



JDV
CONTROL
VALVES

JPB Series

PFA Lined Ball Valve

内衬PFA球阀





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Full-Bore Two-Piece Floating Ball Flanged Type

全通径两片式浮动式法兰球阀

JIS 10K ANSI 150LB DIN PN16



JPB series ball valve is designed for using in the corrosive fluids. PFA lined on the bore and covered on ball, and stem provides the excellent resistance to chemical fluids.

JPB系列球阀适用于腐蚀性流体介质, 阀腔和阀流道内衬PFA, 阀球和阀轴包裹PFA, 因此具有极佳的抗化学流体腐蚀的能力。

Product Features

产品特性

1. 内衬PFA, 抗腐蚀能力强
2. 气泡级双向密封: 阀球和阀座经过精密加工, 保证阀门零泄漏
3. 全通径能够提供和管道相同的CV值
4. 两片式金属配对阀体: 性能(扭力和紧密性)不受管道安装时的轴向和侧向力影响
5. 防静电: 阀球中轴和外壳电势相同, 避免静电在阀球上的累计

Application 应用场合

Corrosive fluids

腐蚀性流体

Applicable Standards: 适用标准:

- Size(公称直径): 1/2"-4"(DN15-DN100)
- Temperature Range(温度范围): -30°C~150°C
- Pressure Rating(压力等级): JIS 10K & ANSI 150LB & DIN PN16
- Face-To-Face Dimensions(法兰面间间距): JIS B2002 & ANSI B16.10 & DIN 3202/T1/F1
(Size DN 15 & DN 20 To DIN EN 558-1)
- Flanged Dimensions(法兰尺寸): JIS B2238 & ANSI B16.5&DIN PN16
- Pressure Test Rating(压力测试标准): JIS B2003 & ANSI B16.34
- Casting(铸造标准): MSS-SP-25 MSS-SP-55

