

KDJ Valves & Pipe Fittings

Acid-resistant & Alkali-resistant Products

專業 塑膠閥類 塑膠管配件 製造廠

ISO 9001 認證



ACCREDITED
Management Systems
Certification Body
MSCB-169



GREAT
Certification
ISO 9001



KING DA JENG

金大正有限公司

KING DA JENG CO., LTD.

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公司簡介 > About Us

金大正成立於1998年，專業生產製造國內外各式耐酸鹼塑膠閥類塑膠管配件接頭，並創立品牌 KDJ 行銷全世界。本公司生產之產品適用於耐酸鹼之工業工程系統、純水製程系統以及一般民生相關之輸送排水系統，亦提供各式新產品開發及代工製造服務。

我們不斷的積極創新、求進步，透過一貫化的生產流程與專業管理嚴格把關各個產品製程，並以服務至上的精神，提供最優質的產品與服務，並於2017年通過 ISO9001:2015 認證與國際接軌。

Since 1998, KING DA JENG CO., LTD. has been a professional manufacturer of valves and fittings, based in Taichung, Taiwan. We specialize in producing a wide range of acid-resistant and alkali-resistant valves, pipe fittings, and plastic connectors.

Our products are designed for use in industrial systems that require acid and alkali resistance, pure water systems, as well as general drainage and water supply systems, such as fishery irrigation, agricultural irrigation, and air conditioning systems. Under the **KDJ** brand, we market our products globally and also offer services for new product development and OEM orders.

We are committed to continuous innovation and progress, with a strong focus on quality control, efficient service, and creative design. Through a streamlined production process and professional management, we strive to deliver the highest quality products and services to our customers.

In our pursuit of excellence, **KDJ** was awarded **ISO 9001:2015** certification in 2017, reinforcing our goal of providing the best service to customers worldwide.



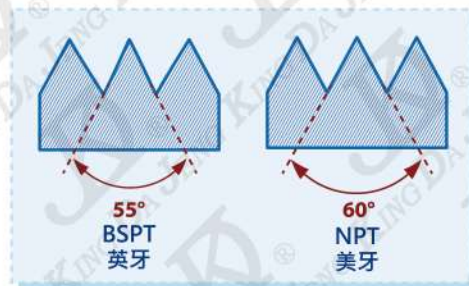


STANDARDS SOCKET

STD SIZE	JIS 日規	CNS 台規	DIN 德規	ANSI 美規	BS 英規
15mm	1/2"	22.0	22.0	21.34	21.34
20mm	3/4"	26.0	26.0	26.67	26.67
25mm	1"	32.0	34.0	33.40	33.40
32mm	1 1/4"	38.0	42.0	42.16	42.16
40mm	1 1/2"	48.0	48.0	48.26	48.26
50mm	2"	60.0	60.0	60.33	60.33
65mm	2 1/2"	76.0	76.0	73.03	76.10
80mm	3"	89.0	89.0	88.90	88.90
90mm	3 1/2"	-	100.0	-	-
100mm	4"	114.0	114.0	114.30	114.30
125mm	5"	140.0	140.0	141.30	141.30
150mm	6"	165.0	165.0	168.28	168.28
200mm	8"	216.0	216.0	219.08	219.08
250mm	10"	267.0	267.0	273.05	273.05
300mm	12"	318.0	318.0	323.85	323.85

STANDARDS THREAD

SIZE NOM	thd / in	thd / in
	BSPT 英牙	NPT 美牙
1/2"	15mm	14.0
3/4"	20mm	14.0
1"	25mm	11.0
1 1/4"	32mm	11.0
1 1/2"	40mm	11.0
2"	50mm	11.0
2 1/2"	65mm	11.0
3"	80mm	11.0
4"	100mm	11.0





Product Features

Anti-corrosion

High chemical stability, which can prevent water pollution inside the pipe.

Durable

Long product lifetime with excellent weather resistance, reducing damage caused by both external and internal forces.

Insulator

High electrical resistance and non-conductive properties, preventing electric leakage and galvanic corrosion.

Withstand High Pressures

Capable of withstanding 3 to 4 times the rated working pressure, effectively mitigating the water hammer effect in most conditions.

Light Weight

Lighter than metal valves and pipe fittings, making it easy to install, load, and unload.

Simple installation

Easily connected with cement/glue for fast installation, ensuring safety and reliability.

