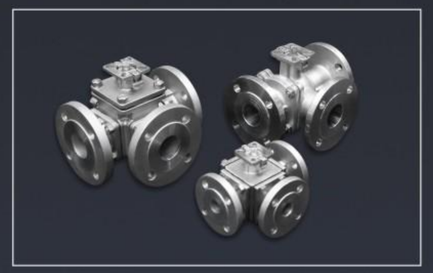
FLANGED BALL VALVE SERIES
法兰球阀系列

球阀和闸阀是同属一个类型的阀门，区别在它的关闭件是个球体，球体绕阀体心线作旋转来达到开启、关闭的一种阀门。 球阀在管路中主要用来做切断、分配和改变介质的流动方向。

Ball valve and gate valve are the same type of valve, the difference is that its closing part is a sphere, and the sphere rotates around the center line of the valve body to achieve opening and closing. Ball valves are mainly used to cut off, distribute and change the flow direction of the medium in the pipeline.









国标化工部高平台球阀
National Standard Chemical Industry DepartmentHigh Platform Ball Valve

Q41F-16P

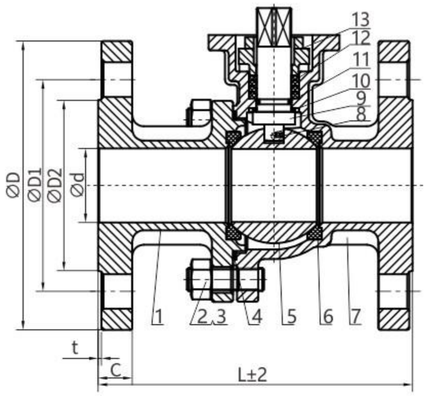
技术要求
1.阀门的设计与制造按GB/T 12237的规定。
2.阀门的结构长度按GB/T 12221的规定。
3.阀门的连接法兰按HG/T 20592的规定。
4.阀门的检验与试验按GB/T 26480的规定。

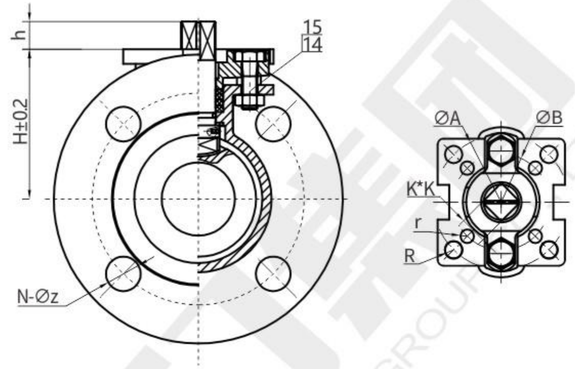
Technical requirements
1. The design and manufacture of the valve are in accordance with the provisions of GB/T 12237.
2. The structural length of the valve is in accordance with the provisions of GB/T 12221.
3. The connecting flange of the valve is in accordance with the regulations of HG/T 20592.
4. The inspection and test of the valve shall be in accordance with the provisions of GB/T 26480.

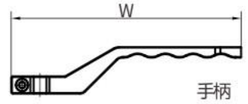
性能规范
Performance Specifications

公称压力 Nominal pressure			PN16				
公称通径 Nominal diameter			DN15-200				
试验压力 Test pressure	强度试验 Strength test	2.4	Mpa	试验介质 Test medium	水 Water	试验温度 Test temperature	常温 Normal Temperature
	高压密封试验 High pressure sealing test	1.8					
	低压密封试验 Low pressure sealing test	0.6			空气 Air		
适用介质 Applicable media			水 油品等 water oil etc				
最高工作温度 Maximum operating temperature			-29~120℃				

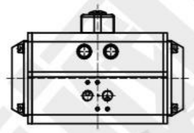
序号 Number	代号 Code	名称 Name	数量 Quantity	材料 Material	重量 Weight 单件 single piece	重量 Weight 总计 total	备注 Remark
1	Q41F-16P-01	阀盖 cap		A351 CF8/CF8M			
2	GB/T901-1988	双头螺栓 Stud		SS304			标准件 Standard parts
3	GB/T6170-2000	螺母 nut		SS304			标准件 Standard parts
4	Q41F-16P-02	密封线 sealing line		PTFE			
5	Q41F-16P-13	球体 sphere		SS304/SS316			
6	Q41F-16P-04	密封圈 sealing ring		PTFE			
7	Q41F-16P-05	阀体 valve body		A351 CF8/CF8M			
8	Q41F-16P-23	防静电弹簧钢珠 Anti-static spring steel ball		SS304/SS316			
9	Q41F-16P-03	阀杆 stem		SS304/SS316			
10	Q41F-16P-07	减磨垫 Anti-wear pads		PTEF			
11	GB/T3452	O型圈 O-ring		NBR/VITON			
12	Q41F-16P-15	填料 filler		PTFE			
13	Q41F-16P-11	压盖 gland		A351 CF8			
14	GB/T5780-2000	六角头螺栓 Hexagon head bolts		SS304			标准件 Standard parts
15	GB/T6170-2000	螺母 nut		SS304			标准件 Standard parts