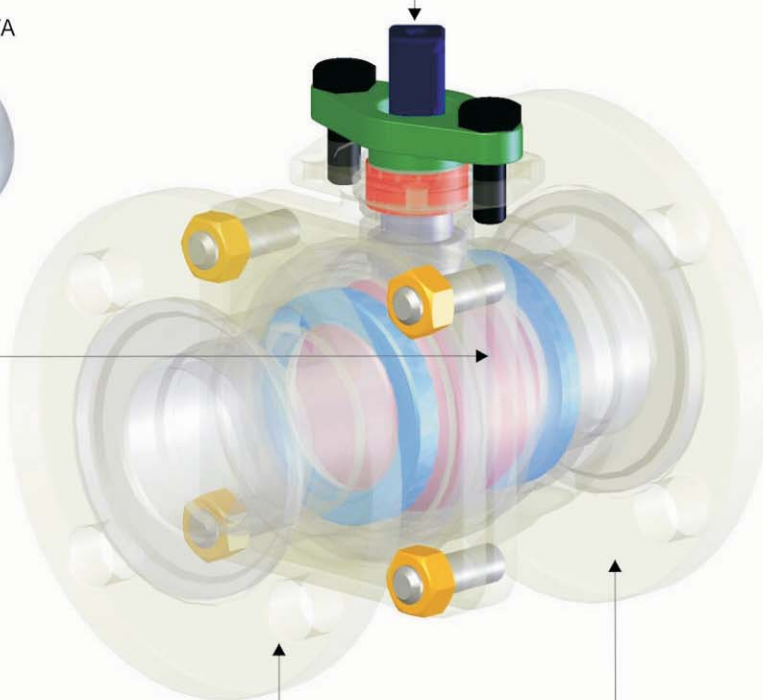
Design & Structures

设计&结构

Ball : SUS304+PFA



Stem :
SUS304+PFA

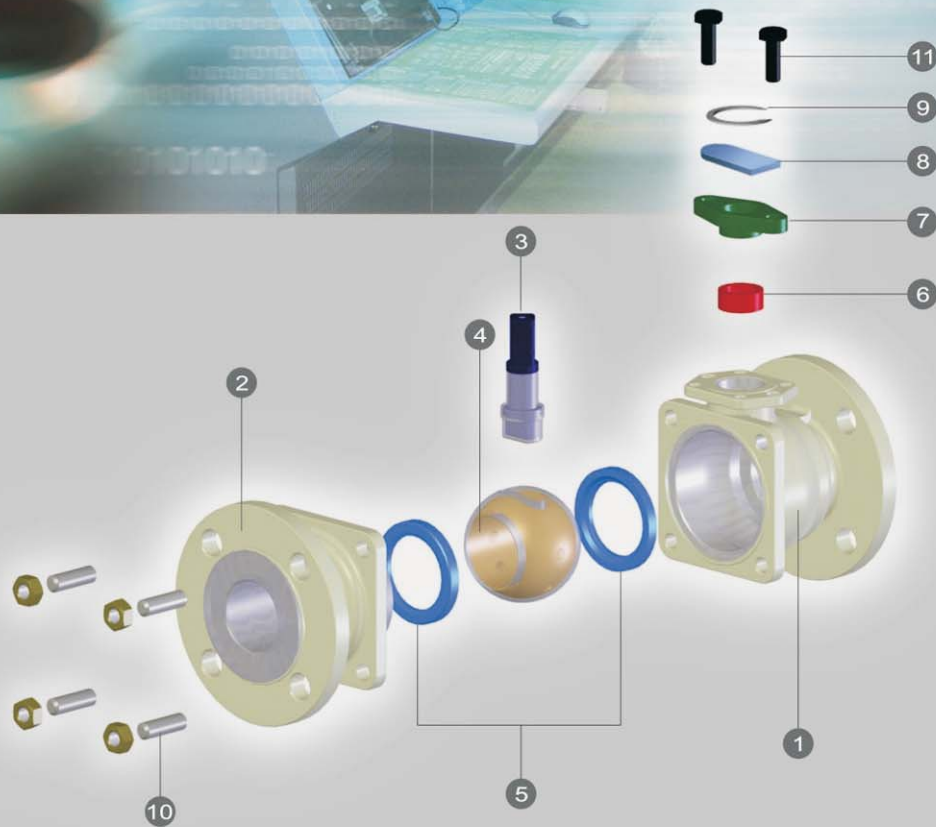


Body & Cap : CF8+PFA





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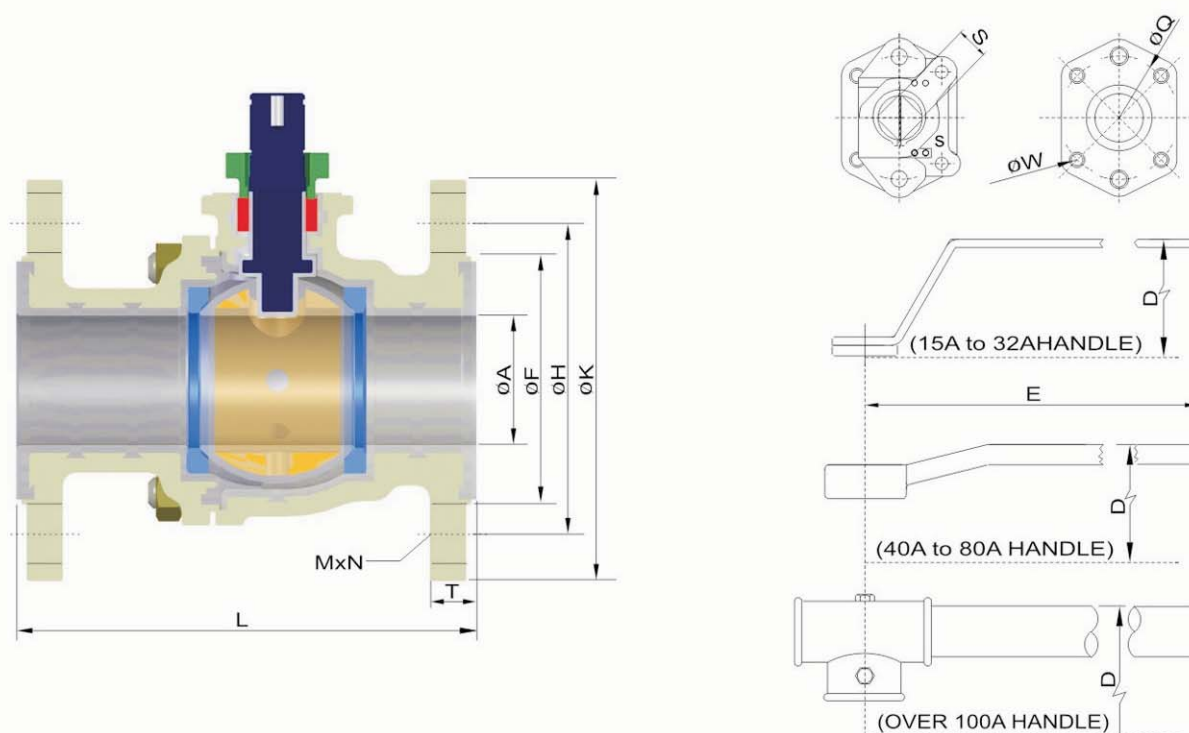