Smooth Inner Wall

Reduces friction loss, decreasing pump head. Prevents dirt and dust from adhering to the inner wall.

耐腐性

化學穩定性高，不會對管內水質汙染

耐用性

使用壽命長，有極佳的耐候性，不虞外力或內應力變化所損害

絕緣體

絕緣不導電，沒有漏電之虞，且沒有電腐蝕之虞

耐壓高

可以承受額定壓力之3~4倍，足以克服任何條件下的水錘作用

質地輕

重量較金屬產品輕，易於施工、搬運及裝卸

施工易

管與接頭以冷膠結合，快速且安全可靠

內壁光滑

阻力損失少，除了可降低泵浦揚程外，並可防止汙物附著於管壁，減少流量損失

應用範圍

UPVC 工業管路系統

CPVC 工業管路系統

ABS 管路系統

PP 管路系統

Clear PVC 透明管路系統

海水輸送系統

純水輸送系統

污水輸送系統

灌溉輸送系統

飲用水輸送系統

空調冰水/迴水系統

酸鹼化學品輸送系統

環境工程一般管路系統

Application

UPVC Industrial Piping System

CPVC Industrial Piping System

ABS Piping System

PP Piping System

Clear PVC Piping System

Sea Water Transmission System

Pure Water Transmission System

Sanitary and Drainage System

Irrigation Transmission System

Potable Water Transmission System

Cooling and Refrigeration Transmission System

Chemical Fluid Transmission System

Regular Piping Transmission System



CHEMICAL RESISTANCE OF MATERIAL 材料化學耐受性

Chemicals 化 學 品	Concentration 濃 度 (%)	Temperature 溫 度 (°C)	Material 材 質						
			P V C	C P V C	P P	P V D F	P T F E	E P D M	F P M
Sodium chloride 氯化鈉	Saturated Water Solution 飽和水溶液	40	○	○	○	○	○	○	○
		60	○	○	○	○	○	○	○
		80		○	○	○	○	○	○
Hydrochloric acid 鹽 酸	35	40	○	○	○	○	○	○	○
		60	○	○	○	○	○	×	×
		80		○	○	○	○		
Caustic soda 氫氧化鈉	50	40	○	○	○	○	○	○	×
		60	○	○	○	×	○	○	
		80		○	○	×	○	△	
Chromic acid 鉻 酸	20	40	○	○		○	○		○
		60	○	△		○	○		○
		80				○	○		△
Acetic acid 乙 酸 (醋酸)	50	40	○	○	○	○	○		×
		60	○	△	○	○	○		
		80		×		○	○		
Soda hypochlorite 次 氯 酸 鈉	13	40	○	○	△	○	○		
		60	○	○		○	○		
		80							
Nitric acid 硝 酸	50	40	○	○	○	○	○		○
		60	○	△	△	○	○		△
		80		×	×	○	○		×
Toluene 甲 苯		40			△	○	○		
		60			×	○	○		
		80				○	○		
Hydrogen sulfide 硫 化 氫	Aqueous Solution	40	○	○	○	○	○	○	○
		60	○	○	○	○	○	○	○
		80		○	○	○	○	○	
Sulfuric acid 硫 酸	90	40	○	○	○	○	○	○	○
		60	○	○	○	○	○	△	○
		80		△	○	○	○	×	○

