

### Specification

1. Design Code: API 6D/API 608/ ISO 17292
2. Face to face: ASME B16.10
3. Flange Connection: ASME B16.5/ASME B 16.47
4. Testing / Inspection: API 598 / API 6D
5. Fire Safe: API 6FA / API 607

### Features

1. Split-body construction
2. Blowout-proof stem
3. Open / Closed indicator
4. Locking devices available
5. Live-loading packing available
6. Fire Safe Design
7. Soft Seated - Bubble tight Leakage
8. Anti-Static Device
9. Double block and bleed
10. Bi-Directional viable
11. Cavity Pressure Relief
12. Emergency sealant injection device



### Casting Trunnion Ball Valve, Full Bore 铸钢固定式球阀, 全通径

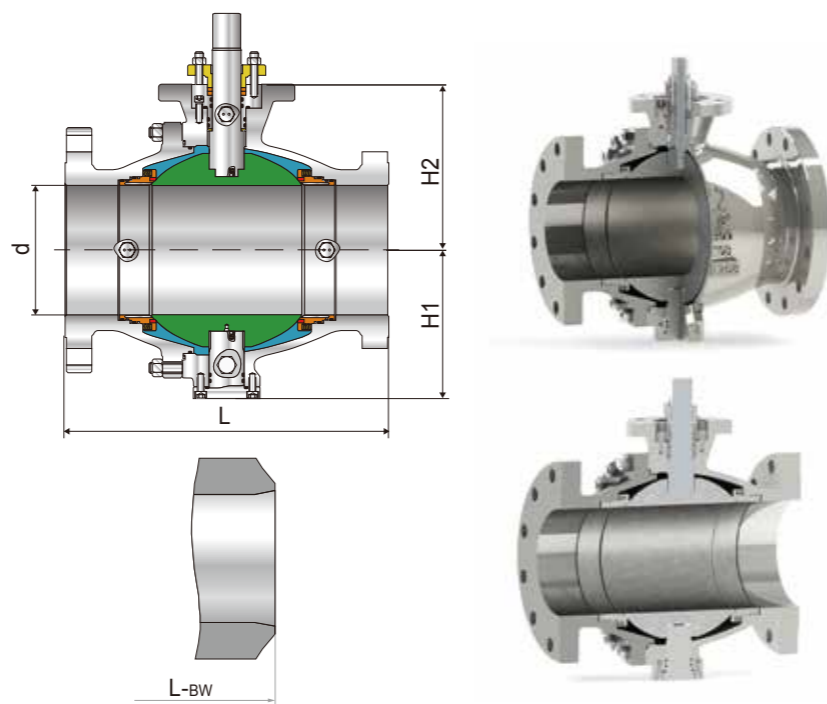
DN	NPS	d	结构长度(L-RF)		阀体中心高尺寸 H-1(参考值)	阀体中心高尺寸 H-2(参考值)
			150LB / PN16	300LB / PN25 / PN40		
50	2"	49	178	216	93	120
65	2-1/2"	62	190	241	105	132
80	3"	74	203	283	116	143
100	4"	100	229	305	138	162
125	5"	125	356	381	159	189
150	6"	150	394	403	182	210
200	8"	201	457	502	230	257
250	10"	252	533	568	270	310
300	12"	303	610	648	310	355
350	14"	334	686	762	335	380
400	16"	385	762	838	385	425
450	18"	435	864	914	426	473
500	20"	487	914	991	469	513
600	24"	589	1067	1143	510	555
700	28"	684	1245	1346	-	-
800	32"	779	1372	1524	-	-

### 制造标准

1. 设计标准: API 6D/API 608/ ISO 17292
2. 结构长度: ASME B16.10
3. 法兰标准: ASME B16.5/ASME B 16.47
4. 试验与检验: API 598 / API 6D
5. 防火性能: API 6FA / API 607

