



Flanged End Ball Valves

2019

PN 16/40 2-PIECE FULL PORT

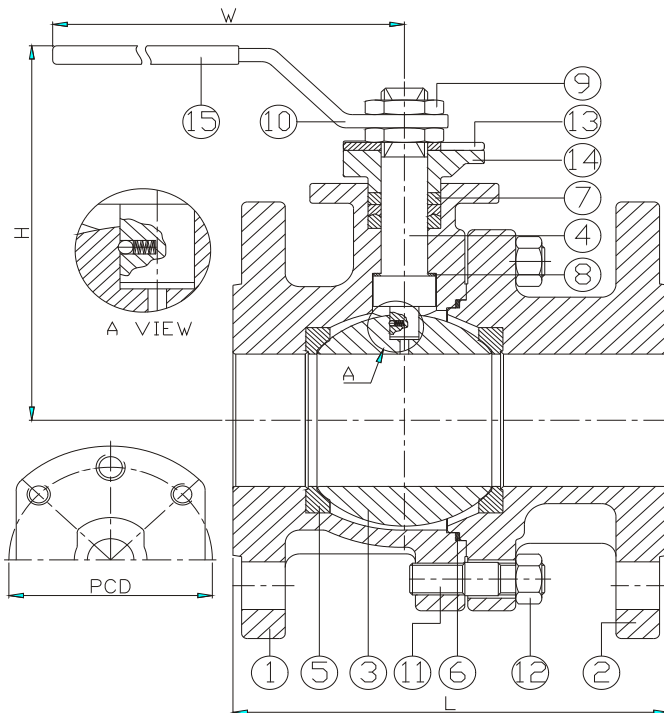


FEATURES

- The flange ends refers to DIN 2501 PN 16 & PN 40
- Face to Face : DIN 3202 Part1 F4/F18
- Investment casting
- Blow-out proof stem
- Full Port
- PTFE seal & packing
- ISO 5211 Mounting pad
- Anti-Static Device

Applicable Standard

Test and Inspection API 598



ITEM	PARTS	MATERIAL	
1	BODY	ASTM A351-CF8M	ASTM A216-WCB
2	CAP	1.4408	1.0619
3	BALL	ASTM A351-CF8M / 1.4408	
4	STEM	ASTM A276-316	
5	BALL SEAT	RTFE / PTFE / CTFE	
6	BODY SEAL	PTFE	
7	PACKING		
8	THRUST WASHER	AISI 304	
9	STEM NUT		
10	HANDLE		
11	STUD		
12	NUT	ASTM A351-CF8	
13	LOCKING DEVICE		
14	GLAND	ASTM A351-CF8	
15	HANDLE SLEEVE	PVC	

*RTFE = 15% GLASS FIBER + TFE

*CTFE = 25% CARBON + TFE

DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300
L	115	120	125	130	140	150	170	180	190	325	350	400	450	500
H	74	77	83	88	123	132	157	166	182	225	240	310	325	365
W	170	170	170	170	250	250	320	365	365	500	600	700	800	900
Kv	30	59	80	137	246	386	497	821	1404	3276	3861	10530	21645	27823
PCD	42	42	42	42	50	50	70	102	102	125	125	140	165	165
TQ(N-M)	6	6	15	30	30	50	80	90	120	204	246	412	698	931

unit : mm

NPS	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"
L	4.53	4.72	4.92	5.12	5.51	5.91	6.69	7.09	7.48	12.80	13.78	15.75	17.72	19.69
H	2.91	3.03	3.27	3.46	4.84	5.20	6.18	6.54	7.17	8.86	9.45	12.20	12.80	14.37
W	6.69	6.69	6.69	6.69	9.84	9.84	12.60	14.37	14.37	19.69	23.62	27.56	31.50	35.43
Kv	30	59	80	137	246	386	497	821	1404	3276	3861	10530	21645	27823
PCD	1.65	1.65	1.65	1.65	1.97	1.97	2.76	4.02	4.02	4.92	4.92	5.51	6.50	6.50
TQ(IN-LB)	53	53	133	266	266	443	708	797	1062	1806	2177	3646	6178	8240

unit : in