○ Not affected 不受影響

△ Slightly affected but serviceable 輕微受影響但可用

○ Negligibly affected 影響極輕微

× Not serviceable 不可用



REFERENCE RANGE OF TEMPERATURE 溫度參考範圍

Material 材 質	Abbreviation 縮 寫	General chemical resistance 一般化學耐受性	Max. Service temperature 最大使用溫度	
			Continuous 連續使用	Short hours 短時間使用
Polyvinyl Chloride	PVC	Resistant against most of acids, alkalis and salts of high to low concentration level. However, the material tends to be attacked by some chemicals - such as aromatic hydrocarbon, ketones, esters and chlorinated hydrocarbon. 對大多數高低濃度的酸、鹼和鹽有耐受性。 然而，這種材料容易被一些化學品破壞，如芳香烴、酮類、酯類和氯化烴。	5° ~ 50°C	60°C
Chlorinated Polyvinyl Chloride	CPVC	Resistance properties are nearly the same as PVC. Having a high heat resistance, this is serviceable in the temperature range higher than the PVC. 耐受性與PVC幾乎相同。 具有較高的耐熱性，適用於比PVC更高的溫度範圍。	0° ~ 90°C	100°C
Polypropylene	PP	Not stable against strong acids such as concentrated nitric acid and chromic acid mixture, but this is resistant against other acids, alkalis and salts. Resistance against many organic solvents (specifically the solvent with active group), but tends to be attacked by chlorine-containing solvents, aliphatic series and aromatic hydrocarbon. 於強酸中不穩定，如：濃硝酸和鉻酸混合物，但對其他酸、鹼和鹽具有耐受性。 對許多有機溶劑（特別是活性溶劑）有耐受性，但會被含氯溶劑、脂肪族和芳香族碳氫化合物所破壞。	0° ~ 80°C	90°C
Acrylonitrile Butadiene Styrene	ABS	ABS has moderate resistance to acids and alkalis but poor resistance to organic solvents and oxidizing agents. It is sensitive to UV light and is suitable for low temperature applications. ABS對酸和鹼具有中等抗性，但對於有機溶劑和氧化劑抗性較差。 對紫外線敏感，適用於低溫應用。	-20° ~ 80°C	90°C
Poly Vinylidene Fluoride	PVDF	Highly resistant up to a high temperature range against ordinary acids & salts and organic chemicals, but broken down by fuming sulfuric acid and strong basic amines. Also, the use conditions with ketone, amide, ester, organic solvent and alkali are limited. 在高溫範圍內對普通酸、鹽和有機化學品有很高的耐受性，但會被發煙硫酸和強鹼性胺類分解。 同時，對酮類、酰胺類、酯類、有機溶劑和鹼的使用條件有所限制。	-20° ~ 120°C	130°C
Ethylene Propylene Rubber	EPDM	Provided with an excellent ozone-resistance and chemical-resistance. Comparatively resistant against ketone and ester, but less resistant against aromatic aliphatic families, and gasoline and oil. 具有優異的耐臭氧性和化學耐受性。 對酮和酯類有較強的耐受性，但對芳香和脂肪族化合物及汽油和油類的耐受性較差。	-10° ~ 130°C	150°C
Polytetra-fluoroethylene (Trade name, Teflon®)	PTFE	Resistant against ordinary acid and alkali, and not dissolved nor changed by ordinary solvent medium. Attacked by melted alkali metal and in a high temperature, by fluorine and chlorine trifluoride. 對普通酸和鹼具有耐受性，不被普通溶劑介質所溶解或改變。 會被熔融的鹼金屬和高溫下的氟氣和三氟化氯所腐蝕。	-20° ~ 250°C	300°C
Fluoro Rubber (Trade name Viton®)	FPM	Most chemical-resistant among all rubber families. Has a good resistance against strong oxidizing acid such as concentrated sulfuric acid and nitric acid; resistant against aliphatic and aromatic families and oils, but attacked by ketones, ammonia anhydride, concentrated caustic soda, etc. 所有橡膠材質中化學耐受性最強。 對於強氧化酸如濃硫酸和硝酸有良好的耐受性；對脂肪族和芳香族化合物及油類有耐受性，但會被酮類、氨基酸酐、濃苛性鈉等所破壞。	-5° ~ 150°C	200°C



Flanging can be used to provide temporary disassembly of a piping system or when it is not possible to make up solvent cemented joints at the assembly site.

Flanges are joined to the pipe by solvent cement or threaded joints. Refer to the sections on solvent cementing or threading of UPVC pipe for the proper techniques.

Flanged joints incorporate an elastomeric gasket between the mating faces to provide for a seal.

The gasket selected must be full-faced and have a hardness of 55-80 durometer A.

Typically, gaskets are 1/8" thick. The gasket material must be resistant to the chemical environment.

Many manufacturers of gasketing materials supply this kind of information. The flanges should be carefully aligned and the bolts inserted through matching holes. A flat washer should be used beneath each nut and bolt head.

Each bolt should be partially tightened in the alternating sequence indicated in the patterns below.

A torque wrench should be used for the final tightening of the bolts.

The bolts should be tightened to the torque recommended in the table below in the same alternating sequence used previously.