### 产品特点

- |            |              |
|------------|--------------|
| 1. 分体式设计   | 7. 软密封,零泄漏   |
| 2. 阀杆防吹出   | 8. A防静电装置    |
| 3. 开关位置指示  | 9. 双阻双排放     |
| 4. 操作带锁止功能 | 10. 根据双向密封要求 |
| 5. 允许添加填料  | 11. 阀腔自泄压    |
| 6. 防火设计    | 12. 紧急注脂密封   |



### Casting Trunnion Ball Valve, Reduce Bore 铸钢固定式球阀, 缩径

DN	NPS	d	结构长度(L-RF)		阀体中心高尺寸 H-1(参考值)	阀体中心高尺寸 H-2(参考值)
			150LB / PN16	300LB / PN25 / PN40		
80 x 50	3" x 2"	49	203	283	93	120
100 x 80	4" x 3"	74	229	305	116	143
125 x 100	5" x 4"	100	356	381	138	162
150 x 100	6" x 4"	100	394	403	138	162
200 x 150	8" x 6"	150	457	502	182	210
250 x 200	10" x 8"	201	533	568	230	257
300 x 250	12" x 10"	252	610	648	270	310
350 x 300	14" x 12"	303	686	762	310	355
400 x 350	16" x 14"	334	762	838	335	380
450 x 400	18" x 16"	385	864	914	385	425
500 x 450	20" x 18"	435	914	991	426	473
600 x 500	24" x 20"	487	1067	1143	469	513
700 x 600	28" x 24"	589	1245	1346	510	555
800 x 700	32" x 28"	684	1372	1524	-	-

**Casting Trunnion Ball Valve, Full Bore 铸钢固定式球阀, 全通径**

DN	NPS	d	结构长度(L-RF.BW) 600LB / PN63 / PN100	阀体中心高尺寸 H-1(参考值)	阀体中心高尺寸 H-2(参考值)
50	2"	49	292	95	120
80	3"	74	356	125	145
100	4"	100	432	150	175
150	6"	150	559	200	230
200	8"	201	660	250	285
250	10"	252	787	291	336
300	12"	303	838	330	380
350	14"	334	889	355	405
400	16"	385	991	405	450
450	18"	435	1092	455	505
500	20"	487	1194	500	545
600	24"	589	1397	540	585

**Casting Trunnion Ball Valve, Reduce Bore 铸钢固定式球阀, 缩径**

DN	NPS	d	结构长度(L-RF.BW) 600LB / PN63 / PN100	阀体中心高尺寸 H-1(参考值)	阀体中心高尺寸 H-2(参考值)
80 x 50	3" x 2"	49	356	95	120
100 x 80	4" x 3"	74	432	125	145
150 x 100	6" x 4"	100	559	150	175
200 x 150	8" x 6"	150	660	200	230
250 x 200	10" x 8"	201	787	250	285
300 x 250	12" x 10"	252	838	291	336
350 x 300	14" x 12"	303	889	330	380
400 x 350	16" x 14"	334	991	355	405
450 x 400	18" x 16"	385	1092	405	450
500 x 450	20" x 18"	435	1194	455	505
600 x 500	24" x 20"	487	1397	500	545

**Casting Trunnion Ball Valve, Full Bore 铸钢固定式球阀, 全通径**

DN	NPS	d	结构长度(L-RF.BW) 900LB / PN150	阀体中心高尺寸 H-1(参考值)	阀体中心高尺寸 H-2(参考值)
50	2"	49	360	100	130
80	3"	74	381	130	150
100	4"	100	457	160	190
150	6"	150	610	210	245
200	8"	201	737	260	300
250	10"	252	838	305	355
300	12"	303	965	340	405
350	14"	322	1029	370	430
400	16"	373	1130	420	475
450	18"	423	1219	470	535
500	20"	471	1321	515	580

