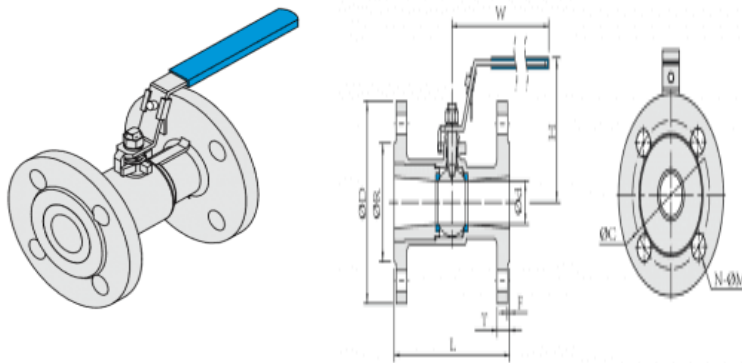

1-PC BALL VALVE FLANGE END FULL PORT



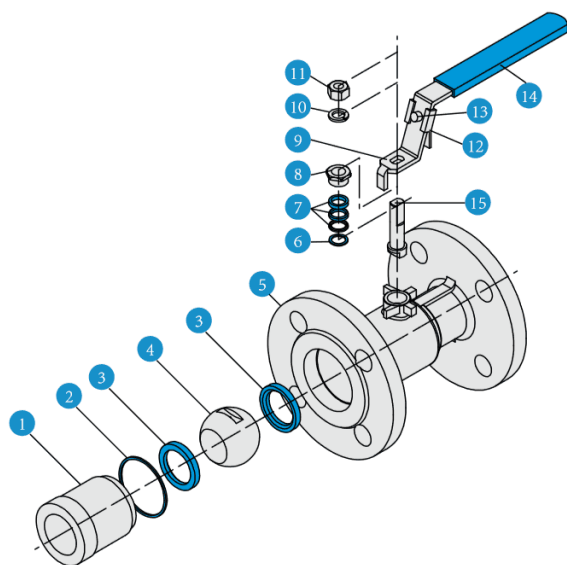
Products in Triround covers high, middle, low pressure valves with manual and pneumatic actuators, including flanged end ball valve, gate valve, globe valve, Y-strainer, check valve, silk buckled ball valve, quick coupler, sanitary valves and etc. We adopt standards like ANSI, API, JIS, BS, DIN, GB, HG and so on. They are widely applied in industries like petroleum, chemicals, nature gas, light industry, power supply, pharmacy, metallurgy, water supply, and etc.

Types : TR-104

PRODUCTS STANDARD

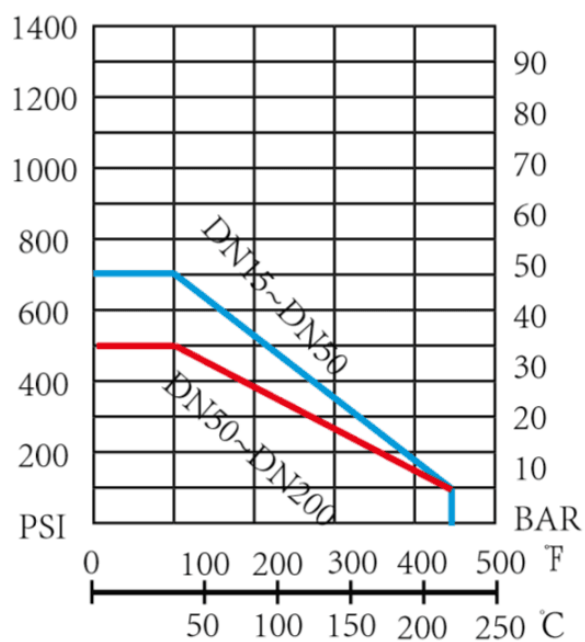
- Blow-Out Proof Stem 防脱出阀杆
- Investment Casting Body 精密铸造阀体
- Reduce Port 缩径设计
- Face to Face:ANSI B16.10/JIS B2002/DINPN16-40
- Fire-Safe Design Available Acc:API607 防火设计
- Design Acc:ASME B16.34 设计标准 : ASME B16.34
- Flange Standard:ASME 16.5/JIS B2220/DIN 2633
- Inspection & Testing Acc:API598 检测标准 : API598