法蘭 (Flange) 可用來提供不同規格、材質管路系統間銜接，或管路系統暫時 (維修) 的拆卸，亦或在無法進行溶劑黏膠接合時使用。

法蘭接頭配合彈性墊片在結合面間形成一個密合面。所選的墊片必須是整面的，墊片的質料必須能抵抗化學環境。

很多墊片製造商有供應這方面的資料。如果管路系統是要做為輸送飲用水之用，墊片也必須是可適合飲用水的材質。

接合法蘭片時應小心對準並將螺栓嵌入配合孔內。並在每一個螺帽和螺栓頭下方放置平墊圈。每一個螺栓應加下圖交錯順序中逐步鎖緊。最後鎖緊螺栓應使用扭力扳手。螺栓應參考下表之扭矩以先前相同交錯順序鎖緊。

法蘭承受壓力基本上在150psi (華氏73度)。在較高溫度操作系統時，法蘭承受壓力應依照配合管路系統的壓力遞減係數來減低。

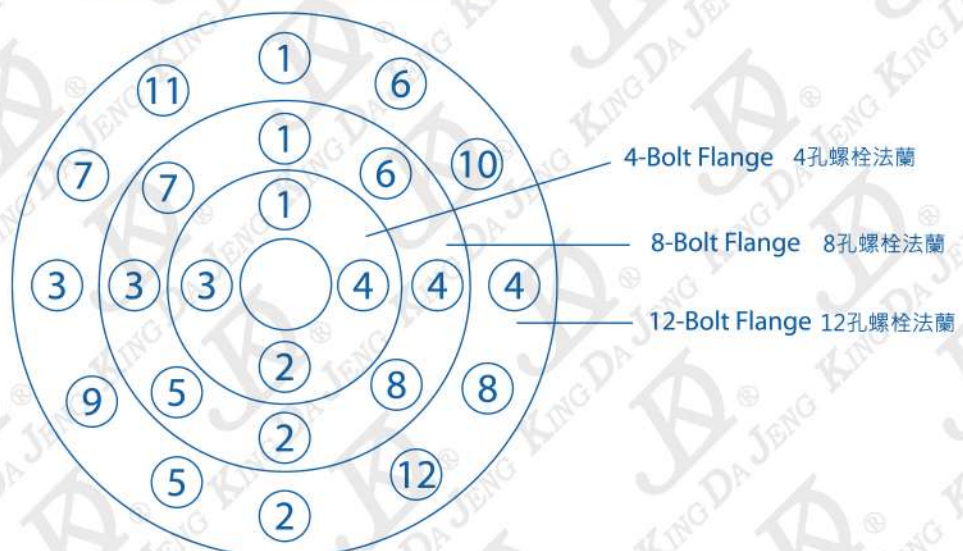
Recommended Bolt Torque

法蘭螺絲建議扭力值

Nominal Pipe Size 管徑尺寸	Number of Bolt Holes 螺絲孔數	Bolt Diameter (in) 螺絲直徑	Recommended Torque (ft-lbs) 建議扭力值
1/2 - 1 1/2	4	1/2	10 ~ 15
2 ~ 3	4	5/8	20 ~ 30
4	8	5/8	20 ~ 30
6	8	3/4	33 ~ 50
8	8	3/4	33 ~ 50
10	12	7/8	53 ~ 75
12	12	1	80 ~ 110

Flange Bolt Tightening Patterns

法蘭片用螺栓鎖緊順序模式



KDJ-100

單把手塑膠球閥 TWO PIECE BALL VALVE ($\frac{1}{2}$ " - 2")

Applications

- Pressure rating: 150 PSI @23°C(73.4°F)
- 100% full flow design.
- Lower torque and easy to operate.

