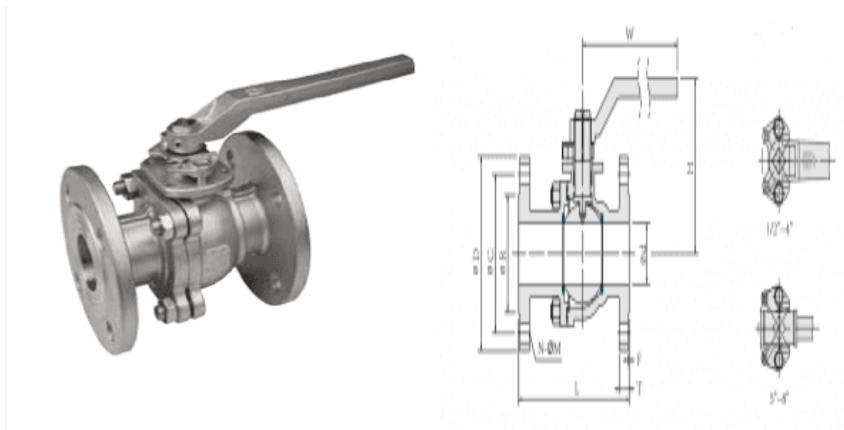

2-PC BALL VALVE FLANGE END FULL PORT ISO MOUNTING PAD



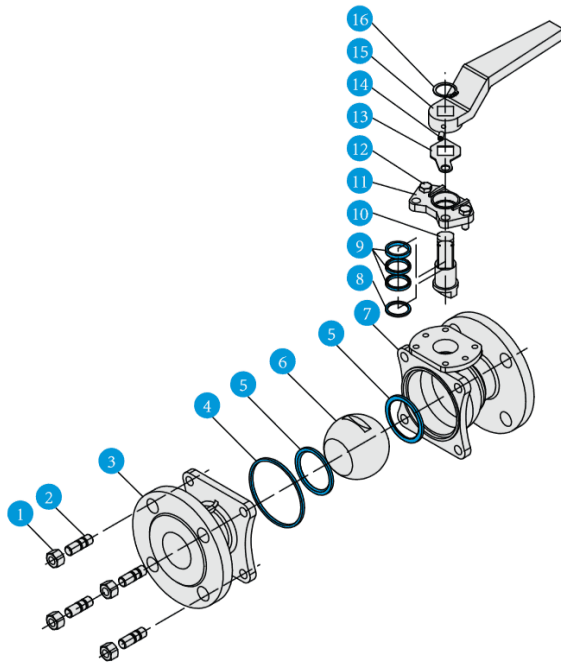
Products in Triround covers high, middle, low pressure valves with manual and pneumatic actuators, including flanged end ball valve, gate valve, globe valve, Y-strainer, check valve, silk buckled ball valve, quick coupler, sanitary valves and etc. We adopt standards like ANSI, API, JIS, BS, DIN, GB, 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-205

PRODUCTS STANDARD

- Blow-Out Proof Stem 防脱出阀杆
- Investment Casting Body 精密铸造阀体
- Full Port 全通径设计
- Face to Face:ANSI B16.10/JIS B2002/DINPN16-40
- Casting Handle 铸造手柄
- 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	Stem Packing 填料密封	PTFE		
10	Stem 阀杆	SS316	SS04	
11	Stop Cap 压盖	SS304		
12	Bolt 螺栓	SS304		
13	Locking Pin 定位片	SS304		
14	Stop Nut 锁紧螺母	SS304		
15	Handle 手柄	CF8		
16	Stop Washer 定位圈	SS301		

Data lists:

ANSI 150# 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	108	77.5	148	35	60.5	89	4-16	11.2	1.6	7
3/4"	20	117	79	148	43	70	98	4-16	11.2	1.6	9
1"	25	127	88	148	51	79.5	108	4-16	12.0	1.6	11
1-1/4"	32	140	100	170	64	89	117	4-16	12.7	1.6	18
1-1/2"	38	165	122	230	73	98.5	127	4-16	14.3	1.6	23
2"	50	178	130	230	92	120.5	152	4-19	15.9	1.6	28
2-1/2"	65	190	148	230	105	139.5	178	4-19	17.5	1.6	55
3"	78	203	167	310	127	152.5	190.5	4-19	19.1	1.6	90
4"	100	229	188	310	157	190.5	229	8-19	23.9	1.6	120
5"	125	356	238	500	186	216	254	8-22	23.9	1.6	268
6"	150	394	278.5	645	216	241.5	279	8-22	25.4	1.6	335
8"	200	457	340	845	270	298.5	343	8-22	28.6	1.6	650

ANSI 300# 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	140	80	148	35	66.5	95	4-16	14.3	1.6	7
3/4"	20	152	85	148	43	82.5	117	4-19	15.9	1.6	9
1"	25	165	98	170	51	89	124	4-19	17.5	1.6	11
1-1/4"	32	178	115	170	64	98.5	133	4-19	19.1	1.6	18
1-1/2"	38	190	135	230	73	114.5	156	4-22	20.7	1.6	23
2"	50	216	140	230	92	127	165	8-19	22.3	1.6	28
2-1/2"	65	241	152	310	105	149	190	8-22	25.4	1.6	55
3"	78	283	172	310	127	168	210	8-22	28.6	1.6	90
4"	100	305	195	400	157	200	254	8-22	31.8	1.6	120
5"	125	381	250	550	186	235	279	8-22	35	1.6	268
6"	150	403	285	750	216	270	318	12-22	36.6	1.6	335
8"	200	502	350	900	270	330	381	12-25	41.3	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	77.5	148	51	70	95	4-15	12	1	7
3/4"	20	120	79	148	56	75	100	4-15	14	1	9
1"	25	130	88	148	67	90	125	4-19	14	1	11
1-1/4"	32	140	100	170	76	100	135	4-19	16	2	18
1-1/2"	38	165	122	230	81	105	140	4-19	16	2	23
2"	50	180	130	230	96	120	155	4-19	16	2	28
2-1/2"	65	190	148	230	116	140	175	4-19	18	2	55
3"	78	200	167	310	126	150	185	8-19	18	2	90
4"	100	230	188	310	151	175	210	8-19	18	2	120
5"	125	300	238	500	182	210	250	8-23	20	2	268
6"	150	340	278.5	645	212	240	280	8-23	22	2	335
8"	200	450	340	845	262	290	330	8-23	22	2	650

JIS 20K 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	140	80	148	51	70	95	4-15	14	1	7
3/4"	20	152	85	148	56	75	100	4-15	16	1	9
1"	25	165	98	170	67	90	125	4-19	16	1	11
1-1/4"	32	178	115	170	76	100	135	4-19	18	2	18
1-1/2"	38	190	135	230	81	105	140	4-19	18	2	23
2"	50	216	140	230	96	120	155	8-19	18	2	28
2-1/2"	65	241	152	310	116	140	175	8-19	20	2	55
3"	78	283	172	310	132	160	200	8-23	22	2	90
4"	100	305	195	400	160	185	225	8-23	24	2	120
5"	125	381	250	550	195	225	270	8-25	26	2	268
6"	150	403	285	750	230	260	305	12-25	28	2	335
8"	200	502	350	900	275	305	350	12-25	30	2	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 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.



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Chemical Composition Testing:



Packing:



For more informations , please contact with us.

Product

link : <https://www.triround-inox.com/2-pc-ball-valve-flange-end-full-port-iso-mounting-pad.html>