



PVC-C Double Union Ball Valve

641

Compact double union ball valve with union ends for easy installation and removal.

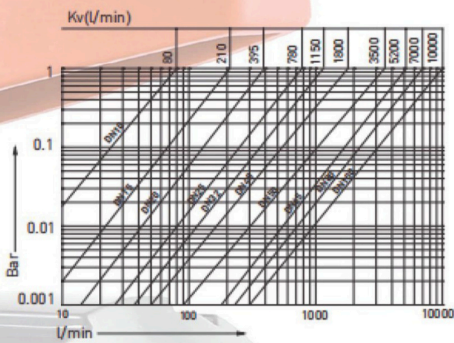
Material	PVC-C
Size range	DN15-DN100 (1/2"-4")
Sealing ring	EPDM, FPM; FFKM optional (family description)
Pressure rating	PN16 at 23°C (family description)
Seat material	PTFE
Connection	DIN, ANSI, JIS, BSPT, NPT



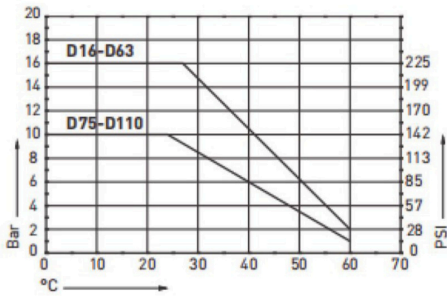
Ball valve technical data

技术数据
Technical Features

A 压头损失
Pressure Loss



B 最大工作压力
Max.Working Pressure



C 扭矩
Torque

D	Inch	Nm
16-20	3/8"-1/2"	0.5
25	3/4"	1.5
32	1"	2.5
40	1 1/4"	5.5
50	1 1/2"	7
63	2"	10
75	2 1/2"	20
90	3"	26
110	4"	28

备注

- A 阀门开启状态下，介质为 20℃时的水
B 压力 / 温度关系曲线，介质为水或无腐蚀流体
C 最大工作压力时的最大扭矩

Remarks

- A WITH WATER 20°C AND VALVE IN OPEN POSITION
B PRESSURE TEMPERATURE RATING FOR WATER AND HARMLESS FLUID
C MAXIMUM TORQUE AT MAXIMUM WORKING PRESSURE

阀门材料 Valve Material	密度 Density			酸 Acids		氧化剂 Oxidants	碱 Bases		溶剂 Solvents						油类 Oil	
	g/cm³	弱 Weak	强 Strong	氧化性 Oxidizing	氢氟酸 HF	卤素 Halogen	弱 Weak	强 Strong	醇 Alcohols	酯 Ester	酮 Ketone	醚 Ether	芳香烃 Aromatic Hydrocarbon	挥发油 Volatile Oil	合成油 Synthetic Oil	天然油 Natural Oil
PVC-U	1.38	+	+	+	+	+	+	+	O	-	-	-	-	+	+	+
橡胶类密封材料 Elastomers Seals																
EPDM	0.86	+	+	O	O	O	+	+	+	O	-	-	-	-	-	-
FPM	1.9	+	+	+	+	+	O	-	+	+	+	+	+	+	+	+
PTEE	2.17	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

*耐腐蚀性 Corrosion resistance (+)=良好 Good resistant (O)=有条件耐受 Conditionally resistant (-)=不耐受 Not recommended

以上技术信息仅作为一般安装指导，特殊疑问请咨询我司相关技术部门。

ABOVE MENTIONED TECHNICAL INFORMATION SHOULD BE USED AS A GUIDE.PLEASE CONSULT OUR TECHICAL DEPARTMENT FOR SPECITIC QUESTIONS.



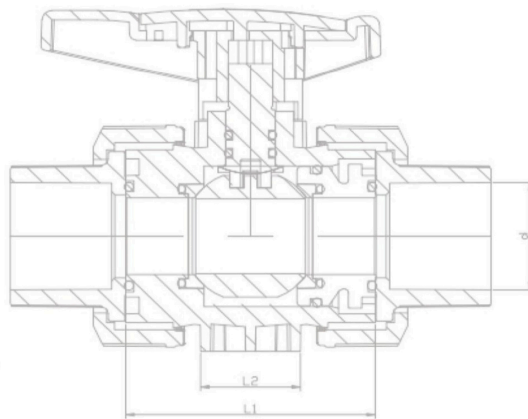
Ball valve description & section drawing