**Casting Trunnion Ball Valve, Reduce Bore 铸钢固定式球阀, 缩径**

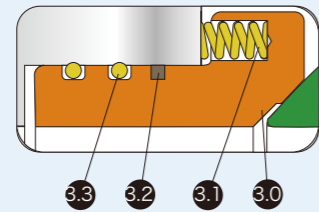
DN	NPS	d	结构长度(L-RF.BW) 900LB / PN150	阀体中心高尺寸 H-1(参考值)	阀体中心高尺寸 H-2(参考值)
80 x 50	3" x 2"	74 x 49	381	100	130
100 x 80	4" x 3"	100 x 74	457	130	150
150 x 100	6" x 4"	150 x 100	610	160	190
200 x 150	8" x 6"	201 x 150	737	210	245
250 x 200	10" x 8"	252 x 201	838	260	300
300 x 250	12" x 10"	303 x 252	965	305	355
350 x 300	14" x 12"	322 x 303	1029	340	405
400 x 350	16" x 14"	373 x 322	1130	370	430
450 x 400	18" x 16"	423 x 373	1219	420	475
500 x 450	20" x 18"	471 x 423	1321	470	535
600 x 500	24" x 20"	570 x 471	1549	515	580

NOTICE:

THE MATERIAL LIST FROM Material TABLE FOR YOUR REFERENCE. THE MATERIAL CAN BE CHANGE TO OTHER REQUEST MATERIAL  
备注：以下材料表所列材料为常用材料匹配，其他与下表不一致常规材料或特殊材料应根据实际进行调整。

**Model – I:**  
**Single Directional Metal Seated**

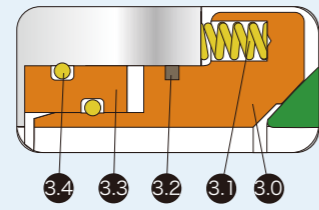
Suitable for DBB function  
Suitable Temperature: -46 ~ +200 °C  
**I-单向压密封硬密封阀座结构:**  
备注：该阀座结构可满足DBB功能  
适用温度范围：-46~200°C



3.3	O Ring O形圈	FKM
3.2	Fire Ring 防火圈	Graphite
3.1	Spring 预紧弹簧	INCONEL X-750
3.0	Seat 阀座	ASTM A182 F304+Ni55

**Model – II:**  
**Bi Directional Metal Seated**

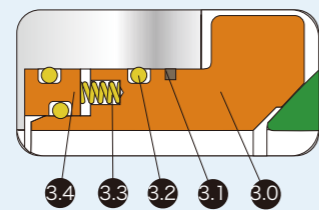
Suitable for DIB function  
Suitable Temperature: -46 ~ +200 °C  
**II-双向压密封硬密封阀座结构:**  
备注：该阀座结构可满足DIB功能  
适用温度范围：-46~200°C



3.4	O Ring O形圈	FKM
3.3	Seal Ring 密封活塞	ASTM A182 F304
3.2	Fire Ring 防火圈	Graphite
3.1	Spring 预紧弹簧	INCONEL X-750
3.0	Seat 阀座	ASTM A182 F304+Ni55

**Model – III: Single Directional Metal Seated, Dust Proof**

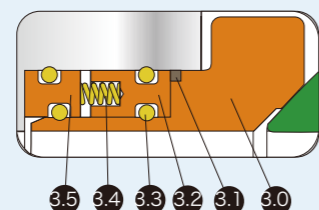
Suitable for DBB function  
Suitable Temperature: -46 ~ +200 °C  
**III-单向压密封防尘硬密封阀座结构:**  
备注：该阀座结构可满足DBB功能  
适用温度范围：-46~200°C



3.4	Seal Ring 密封活塞	ASTM A182 F304
3.3	Spring 预紧弹簧	INCONEL X-750
3.2	O Ring O形圈	FKM
3.1	Fire Ring 防火圈	Graphite
3.0	Seat 阀座	ASTM A182 F304+Ni55