應用說明

- 工作壓力：150 PSI @ 23°C (73.4°F)
- 100%全流量設計
- 低扭力單把手設計，開關方便

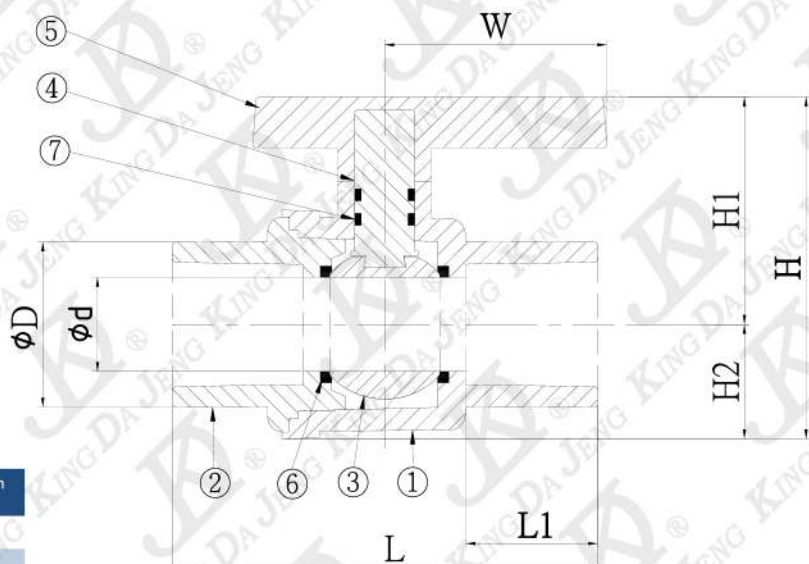
End Type

Socket / Threaded / Flanged

Size	Q'TY / CTN
$\frac{1}{2}$ "	150
$\frac{3}{4}$ "	150
1"	120
1 $\frac{1}{4}$ "	36
1 $\frac{1}{2}$ "	36
2"	24

No.	Part	Q'TY	Material
1.	BODY	1	PVC, CPVC, ABS, PP
2.	CAP	1	PVC, CPVC, ABS, PP
3.	BALL	1	PVC, CPVC, ABS, PP
4.	STEM	1	PVC, CPVC, ABS, PP
5.	HANDLE	1	PVC, CPVC, ABS
6.	SEAT SEAL	2	EPDM, PTFE, TPV, NBR
7.	STEM O-RING	2	EPDM, NBR, FPM

SIZE NOM.	15mm (1/2")	20mm (3/4")	25mm (1")	32mm (1-1/4")	40mm (1-1/2")	50mm (2")
W	42	51	60	70	80	92
H	65	78	93	107	125	149
H1	43	52	62	71	80	99
H2	22	26	31	36	45	51
D	31	36	47	55	63	76
d	15	20	25	32	40	50
L	83	100	113	120	141	154
L1	25	30	35	34	38	38



KDJ-100

單把手塑膠球閥 TWO PIECE BALL VALVE (2½" - 6")

Applications

- Pressure rating: 150 PSI @23°C(73.4°F)
- 100% full flow design
- Lower torque and easy to operate

應用說明

- 工作壓力：150 PSI @ 23°C (73.4°F)
- 100%全流量設計
- 低扭力單把手設計，開關方便

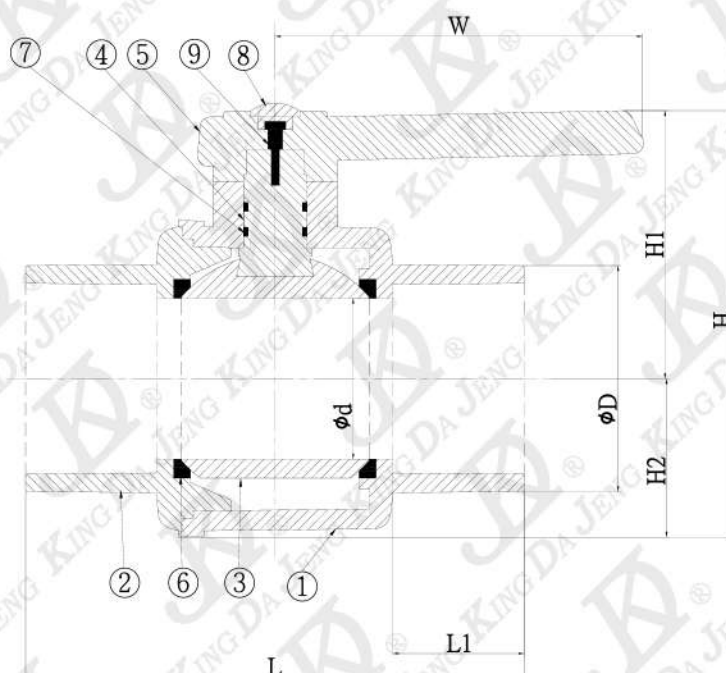
End Type

Socket / Threaded / Flanged

Size	Q'TY / CTN
2 ½"	16
3"	12
3 ½"	12
4"	6
5"	6
6"	3

No.	Part	Q'TY	Material
1.	BODY	1	PVC, CPVC, ABS, PP
2.	CAP	1	PVC, CPVC, ABS, PP
3.	BALL	1	PVC, CPVC, ABS, PP
4.	STEM	1	PVC, CPVC, ABS, PP
5.	HANDLE	1	PVC, CPVC, ABS
6.	SEAT SEAL	2	EPDM, PTFE, TPV, NBR
7.	STEM O-RING	2	EPDM, NBR, FPM
8.	LABEL	1	PVC, ABS
9.	SCREW	1	IRON, SUS 304