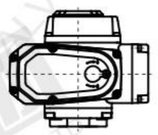






手柄
handle


气动执行器
Pneumatic actuators


电动执行器
Electric Actuator

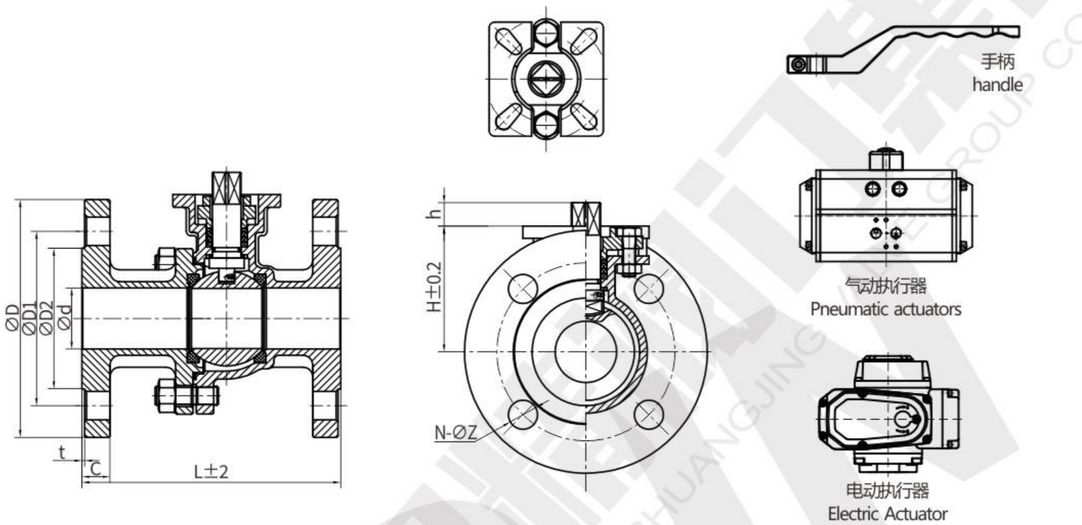
尺寸 Dimensions Unit:mm

SIZE	d	D	D1	D2	C	t	L	H	W	A	B	R	r	K*K	h	N–φz
1/2"	15	95	65	45	16	2	130	50	140	50	36	3.5	3	9*9	9	4-φ14
3/4"	20	105	75	58	18	2	130	54	140	50	36	3.5	3	9*9	9	4-φ14
1"	25	115	85	68	18	2	140	61	170	70	50	4.5	3.5	11*11	11	4-φ14
1¼"	32	140	100	78	18	2	165	74	170	70	50	4.5	3.5	11*11	11	4-φ18
1½"	40	150	110	88	18	3	165	78	200	70	50	4.5	3.5	14*14	14	4-φ18
2"	50	165	125	102	20	3	203	82	200	70	50	4.5	3.5	14*14	14	4-φ18
2½"	65	185	145	122	18	3	222	112	300	102	70	5.5	4.5	17*17	17	8-φ18
3"	80	200	160	138	20	3	241	120	300	102	70	5.5	4.5	17*17	17	8-φ18
4"	100	220	180	158	20	3	305	144	300	102	70	5.5	4.5	17*17	17	8-φ18
5"	125	250	210	188	22	3	356	178	650	125	102	7	6	22	23	8-φ18
6"	150	285	240	212	22	3	394	195	800	125	102	7	6	27	28	8-φ22
8"	200	340	295	268	24	3	457	253	800	140	125	9	7	27	28	12-φ22

国标机械部 高平台球阀
National Standard Machinery Department
High Platform Ball Valve
Q41F-16P

技术要求
1.阀门的设计与制造按GB/T 12237的规定。
2.阀门的结构长度按GB/T 12221的规定。
3.阀门的连接法兰按GB/T 79的规定。
4.阀门的检验与试验按GB/T 26480的规定。

Technical requirements
1. The design and manufacture of the valve are in accordance with the provisions of GB/T 12237.
2. The structural length of the valve is in accordance with the provisions of GB/T 12221.
3. The connecting flange of the valve shall be in accordance with the provisions of GB/T 79.
4. The inspection and test of the valve shall be in accordance with the provisions of GB/T 26480.