**Model – IV: Bi Directional Metal Seated, Dust Proof**

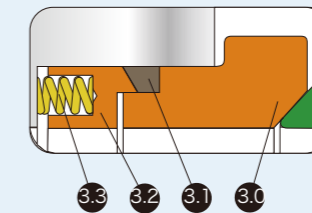
Suitable for DIB function  
Suitable Temperature: -46 ~ +200 °C  
**IV-双向压密封防尘硬密封阀座结构:**  
备注：该阀座结构可满足DIB功能  
适用温度范围：-46~200°C



3.5	Seal Ring 密封活塞	ASTM A182 F304
3.4	Spring 预紧弹簧	INCONEL X-750
3.3	O Ring O形圈	FKM
3.2	Spring Seat 弹簧座	ASTM A182 F304
3.1	Fire Ring 防火圈	Graphite
3.0	Seat 阀座	ASTM A182 F304+Ni55

**Model – V: Single Directional Metal Seated, High Temperature**

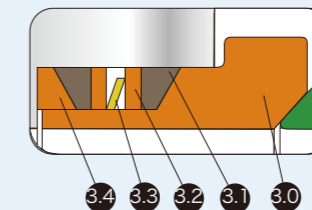
Suitable for DBB function  
Suitable Temperature: -46 ~ +538 °C  
**V-单向压密封高温硬密封阀座结构:**  
备注：该阀座结构可满足DBB功能  
适用温度范围：-46~538°C



3.3	Spring 预紧弹簧	INCONEL X-750
3.2	Spring Seat 弹簧座	ASTM A182 F304
3.1	Seal Ring 密封圈	Graphite
3.0	Seat 阀座	ASTM A182 F304+Ni55

**Model – VI: Single Directional Metal Seated, High Temperature, Dust Proof**

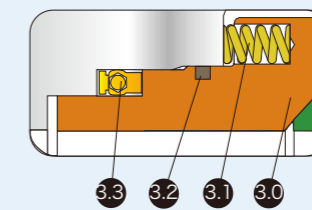
Suitable for DBB function  
Suitable Temperature: -46 ~ +538 °C  
**VI-单向压防尘高温硬密封阀座结构:**  
备注：该阀座结构可满足DBB功能  
适用温度范围：-46~538°C



3.4	Ring 金属环	ASTM A182 F304
3.3	Spring 预紧弹簧	INCONEL X-750
3.2	Spring Seat 弹簧座	ASTM A182 F304
3.1	Seal Ring 密封圈	Graphite
3.0	Seat 阀座	ASTM A182 F304+Ni55

**Model – VII: Single Directional Metal Seated, Low Temperature**

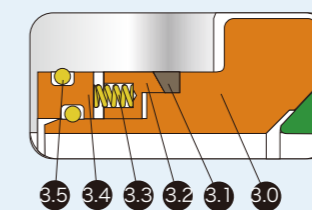
Suitable for DBB function  
Suitable Temperature: -196 ~ -46 °C  
**VII-单向压密封硬密封阀座结构:**  
备注：该阀座结构可满足DBB功能  
适用温度范围：-198~-46°C



3.3	Lip Seal 唇形圈	SS316L +PCTFE
3.2	Fire Ring 防火圈	Graphite
3.1	Spring 预紧弹簧	INCONEL X-750
3.0	Seat 阀座	ASTM A182 F304

**Model – VIII: Single Directional Metal Seated, Dust Proof**

Suitable for DBB function  
Suitable Temperature: -46 ~ +200 °C  
**VIII-单向压密封防尘硬密封阀座结构:**  
备注：该阀座结构可满足DBB功能  
适用温度范围：-46~200°C



3.5	O Ring O形圈	FKM
3.4	Seal Ring 密封活塞	ASTM A182 F304
3.3	Spring 预紧弹簧	INCONEL X-750
3.2	Spring Seat 弹簧座	ASTM A182 F304
3.1	Seal Ring 密封圈	Graphite
3.0	Seat 阀座	ASTM A182 F304+Ni55