PART DRAWING



ITEM NO	PART NAME	MATERIAL		
1	Nut 螺母	SS304		
2	Stud 螺栓	SS304		
3	Cap 阀盖	CF8M	CF8	WCB
4	Body Gasket 垫圈	PTFE	R-PTFE	
5	Ball Seat 阀座	PTFE	R-PTFE	
6	Ball 球	SS316	SS304	
7	Body 阀体	CF8M	CF8	WCB
8	Thrust Washer 垫圈	PTFE		
9	O-Ring O 型圈	PTFE		
10	V-Ring Packing V 型密封	SS316	SS04	
11	Gland 格兰	SS304		
12	Beleville Washer 蝶簧	SS304		
13	Stop Nut 锁紧螺母	SS304		
14	Stop Washer 锁紧垫圈	SS304		
15	Stem Nut 阀杆螺母	CF8		
16	Locking Device 锁片	SS301		
17	Locking Pin 定位插销	Plastic		
18	Handle Cover 手柄皮套	Plastic		
19	Stem 阀杆	SS316	SS304	
20	Anti-Static Device 防静电	SS301		
21	Bolt 定位螺栓	SS304		

Pressure-Temperature Rating DN15~DN200



Specification for different International Standards

ANSI 150# unit:mm											
SIZE	φ d	L	H1	W	φ R	φ C	φ D	N- φ M	T	F	TORQUE N.M
1/2"	15	108	49	110	35	60.5	89	4-16	11.2	1.6	7
3/4"	20	117	54	110	43	70	98	4-16	11.2	1.6	9
1"	25	127	64	160	51	79.5	108	4-16	12.0	1.6	11
1-1/4"	32	140	71	160	64	89	117	4-16	12.7	1.6	18
1-1/2"	38	165	75	185	73	98.5	127	4-16	14.3	1.6	23
2"	50	178	85	185	92	120.5	152	4-19	15.9	1.6	28
2-1/2"	65	190	100	250	105	139.5	178	4-19	17.5	1.6	55
3"	78	203	110	250	127	152.5	190.5	4-19	19.1	1.6	90
4"	100	229	130	310	157	190.5	229	8-19	23.9	1.6	120
5"	125	356	165	500	186	216	254	8-22	23.9	1.6	268
6"	150	394	172	645	216	241.5	279	8-22	25.4	1.6	335
8"	200	457	213	845	270	298.5	343	8-22	28.6	1.6	650

JIS 10K unit:mm											
SIZE	φ d	L	H	W	φ R	φ C	φ D	N- φ M	T	F	TORQUE N.M
1/2"	15	110	76	110	51	70	95	4-15	12	1	7
3/4"	20	120	80	110	56	75	100	4-15	14	1	9
1"	25	130	92	160	67	90	125	4-19	14	1	11
1-1/4"	32	140	102	160	76	100	135	4-19	16	2	18
1-1/2"	38	165	112	185	81	105	140	4-19	16	2	23
2"	50	180	122	185	96	120	155	4-19	16	2	28
2-1/2"	65	190	168	250	116	140	175	4-19	18	2	55
3"	78	200	178	250	126	150	185	8-19	18	2	90
4"	100	230	198	310	151	175	210	8-19	18	2	120
5"	125	300	235	500	182	210	250	8-23	20	2	268
6"	150	340	288	645	212	240	280	8-23	22	2	335
8"	200	450	325	845	262	290	330	8-23	22	2	650

DIN PN16 unit:mm											
SIZE	φ d	L	H	W	φ R	φ C	φ D	N- φ M	T	F	TORQUE N.M
1/2"	15	115	76	110	45	65	95	4-14	14	2	7
3/4"	20	120	80	110	58	75	105	4-14	16	2	9
1"	25	125	92	160	68	85	115	4-14	16	2	11
1-1/4"	32	130	102	160	78	100	140	4-18	16	2	18
1-1/2"	38	140	112	185	88	110	150	4-18	16	3	23
2"	50	150	122	185	102	125	165	4-18	18	3	28
2-1/2"	65	170	168	250	122	145	185	4-18	18	3	55
3"	78	180	178	250	138	160	200	8-18	20	3	90
4"	100	190	198	310	158	180	220	8-18	20	3	120
5"	125	325	235	500	188	210	250	8-18	22	3	268
6"	150	350	288	645	212	240	285	8-22	22	3	335
8"	200	400	325	845	268	295	340	12-22	24	3	650