双由令球阀规格表

SPECIFICATION TABLE OF BALL VALVE

描述：

- 提供材质：PVC-U, PVC-C, PP-H, PVDF。
- 尺寸：DN15-DN100(1/2"-4")。
- 密封圈：EPDM、FPM、FFKM 可选。
- 提供承插口标准：公制 DIN、美标 ANSI、日标 JIS、BSPT、NPT。
- 螺纹标准：NPT、BSPS、G。
- 工作压力：PN16 (23℃)。
- PTFE 球垫密封。
- 有专用支架配电动或气动执行器。
- 螺纹密封支撑，允许系统带压拆卸阀门。
- 末端活接结构易于安装和拆卸。
- 手柄嵌入式设计可以作为开关支撑的工具，方便调节密封支撑及扭矩。
- 整体锁紧机构。
- 机械性能良好。
- 耐多种无机化学品腐蚀。
- 优异的流动性。



Description:

- Material: PVC-U, PVC-C, PP-H, PVDF.
- Size: DN15-DN100(1/2"-4").
- Sealing ring: EPDM, FPM, FFKM optional.
- Standard: provide socket metric DIN, ANSI, JIS, BSPT, NPT.
- Thread standards: NPT, BSPS, G
- Working pressure: PN16 (23℃)
- Ball seat in PTEE.
- Special corrosion resistant plastic support - to install electric or pneumatic actuators.
- Threaded seal carrier, it allows the disassembling of the valve while maintaining system pressure.
- Union ends for easy installation and removal.
- Handle built-in tool for easy adjustment of the threaded seal-carrier (and ball torque).
- Integrated fastening system.
- Good mechanical strength.
- Resistance to many inorganic chemicals.
- Excellent flow characteristics.





HUAGONG WEIYE

HUBEI HUAGONG WEIYE COMPLETE EQUIPMENT CO., LTD

PVC-C Double Union Ball Valve dimensions & order codes

双由令球阀PVC-C 641系列

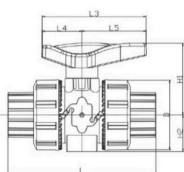
Ball Valve PVC-C 641 SERIES



双由令球阀PVC-C 641--DIN

Ball Valve PVC-C 641--DIN

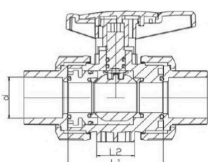
SIZE	NOM	D	H1	H2	L	L1	L2	L3	L4	L5	d	EPDM Code	FPM Code
1/2"	DN15	51	53	27	119	64.5	24	68.6	28.6	40	20	641 20614	641 20714
3/4"	DN20	60.6	68	32	109.5	65	30.4	102	39	63	25	641 20624	641 20724
1"	DN25	69.5	71	36	144.6	75	30	102	39	63	32	641 20634	641 20734
1 1/4"	DN32	85	87.8	45	160	85	37.2	125.8	48.2	77.6	40	641 20644	641 20744
1 1/2"	DN40	100	89.3	52.3	160	90	37.2	125.8	48.2	77.6	50	641 20654	641 20754
2"	DN50	124	116.4	64.2	194	112	41	155	59.4	95.6	63	641 20664	641 20764
2 1/2"	DN65	164	166.5	87	245	133	45.5	/	/	209.6	75	641 20674	641 20774
3"	DN80	200	189.5	105.5	269	147	51	/	/	228.8	90	641 20684	641 20784
4"	DN100	234	214	121	312	166	62	/	/	299.5	110	641 20694	641 20794



双由令球阀PVC-C 641--ANSI

Ball Valve PVC-C 641--ANSI

SIZE	NOM	D	H1	H2	L	L1	L2	L3	L4	L5	d	EPDM Code	FPM Code
1/2"	DN15	51	53	27	119	64.5	24	68.6	28.6	40	21.3	641 21615	641 21715
3/4"	DN20	60.6	68	32	109.5	65	30.4	102	39	63	26.7	641 21625	641 21725
1"	DN25	69.5	71	36	144.6	75	30	102	39	63	33.4	641 21635	641 21735
1 1/4"	DN32	85	87.8	45	160	85	37.2	125.8	48.2	77.6	42.2	641 21645	641 21745
1 1/2"	DN40	100	89.3	52.3	160	90	37.2	125.8	48.2	77.6	48.3	641 21655	641 21755
2"	DN50	124	116.4	64.2	194	112	41	155	59.4	95.6	60.3	641 21665	641 21765
2 1/2"	DN65	164	166.5	87	245	133	45.5	/	/	209.6	73.02	641 21675	641 21775
3"	DN80	200	189.5	105.5	269	147	51	/	/	228.8	88.9	641 21685	641 21785
4"	DN100	234	214	121	312	166	62	/	/	299.5	114.3	641 21695	641 21795