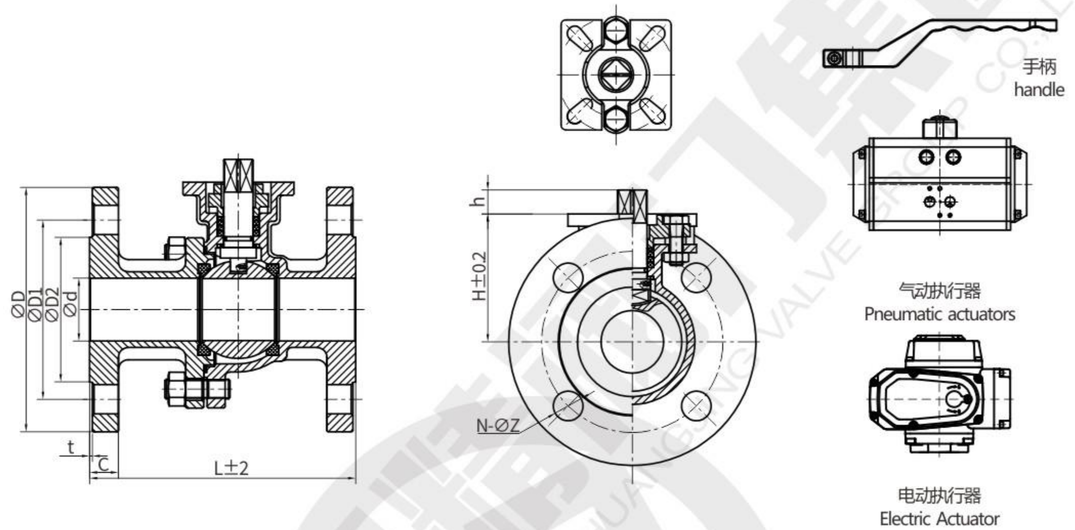
尺寸 Dimensions Unit:mm

SIZE	d	D	D1	D2	C	t	L	H	W	A	B	R	r	K*K	h	N–φz
1/2"	15	95	65	45	14	2	130	51	140	50	36	3.5	3	9*9	9	4-φ14
3/4"	20	105	75	55	14	2	140	56	140	50	36	3.5	3	9*9	9	4-φ14
1"	25	115	85	65	14	2	150	62	170	70	50	4.5	3.5	11*11	11	4-φ14
1¼"	32	135	100	78	16	2	165	72	170	70	50	4.5	3.5	11*11	11	4-φ18
1½"	40	145	110	85	16	3	180	78	200	70	50	4.5	3.5	14*14	14	4-φ18
2"	50	160	125	100	16	3	200	86	200	70	50	4.5	3.5	14*14	14	4-φ18
2½"	65	180	145	120	18	3	220	102	300	102	70	5.5	4.5	17*17	17	4-φ18
3"	80	195	160	135	20	3	250	115	300	102	70	5.5	4.5	17*17	17	8-φ18
4"	100	215	180	155	20	3	280	137	300	102	70	5.5	4.5	17*17	17	8-φ18
5"	125	245	210	188	22	3	320	175	650	125	102	7	6	22	23	8-φ18
6"	150	280	240	212	24	3	360	208	800	125	102	7	6	27	28	8-φ23
8"	200	335	295	268	26	3	400	252	800	140	125	9	7	27	28	12-φ23

美标管法兰 高平台球阀
American Standard Pipe Flange
High Platform Ball Valve
Q41F-150LB

技术要求
1.阀门的设计与制造按ANSI B16.34的规定。
2.阀门的结构长度按ASME B16.10的规定。
3.阀门的连接法兰按ASME B16.5的规定。
4.阀门的检验与试验按API598的规定。

Technical requirements
1. The design and manufacture of the valve are in accordance with the provisions of ANSI B16.34.
2. The structural length of the valve is in accordance with the regulations of ASME B16.10.
3. The connecting flange of the valve shall comply with the regulations of ASME B16.5.
4. The inspection and test of the valve shall be in accordance with the provisions of API598.



尺寸 Dimensions Unit:mm

SIZE	d	D	D1	D2	C	t	L	H	W	A	B	R	r	K*K	h	N–φz
1/2"	15	90	60.5	35	10	2	108	51	140	50	36	3.5	3	9*9	9	4-φ16
3/4"	20	100	70	43	11	2	117	56	140	50	36	3.5	3	9*9	9	4-φ16
1"	25	110	79.5	51	12	2	127	62	170	70	50	4.5	3.5	11*11	11	4-φ16
1¼"	32	115	89	63.5	13	2	140	72	170	70	50	4.5	3.5	11*11	11	4-φ16
1½"	40	125	98.5	73	15	2	165	78	200	70	50	4.5	3.5	14*14	14	4-φ16
2"	50	150	120.5	92	17	2	178	86	200	70	50	4.5	3.5	14*14	14	4-φ19
2½"	65	180	140	105	18	2	190	102	300	102	70	5.5	4.5	17*17	17	4-φ19
3"	80	190	152.5	127	20	2	203	115	300	102	70	5.5	4.5	17*17	17	4-φ19
4"	100	230	190.5	157	24	2	229	137	300	102	70	5.5	4.5	17*17	17	8-φ19
5"	125	255	216	186	24	2	356	175	650	125	102	7	6	22	23	8-φ22
6"	150	280	241.5	216	26	2	394	208	800	125	102	7	6	27	28	8-φ22
8"	200	345	298.5	267	29	2	457	252	800	140	125	9	7	27	28	8-φ22

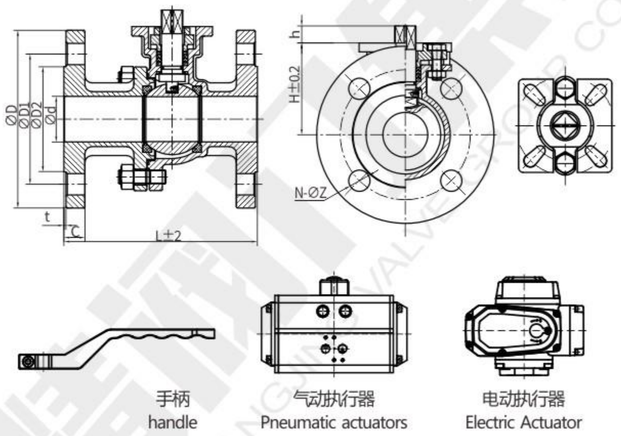
美标(标准法兰)
高平台球阀
American standard (standard flange)
High platform ball valve
Q41F-150LB

技术要求
1.阀门的设计与制造按ANSI B16.34的规定。
2.阀门的结构长度按ASME B16.10的规定。
3.阀门的连接法兰按ASME B16.5的规定。
4.阀门的检验与试验按API598的规定。

Technical requirements
1. The design and manufacture of the valve are in accordance with the provisions of ANSI B16.34.
2. The structural length of the valve is in accordance with the regulations of ASME B16.10.
3. The connecting flange of the valve shall comply with the regulations of ASME B16.5.
4. The inspection and test of the valve shall be in accordance with the provisions of API598.

