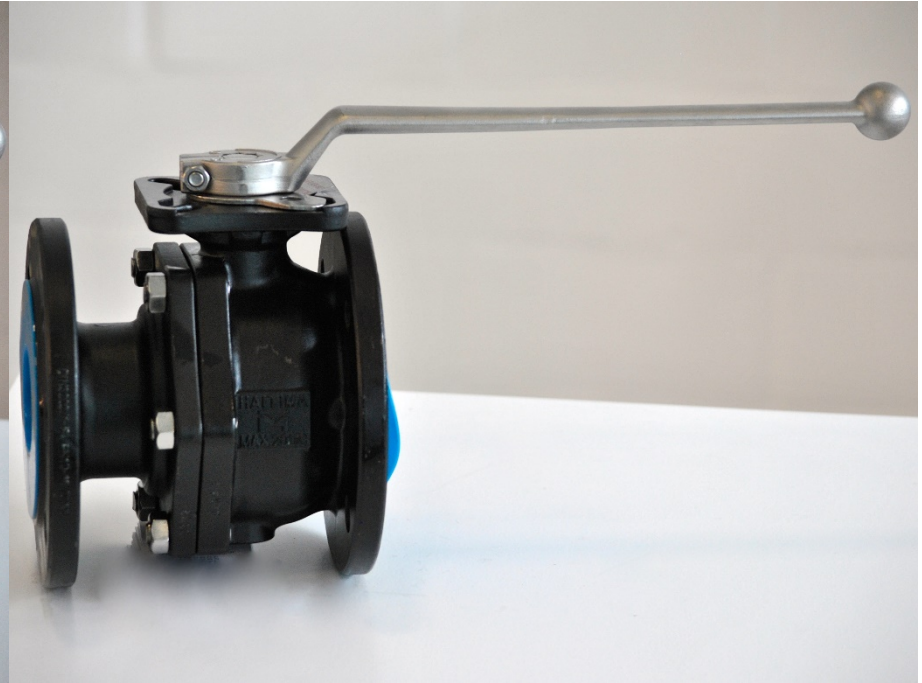
CHECK BY	DRAWING BY	DATE	SPECIFICATION	2-PC Flanged End Ball Valve PN16/40
		Jul.22.2014	MATERIAL	CF8M/WCB
			PROCESS/Nr.	
			UNIT / SCALE	mm



△			
△			
△			
Revise	Description	Date	Approve
DRAWING NO. KH2FD16AIT & KH2FD16IIT			



KH2FD16IIT



KH2FD16AIT

PRESSURE-TEMPERATURE RATING

TEMPERATURE °C