双由令球阀PVC-C 641--JIS

Ball Valve PVC-C 641--JIS

SIZE	NOM	D	H1	H2	L	L1	L2	L3	L4	L5	d	EPDM Code	FPM Code
1/2"	DN15	51	53	27	119	64.5	24	68.6	28.6	40	22	641 22616	641 22716
3/4"	DN20	60.6	68	32	109.5	65	30.4	102	39	63	26	641 22626	641 22726
1"	DN25	69.5	71	36	144.6	75	30	102	39	63	32	641 22636	641 22736
1 1/4"	DN32	85	87.8	45	160	85	37.2	125.8	48.2	77.6	38	641 22646	641 22746
1 1/2"	DN40	100	89.3	52.3	160	90	37.2	125.8	48.2	77.6	48	641 22656	641 22756
2"	DN50	124	116.4	64.2	194	112	41	155	59.4	95.6	60	641 22666	641 22766
2 1/2"	DN65	164	166.5	87	245	133	45.5	/	/	209.6	76	641 22676	641 22776
3"	DN80	200	189.5	105.5	269	147	51	/	/	228.8	89	641 22686	641 22786
4"	DN100	234	214	121	312	166	62	/	/	299.5	114	641 22696	641 22796



PVC-C Double Union Ball Valve dimensions & order codes

双由令球阀PVC-C 641--BSPT

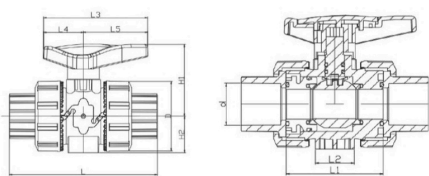
Ball Valve PVC-C 641--BSPT



SIZE	NOM	D	H1	H2	L	L1	L2	L3	L4	L5	EPDM Code	FPM Code
1/2"	DN15	51	53	27	119	64.5	24	68.6	28.6	40	641 23617	641 23717
3/4"	DN20	60.6	68	32	109.5	65	30.4	102	39	63	641 23627	641 23727
1"	DN25	69.5	71	36	144.6	75	30	102	39	63	641 23637	641 23737
1 1/4"	DN32	85	87.8	45	160	85	37.2	125.8	48.2	77.6	641 23647	641 23747
1 1/2"	DN40	100	89.3	52.3	160	90	37.2	125.8	48.2	77.6	641 23657	641 23757
2"	DN50	124	116.4	64.2	194	112	41	155	59.4	95.6	641 23667	641 23767
2 1/2"	DN65	164	166.5	87	245	133	45.5	/	/	209.6	641 23677	641 23777
3"	DN80	200	189.5	105.5	269	147	51	/	/	228.8	641 23687	641 23787
4"	DN100	234	214	121	312	166	62	/	/	299.5	641 23697	641 23797

双由令球阀PVC-C 641--NPT

Ball Valve PVC-C 641--NPT



SIZE	NOM	D	H1	H2	L	L1	L2	L3	L4	L5	EPDM Code	FPM Code
1/2"	DN15	51	53	27	119	64.5	24	68.6	28.6	40	641 24618	641 24718
3/4"	DN20	60.6	68	32	109.5	65	30.4	102	39	63	641 24628	641 24728
1"	DN25	69.5	71	36	144.6	75	30	102	39	63	641 24638	641 24738
1 1/4"	DN32	85	87.8	45	160	85	37.2	125.8	48.2	77.6	641 24648	641 24748
1 1/2"	DN40	100	89.3	52.3	160	90	37.2	125.8	48.2	77.6	641 24658	641 24758
2"	DN50	124	116.4	64.2	194	112	41	155	59.4	95.6	641 24668	641 24768
2 1/2"	DN65	164	166.5	87	245	133	45.5	/	/	209.6	641 24678	641 24778
3"	DN80	200	189.5	105.5	269	147	51	/	/	228.8	641 24688	641 24788
4"	DN100	234	214	121	312	166	62	/	/	299.5	641 24698	641 24798