性能规范
Performance Specifications

公称压力 Nominal pressure			150LB				
公称通径 Nominal diameter			1/2"-8"				
试验压力 Test pressure	强度试验 Strength test	3.0	Mpa	试验介质 Test medium	水 Water	试验温度 Test temperature	常温 Normal Temperature
	密封试验 Seal test	2.2					
	气密封试验 Air tightness test	0.6			空气 Air		
适用介质 Applicable media	水、油品等 water oil etc						
最高工作温度 Maximum operating temperature	-29~120℃						



尺寸 Dimensions Unit:mm

SIZE	d	D	D1	D2	C	t	L	H	W	A	B	R	r	K*K	h	N–ϕz
1/2"	15	90	60.5	35	11.6	2	108	51	140	50	36	3.5	3	9*9	9	4-ϕ16
3/4"	20	100	70	43	13.2	2	117	56	140	50	36	3.5	3	9*9	9	4-ϕ16
1"	25	110	79.5	51	14.7	2	127	62	170	70	50	4.5	3.5	11*11	11	4-ϕ16
1¼"	32	115	89	63.5	16.3	2	140	72	170	70	50	4.5	3.5	11*11	11	4-ϕ16
1½"	40	125	98.5	73	17.9	2	165	78	200	70	50	4.5	3.5	14*14	14	4-ϕ16
2"	50	150	120.5	92	19.5	2	178	86	200	70	50	4.5	3.5	14*14	14	4-ϕ19
2½"	65	180	140	105	23	2	190	102	300	102	70	5.5	4.5	17*17	17	4-ϕ19
3"	80	190	152.5	127	24.3	2	203	115	300	102	70	5.5	4.5	17*17	17	4-ϕ19
4"	100	230	190.5	157	24.3	2	229	137	300	102	70	5.5	4.5	17*17	17	8-ϕ19
5"	125	255	216	186	24.3	2	356	175	650	125	102	7	6	22	23	8-ϕ22
6"	150	280	241.5	216	26	2	394	208	800	125	102	7	6	27	28	8-ϕ22
8"	200	345	298.5	267	29	2	457	252	800	140	125	9	7	27	28	8-ϕ22

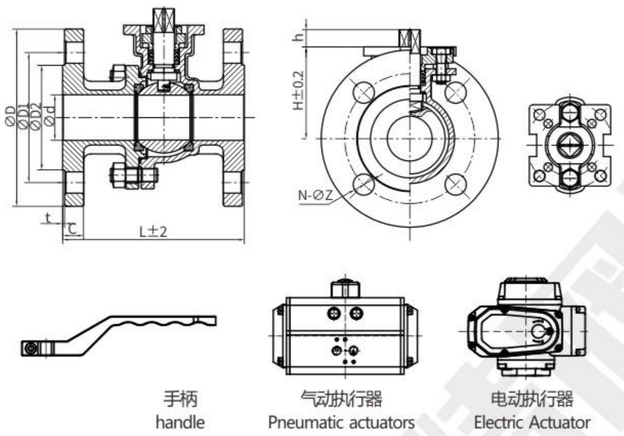
德标法兰球阀
高平台球阀
German standard flanged ball valve
High Platform Ball Valve
Q41F-16P

技术要求
1.阀门的设计与制造按DIN 3357的规定。
2.阀门的结构长度按DIN 3202的规定。
3.阀门的连接法兰按DIN 1092的规定。
4.阀门的检验与试验按EN 1226的规定。

Technical requirements
1. The valve is designed and manufactured according to DIN 3357.
2. The structural length of the valve is in accordance with DIN 3202.
3. The connecting flange of the valve is in accordance with DIN 1092.
4. The inspection and test of the valve shall be in accordance with the provisions of EN 1226.

性能规范
Performance Specifications

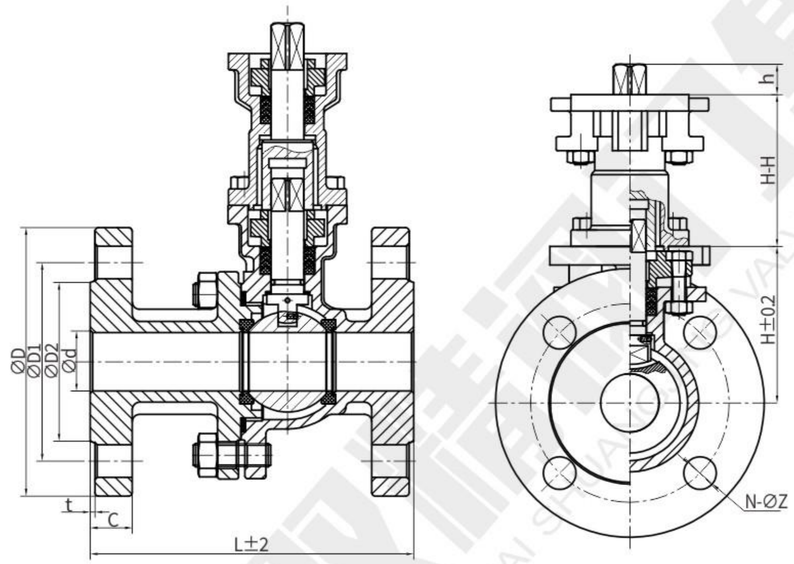
公称压力 Nominal pressure			PN16				
公称通径 Nominal diameter			DN15-200				
试验压力 Test pressure	强度试验 Strength test	2.4	Mpa	试验介质 Test medium	水 Water	试验温度 Test temperature	常温 Normal Temperature
	密封试验 Seal test	1.8					
	气密封试验 Air tightness test	0.6			空气 Air		
适用介质 Applicable media	水、油品等 water oil etc						
最高工作温度 Maximum operating temperature	-29~120℃						