Technical Specification

MATERIAL 材质表

NO	JIS 10K	JPB-A1-03
	ANSI 150 LB	JPB-C1-03
	DIN PN 16	JPB-D2-03
1	BODY 阀体	CF8+PFA
2	CAP 阀盖	CF8+PFA
3	STEM 阀杆	SUS304+PFA
4	BALL 阀球	SUS304+PFA
5	SEAT 阀座	PTFE
6	PACKING 填料	PTFE
7	GLAND 压盖	SUS304
8	TRAVEL STOP	SUS304
9	SNAP CATCH	SUS304
10	BOLT&NUT	SUS304
11	GLAND BOLT	SUS304
12	HANDLE 手柄	SUS304

Above materials may vary with different using conditions.
以上阀门部件的材质在不同的使用条件下会做调整



DIMENSION (JPB-A1 SERIES JIS 10K)

(M.M.)

SIZE	A	D	S	E	L	K	T	H	F	M	N	Q	W	KGS
15 1/2"	20	94	10	145	150*	95	16	70	51	15	4	42	M5	3.5
20 3/4"	20	96	10	145	150*	100	16	75	56	15	4	42	M5	3.8
25 1"	25	112	12	155	127	125	14	90	67	19	4	50	M6	5
40 1-1/2"	38	118	17	219	165	140	16	105	81	19	4	70	M8	8
50 2"	50	126	17	219	178	155	16	120	96	19	4	70	M8	11
65 2-1/2"	65	152	20	324	190	175	18	140	116	19	4	70	M8	21
80 3"	76	161	20	324	203	185	18	150	126	19	8	70	M8	25
100 4"	100	214	27	400	229	210	18	175	151	19	8	102	M10	35

DIMENSION (JPB-C1 SERIES ANSI-150LB)

(M.M.)

SIZE	A	D	S	E	L	K	T	H	F	M	N	Q	W	KGS
15 1/2"	20	94	10	145	150*	89	16	60.5	40	16	4	42	M5	3.5
20 3/4"	20	96	10	145	150*	98	16	70	50	16	4	42	M5	3.8
25 1"	25	112	12	155	127	108	14.3	79.5	55	16	4	50	M6	5
40 1-1/2"	38	118	17	219	165	127	17.5	98.5	77	16	4	70	M8	8
50 2"	50	126	17	219	178	152	19.1	120.5	96	19	4	70	M8	11
65 2-1/2"	65	152	20	324	190	178	22.3	139.5	115	19	4	70	M8	21
80 3"	76	161	20	324	203	190	23.9	152.5	127	19	4	70	M8	25
100 4"	100	214	27	400	229	229	23.9	190.5	166	19	8	102	M10	35

DIMENSION (JPB-D2 SERIES DIN PN16)

(M.M.)

SIZE	A	D	S	E	L	K	T	H	F	M	N	Q	W	KGS
15 1/2"	20	94	10	145	150*	95	16	65	45	14	4	42	M5	3.5
20 3/4"	20	96	10	145	150*	105	16	75	58	14	4	42	M5	3.8
25 1"	25	112	12	155	160	115	16	85	68	14	4	50	M6	5
40 1-1/2"	38	118	17	219	200	150	18	110	88	18	4	70	M8	8
50 2"	50	126	17	219	230	165	20	125	102	18	4	70	M8	11
65 2-1/2"	65	152	20	324	290	185	20	145	122	18	8	70	M8	21
80 3"	76	161	20	324	310	200	20	160	138	18	8	70	M8	25
100 4"	100	214	27	400	350	220	22	180	158	18	8	102	M10	35

※ P.S. Size DN15/DN20 Face To Face Dimension To DIN EN 558-1.