Chemical Compositions :

元素, % (除给出范围外, 其 余均为最大含量)	CF3 CF3A J92700	CF8 CF8A J92600	CF3M CF3MA J92800	CF8M J92900	CF3MN J92804	CF8C J92710	CF10 J92950	CF10M J92901	CH8 J93400	CH10 J93401	CH20 J93402	CK20 J94202	HK30 J94203	HK40 J94204
碳 (C)	0.03	0.08	0.03	0.08	0.03	0.08	0.04 - 0.10	0.04 - 0.10	0.08	0.04 - 0.10	0.04 - 0.20	0.04 - 0.20	0.25 - 0.35	0.35 - 0.45
锰 (Mn)	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
硅 (Si)	2.00	2.00	1.50	1.50	1.50	2.00	2.00	1.50	1.50	2.00	2.00	1.75	1.75	1.75
硫 (S)	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040
磷 (P)	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040
铬 (Cr)	17.0 - 21.0	18.0 - 21.0	17.0 - 21.0	18.0 - 21.0	17.0 - 21.0	18.0 - 21.0	18.0 - 21.0	18.0 - 21.0	22.0 - 26.0	22.0 - 26.0	22.0 - 26.0	23.0 - 27.0	23.0 - 27.0	23.0 - 27.0
镍 (Ni)	8.0 - 12.0	8.0 - 11.0	9.0 - 13.0	9.0 - 12.0	9.0 - 13.0	9.0 - 12.0	8.0 - 11.0	9.0 - 12.0	12.0 - 15.0	12.0 - 15.0	12.0 - 15.0	19.0 - 22.0	19.0 - 22.0	19.0 - 22.0
钼 (Mo)	0.50	0.50	2.0 - 3.0	2.0 - 3.0	2.0 - 3.0	0.50	0.50	2.0 - 3.0	0.50	0.50	0.50	0.50	0.50	0.50

Tensile Requirements:

	CF3 J92700	CF3A J92700	CF8 J92600	CF8A J92600	CF3M J92800	CF3MA J92800	CF8M J92900	CF3MN J92804	CF8C J92710	CF10 J92950	CF10M J92901	CH8 J93400	CH10 J93401	CH20 J93402	CK20 J94202	HK30 J94203	HK40 J94204
抗拉强度, 最小 千磅/英寸 ² (MPa)	70 (485)	77 (530)	70 (485)	77 (530)	70 (485)	80 (550)	70 (485)	75 (515)	70 (485)	70 (485)	70 (485)	65 (450)	70 (485)	70 (485)	65 (450)	65 (450)	62 (425)
屈服强度 ^A , 最小 千磅/英寸 ² (MPa)	30 (205)	35 (240)	30 (205)	35 (240)	30 (205)	37 (255)	30 (205)	37 (255)	30 (205)	30 (205)	30 (205)	28 (195)	30 (205)	30 (205)	28 (195)	35 (240)	35 (240)
延伸率, 2 英寸或 50mm ^B 标距 ^B 最小, %	35.0	35.0	35.0	35.0	30.0	30.0	30.0	35.0	30.0	35.0	30.0	30.0	30.0	30.0	30.0	10.0	10.0

HEAT TREATMENT-REQUIREMENTS:

钢牌号	最低温度	
	°F	°C
HK30, HK40, HT30, CT15C	铸造状态供货	铸造状态供货
CF3, CF3A, CF8, CF8A, CF3M CF3MA, CF8M, CF3MN, CG3M, CF10 CF10M, CG8M	1900	1040
CF10SMnN, CF8C, CF10MC	1950	1065
CN7M, CG6MMN, CE8MN	2050	1120
CK3MCuN, CN3MN, CH8, CH10, CH20, CK20	2100	1150
CE20N ^A	2225	1220

Here is one of workshops.



Here is one of workshops.



Chemical Composition Testing:



Packing:



For more informations , Please contact with us.

Product link : <https://www.triround-inox.com/1-pc-ball-valve-flange-end-full-port.html>