尺寸 Dimensions Unit:mm

SIZE	d	D	D1	D2	C	t	L	H	W	A	B	R	r	K*K	h	N–ϕz
1/2"	15	95	65	45	16	2	115	55	140	50	36	3.5	3	9*9	9	4-ϕ14
3/4"	20	105	75	58	18	2	120	60	140	50	36	3.5	3	9*9	9	4-ϕ14
1"	25	115	85	68	18	2	125	67	170	70	50	4.5	3.5	11*11	11	4-ϕ14
1¼"	32	140	100	78	18	2	130	76	170	70	50	4.5	3.5	11*11	11	4-ϕ18
1½"	40	150	110	88	18	3	140	85	200	70	50	4.5	3.5	14*14	14	4-ϕ18
2"	50	165	125	102	18	3	150	93	200	70	50	4.5	3.5	14*14	14	4-ϕ18
2½"	65	185	145	122	18	3	170	113	300	102	70	5.5	4.5	17*17	17	8-ϕ18
3"	80	200	160	138	20	3	180	126	300	102	70	5.5	4.5	17*17	17	8-ϕ18
4"	100	220	180	158	20	3	190	141	300	102	70	5.5	4.5	17*17	17	8-ϕ18
5"	125	250	210	188	22	3	325	180	400	125	102	7	6	22	23	8-ϕ18
6"	150	285	240	212	22	3	350	207	500	125	102	7	6	27	27	8-ϕ22
8"	200	340	295	268	24	3	400	256	600	140	125	9	7	36	36	12-ϕ22

加长阀杆法兰球阀
高平台球阀
American Standard Flange
Q41F-16P High Platform Ball Valve
Q41F-16P

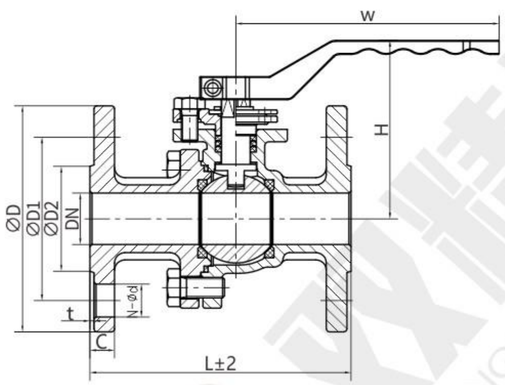


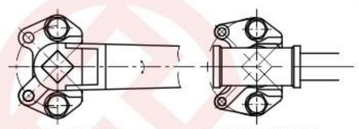
尺寸 Dimensions Unit:mm

SIZE	d	D	D1	D2	C	t	L	H	W	A	B	R	r	K*K	H-H	h	N–φz
1/2"	15	95	65	45	16	2	130	50	140	50	36	3.5	3	9*9	60	9	4-φ14
3/4"	20	105	75	58	18	2	130	54	140	50	36	3.5	3	9*9	60	9	4-φ14
1"	25	115	85	68	18	2	140	61	170	70	50	4.5	3.5	11*11	65	11	4-φ14
1¼"	32	140	100	78	18	2	165	74	170	70	50	4.5	3.5	11*11	65	11	4-φ18
1½"	40	150	110	88	18	3	165	78	200	70	50	4.5	3.5	14*14	80	14	4-φ18
2"	50	165	125	102	18	3	203	82	200	70	50	4.5	3.5	14*14	80	14	4-φ18
2½"	65	185	145	122	18	3	222	112	300	102	70	5.5	4.5	17*17	100	17	8-φ18
3"	80	200	160	138	20	3	241	120	300	102	70	5.5	4.5	17*17	100	17	8-φ18
4"	100	220	180	158	20	3	305	144	300	102	70	5.5	4.5	17*17	100	17	8-φ18

标准/STANDARDS:
1.设计标准/Design: GB/T12237;DIN3357;EN12516-1;ASME B16.34;API608。
2.壁厚标准/Wakk Thickness：ANSI B16.34,EN12516-1。
3.法兰标准/End Flange：GB/T9113;HG20592;DIN1092;ASME B16.5;JIS B2238。
4.检测标准/Inspection&Testing:GB/T 26480 26480;DIN3230;API 598;EN 12266。

低平台法兰球阀
Low Platform Flanged
Ball Valve
Q41F-16P
Q41F-150LB
Q41F-10K





明细表 MATERIALS LIST

	名称 PART NAME	材质表 MATERIAL		
1	阀盖 Bonnet	A351 CF8	A351 CF8M	A216 WCB
2	螺栓 Bolt	ASTM A193 B7 ASTM A193 B8		
3	螺母 screw nut	A194 8 A194 2H		
4	密封线 Gasmket	PTFE/RPEFE		
5	球体 Ball	SUS304/SUS316		
6	密封 Seat	PTFE/RPEFE/PPL/PEEK		
7	阀体 Body	A351 CF8	A351 CF8M	A216 WCB
8	防静电弹簧 Anti Static Decice	SUS304		
9	阀杆 Stem	SUS304/SUS316		
10	减磨垫 Stem Washer	PTFE/RPEFE		
11	O型圈 O-Ring	FKM/VITON		
12	V型填料 V-Ring Packing	PTFE/RPEFE		
13	压盖 Gland	SUS304		
14	定位片 Stop lock cap	SUS304		
15	轴用挡圈 Shaft ring	SUS304		
16	螺栓 Bolt	SUS304		
17	手柄 Handle	A351 CF8		

尺寸 Dimensions GB PN16/40（国标法兰球阀/National standard flange ball valve）

Unit:mm

SIZE	L	D	D1	D2	t	C	N–φd	H	W
15	130	95	65	45	2	16	4-φ14	70.5	140
20	130	105	75	55	2	18	4-φ14	74	140
25	140	115	85	65	2	18	4-φ14	88	160
32	165	140	100	78	2	18	4-φ18	92.5	160
40	165	150	110	85	3	18	4-φ18	116	230
50	203	165	125	100	3	20	4-φ18	122.5	230
65	222	185	145	120	3	18	4-φ18	131.5	230
80	241	200	160	135	3	20	8-φ18	158.5	300
100	305	220	180	155	3	20	8-φ18	182.5	300
125	320	245	210	185	3	22	8-φ18	238	500
150	360	285	240	210	3	24	8-φ23	278.5	645
200	457	335	295	265	3	26	12-φ23	329	845
250	533	405	355	320	3	30	12-φ25	395	1335