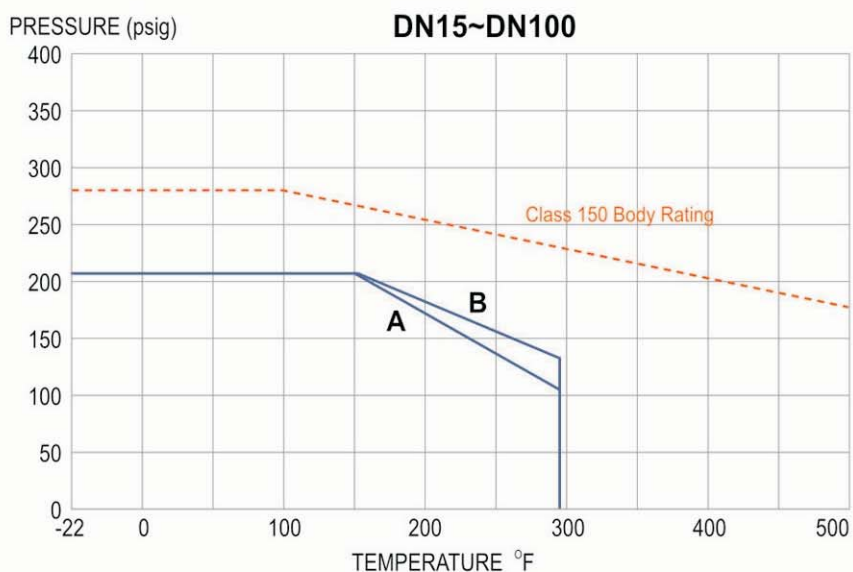
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Cv VALUE

SIZE(MM)	15A	20A	25A	40A	50A	65A	80A	100A
Cv	30	30	60	205	360	580	900	1550

TEMPERATURE & PRESSURE CURVE PFA LINED BALL VALVE TYPE

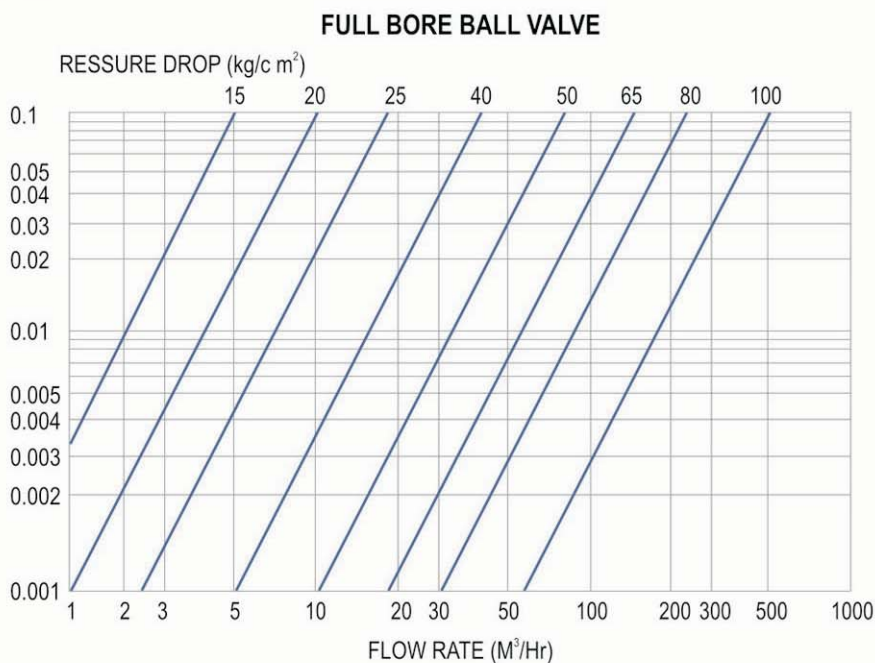
PFA内衬球阀的温度&压力曲线



A = DN15~DN50
B = DN65~DN100

PRESSURE DROP vs FLOW RATE

压降&流量



JPB Series

Satisfaction smile curve



ISO 9001

CE

QUALITY Specialty service
ate security

HOW TO ORDER

JPB → **A** → **B** → **C** **D** → **E** → **F**

Ex: **JPB** → **A1** → **03** → **P** **P** → **050** → **H**

A. SPECIFICATION	B. BODY MAT'L	C. BALL & STEM MAT'L	D. SEAT MAT'L
A1 JIS 10K	03 CF8+PFA	A CF8+PFA&304+PFA	P PTFE
C1 ANSI 150LB	04 CF8M+PFA	C CF8M+PFA&316+PFA	
D2 DIN PN16	05 CF3+PFA	D CF3+PFA&304L+PFA	
	06 CF3M+PFA	E CF3M+PFA&316L+PFA	

E. SIZE	F. OPTION
015 1/2"	H LEVER
020 3/4"	G GEAR BOX
025 1"	
040 1-1/2"	
050 2"	
065 2-1/2"	
080 3"	
100 4"	

HOW TO ORDER