尺寸 Dimensions ASME CLASS 150LB（美标法兰球阀/American Standard Flanged Ball Valve）

Unit:mm

SIZE	DN	L	D	D1	D2	t	C	N–φd	H	W
1/2"	15	108	90	60.5	35	2	10	4-φ16	70.5	140
3/4"	20	117	100	70	43	2	11	4-φ16	74	140
1"	25	127	110	79.5	51	2	12	4-φ16	88	160
1¼"	32	140	115	89	63.5	2	13	4-φ16	92.5	160
1½"	38	165	125	98.5	73	2	15	4-φ16	116	230
2"	50	178	150	120.5	92	2	16	4-φ19	122.5	230
2½"	65	190	180	140	105	2	18	4-φ19	131.5	230
3"	76	203	190	152.5	127	2	19	4-φ19	158.5	300
4"	100	229	230	190.5	157	2	24	8-φ19	182.5	300
5"	125	356	255	216	186	2	24	8-φ22	238	500
6"	150	394	280	241.5	216	2	26	8-φ22	278.5	645
8"	200	457	345	298.5	267	2	29	8-φ22	329	845
10"	250	533	405	362	324	2	31	12-φ25	395	1335

尺寸 Dimensions JIS 10K（日标法兰球阀/Japanese standard flanged ball valve）

Unit:mm

SIZE	DN	L	D	D1	D2	t	C	N–φd	H	W
1/2"	15	108	95	70	52	1	12	4-φ15	70.5	130
3/4"	20	117	100	75	58	1	14	4-φ15	74	130
1"	25	127	125	90	70	1	14	4-φ19	88	170
1¼"	32	140	135	100	80	2	16	4-φ19	92.5	170
1½"	38	165	140	105	85	2	16	4-φ19	116	230
2"	50	178	155	120	100	2	16	4-φ19	122.5	230
2½"	65	190	175	140	116	2	18	4-φ19	131.5	230
3"	76	203	185	150	130	2	18	8-φ19	158.5	300
4"	100	229	210	175	155	2	18	8-φ19	182.5	300
5"	125	356	250	210	185	2	20	8-φ23	238	500
6"	150	394	280	240	215	2	22	8-φ23	278.5	645
8"	200	457	330	290	265	2	22	12-φ23	329	845
10"	250	533	400	355	325	2	24	12-φ25	395	1335

尺寸 Dimensions DIN PN16/40（德标法兰球阀/German standard flanged ball valve）

Unit:mm

SIZE	L	D	D1	D2	t	C	N–φd	H	W
15	115	95	65	45	2	16	4-φ14	70.5	140
20	120	105	75	58	2	18	4-φ14	74	140
25	125	115	85	68	2	18	4-φ14	88	160
32	130	140	100	78	2	18	4-φ14	92.5	160
40	140	150	110	88	3	18	4-φ18	116	230
50	150	165	125	102	3	20	4-φ18	122.5	230
65	170	185	145	122	3	20	4-φ18	131.5	230
80	180	200	160	138	3	20	8-φ18	158.5	300
100	190	220	180	158	3	20	8-φ18	182.5	300
125	325	250	210	188	3	22	8-φ18	238	500
150	350	285	240	212	3	24	8-φ22	278.5	645
200	400	340	295	268	3	26	12-φ22	329	845
250	450	405	355	320	3	30	12-φ26	395	1335



国标手动球阀
National Standard
Manual Ball Valve

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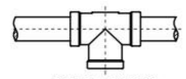
技术要求
1.阀门的设计与制造按GB/T 12237的规定。
2.阀门的结构长度按JB/1686的规定。
3.阀门的连接法兰按HG/T 20592的规定。
4.阀门的检验与试验按GB/T 26480的规定。

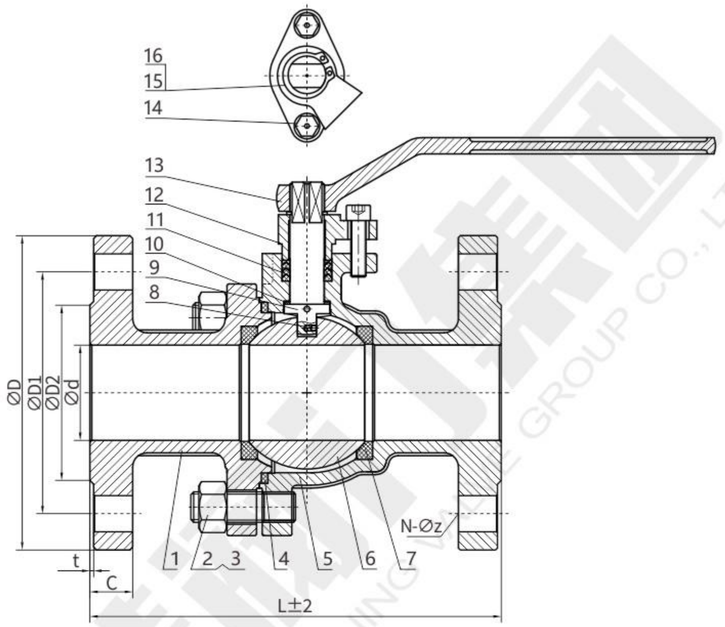
Technical requirements
1. The design and manufacture of the valve are in accordance with the provisions of GB/T 12237.
2. The structural length of the valve is in accordance with the provisions of JB/1686.
3. The connecting flange of the valve is in accordance with the regulations of HG/T 20592.
4. The inspection and test of the valve shall be in accordance with the provisions of GB/T 26480.

性能规范 Performance Specifications

公称压力 Nominal pressure				PN16			
公称通径 Nominal diameter				DN15-200			
试验压力 Test pressure	强度试验 Strength test	2.4	Mpa	试验介质 Test medium	水 Water	试验温度 Test temperature	常温 Normal Temperature
	密封试验 Seal test	1.8					
	气密封试验 Air tightness test	0.6			空气 Air		
适用介质 Applicable media		水、油品等 water oil etc					
最高工作温度 Maximum operating temperature		-29~120℃					

序号 Number	零件名称 Part name	材质 Material		
1	端盖 End cap	A351 CF8M	A351 CF8M	A216 WCB
2	螺栓 Bolt	SS304	SS304	SS304
3	螺母 Nut	SS304	SS304	SS304
4	密封线 Sealing line	PTFE	PTFE	PTFE
5	阀体 Valve body	A351 CF8M	A351 CF8	A216 WCB
6	球体 Sphere	SS316	SS304	SS304
7	阀座 Valve seat	PTFE	PTFE	PTFE
8	防静电装置 Anti-static device	SS304	SS316	SS304
9	阀杆 Stem	SS316	SS304	SS304
10	减磨垫 Anti-wear pads	PTFE	PTFE	PTFE
11	V型填料 V-shaped packing	PTFE	PTFE	PTFE
12	压板 Platen	CF8	CF8	CF8
13	手柄 Handle	CF8	CF8	45#
14	定位螺栓 Set bolt	SS304	SS304	SS304
15	定位锁块 Positioning lock block	SS304	SS304	SS304
16	卡簧 Circlip	SS304	SS304	SS304





尺寸 Dimensions　　化工部法兰/机械部长度　HG Flange/JB Length　　Unit:mm

DN	L	D	D1	D2	C	t	N–ϕz
15	130	95	65	45	16	2	4-ϕ14
20	140	105	75	55	18	2	4-ϕ14
25	150	115	85	65	18	2	4-ϕ14
32	165	140	100	78	18	2	4-ϕ18
40	180	150	110	85	18	3	4-ϕ18
50	200	165	125	100	18	3	4-ϕ18
65	220	185	145	120	18	3	8-ϕ18
80	250	200	160	135	20	3	8-ϕ18
100	280	220	180	155	20	3	8-ϕ18
125	320	250	210	188	22	3	8-ϕ18
150	360	285	240	212	22	3	8-ϕ22
200	400	340	295	268	24	3	12-ϕ22



国标手动球阀
National Standard
Manual Ball Valve

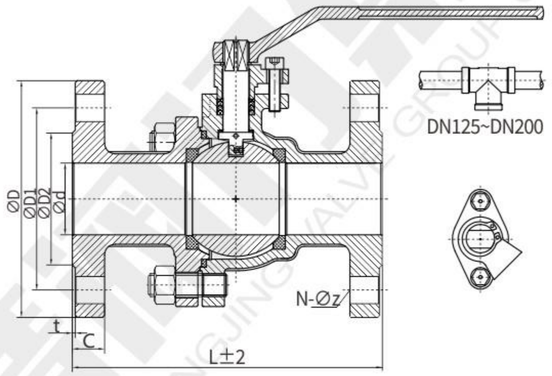
Q41F-16P

技术要求
1.阀门的设计与制造按GB/T 12237的规定。
2.阀门的结构长度按GB/T 12221的规定。
3.阀门的连接法兰按HG/T 20592的规定。
4.阀门的检验与试验按GB/T 26480的规定。

Technical requirements
1. The design and manufacture of the valve are in accordance with the provisions of GB/T 12237.
2. The structural length of the valve is in accordance with the provisions of GB/T 12221.
3. The connecting flange of the valve is in accordance with the regulations of HG/T 20592.
4. The inspection and test of the valve shall be in accordance with the provisions of GB/T 26480.

性能规范 Performance Specifications

公称压力 Nominal pressure			PN16				
公称通径 Nominal diameter			DN15-200				
试验压力 Test pressure	强度试验 Strength test	2.4	Mpa	试验介质 Test medium	水 Water	试验温度 Test temperature	常温 Normal Temperature
	密封试验 Seal test	1.8			空气 Air		
	气密封试验 Air tightness test	0.6					
适用介质 Applicable media	水、油品等 water oil etc						
最高工作温度 Maximum operating temperature	-29~120℃						



尺寸 Dimensions　化工部法兰/化工部长度　HG Flange/HG Length　Unit:mm

DN	L	D	D1	D2	C	t	N–φz
15	130	95	65	45	16	2	4-φ14
20	140	105	75	55	18	2	4-φ14
25	150	115	85	65	18	2	4-φ14
32	165	140	100	78	18	2	4-φ18
40	165	150	110	85	18	3	4-φ18
50	203	165	125	100	18	3	4-φ18
65	222	185	145	120	18	3	8-φ18
80	241	200	160	135	20	3	8-φ18
100	305	220	180	155	20	3	8-φ18
125	356	250	210	188	22	3	8-φ18
150	394	285	240	212	22	3	8-φ22
200	457	340	295	268	24	3	12-φ22

技术要求
1.阀门的设计与制造按GB/T 12237的规定。
2.阀门的结构长度按GB/T 12221的规定。
3.阀门的连接法兰按JB/T 79.1的规定。
4.阀门的检验与试验按GB/T 26480的规定。

Technical requirements
1. The design and manufacture of the valve are in accordance with the provisions of GB/T 12237.
2. The structural length of the valve is in accordance with the provisions of GB/T 12221.
3. The connecting flange of the valve shall be in accordance with the provisions of JB/T 79.1.
4. The inspection and test of the valve shall be in accordance with the provisions of GB/T 26480.

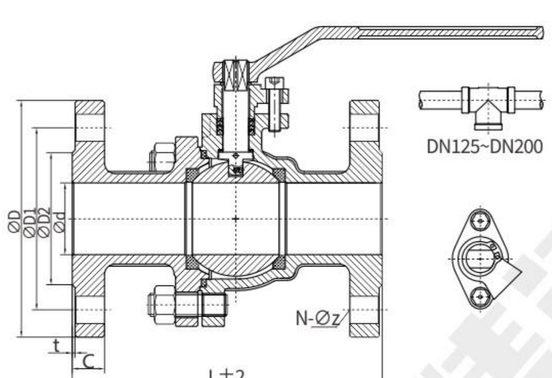


国标手动球阀
National Standard
Manual Ball Valve

Q41F-16P

性能规范 Performance Specifications

公称压力 Nominal pressure			PN16				
公称通径 Nominal diameter			DN15-200				
试验压力 Test pressure	强度试验 Strength test	2.4	Mpa	试验介质 Test medium	水 Water	试验温度 Test temperature	常温 Normal Temperature
	密封试验 Seal test	1.8			空气 Air		
	气密封试验 Air tightness test	0.6					
适用介质 Applicable media	水、油品等 water oil etc						
最高工作温度 Maximum operating temperature	-29~120℃						



尺寸 Dimensions　机械部法兰/机械部长度　JB Flange/JB Length　Unit:mm

DN	L	D	D1	D2	C	t	N–φz
15	130	95	65	45	14	2	4-φ14
20	140	105	75	55	14	2	4-φ14
25	150	115	85	65	14	2	4-φ14
32	165	135	100	78	16	2	4-φ18
40	180	145	110	85	16	3	4-φ18
50	200	160	125	100	16	3	4-φ18
65	220	180	145	120	18	3	4-φ18
80	250	195	160	135	20	3	8-φ18
100	280	215	180	155	20	3	8-φ18
125	320	245	210	188	22	3	8-φ18
150	360	280	240	212	22	3	8-φ23
200	400	335	295	268	24	3	12-φ23

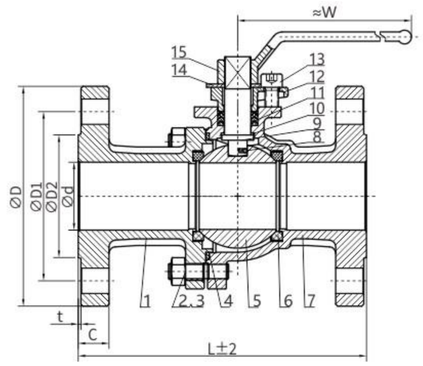


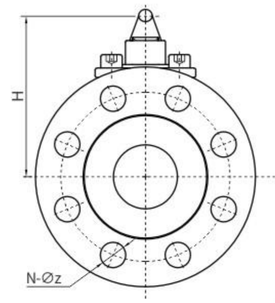
美标手动球阀
American Standard
Manual Ball Valve

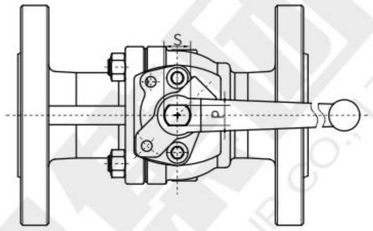
Q41F-300LB

性能规范 Performance Specifications								
公称压力 Nominal pressure				300LB				
公称通径 Nominal diameter				1/2"-4"				
试验压力 Test pressure	强度试验 Strength test	7.5	Mpa	试验介质 Test medium	水 Water	试验温度 Test temperature	常温 Normal Temperature	
	密封试验 Seal test	5.5						
	气密封试验 Air tightness test	0.6			空气 Air			
适用介质 Applicable media		水、油品等 water oil etc						
最高工作温度 Maximum operating temperature		-29~150℃						

序号 Number	名称 Part name	材质表 Material	
1	端盖 End cap	A351 CF8	A351 CF8M
2	螺栓 Bolt	A193-B8	A193-B8
3	螺母 Nut	A194-8	A194-8
4	线条 Line	PTFE/石墨(Graphite)+SS304	PTFE/石墨(Graphite)+SS304
5	球体 Sphere	SS304	SS316
6	阀体 Valve body	A351 CF8	A351 CF8M
7	阀座 Valve seat	R-PTFE/PEEK	R-PTFE/PEEK
8	防静电装置 Anti-static device	SS304	SS304
9	阀杆 Stem	SS304	SS316
10	减磨垫 Anti-wear pads	PTFE	PTFE
11	填料 Filler	PTFE/石墨(Graphite)	PTFE/石墨(Graphite)
12	压板 Platen	CF8	CF8
13	定位螺栓 Set bolt	SS304	SS304
14	定位锁块 Positioning lock block	SS304	SS304
15	手柄 Handle	CF8	CF8







尺寸 Dimensions

Unit:mm

SIZE	d	D	D1	D2	C	t	L	H	W	N-φz	P	S
1/2"	15	95	66.7	35	15	2	140	75	155	4-φ16	8	12
3/4"	20	115	82.6	43	16.3	2	152	75	155	4-φ19	8	12
1"	25	125	88.9	51	18	2	165	85	165	4-φ19	9	14
1¼"	32	135	98.4	64	20	2	178	90	180	4-φ19	10	16
1½"	40	155	114.3	73	21	2	190	100	185	4-φ22	12	18
2"	50	165	127.0	92	23	2	216	115	235	8-φ19	14	20
2½"	65	190	149.2	105	26	2	241	135	255	8-φ22	15	22
3"	80	210	168.3	127	29	2	282	145	270	8-φ22	16	24
4"	100	255	200.0	157	32.5	2	305	175	340	8-φ22	17	26