SIZE NOM.	65mm (2-1/2")	80mm (3")	90mm (3-1/2")	100mm (4")	125mm (5")	150mm (6")
W	171	171	171	190	190	251
H	180	201	201	245	245	305
H1	113	126	126	152	152	186
H2	67	75	75	93	93	119
D	91	107	118	134	161	190
d	65	80	90	100	125	150
L	207	235	234	317	347	469
L1	58	62	61	89	102	136



KDJ-200

不鏽鋼把手塑膠球閥

TWO PIECE BALL VALVE STAINLESS STEEL HANDLE

Applications

- Pressure rating: 150 PSI @23°C(73.4°F)
- 100% full flow design
- Lower torque and easy to operate
- Stainless steel material (SUS 304) is durable and resistant to rust.

應用說明

- 工作壓力：150 PSI @ 23°C (73.4°F)
- 100%全流量設計
- 低扭力單把手設計，開關方便
- SUS304材質，耐用且不易生鏽

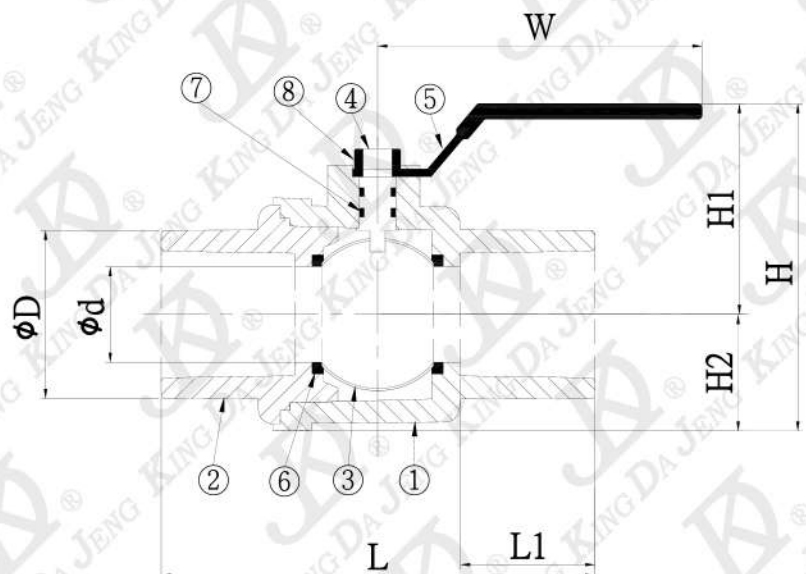
End Type

Socket / Threaded / Flanged

Size	Q'TY/CTN
1/2"	270
3/4"	180
1"	120
1 1/4"	72
1 1/2"	36
2"	30
2 1/2"	16
3"	12
3 1/2"	12
4"	6
5"	6
6"	3

No.	Part	Q'TY	Material
1.	BODY	1	PVC, CPVC, ABS, PP
2.	CAP	1	PVC, CPVC, ABS, PP
3.	BALL	1	SUS 304, CHROMED ABS, PVC
4.	STEM	1	SUS 304, BRASS
5.	HANDLE	1	SUS 304
6.	SEAT SEAL	2	EPDM, PTFE, TPV, NBR
7.	STEM O-RING	2	EPDM, NBR, FPM
8.	NUT	1	SUS 304

BALL MATERIAL



SIZE NOM.	15mm (1/2")	20mm (3/4")	25mm (1")	32mm (1-1/4")	40mm (1-1/2")	50mm (2")	65mm (2-1/2")	80mm (3")	90mm (3-1/2")	100mm (4")	125mm (5")	150mm (6")
W	66	85	85	85	124	124	173	173	173	204	204	270
H	63	75	84	94	121	134	174	195	195	228	228	287
H1	41	49	53	58	76	84	107	120	120	135	135	168
H2	22	26	31	36	45	51	67	75	75	93	93	119
D	31	36	47	55	63	76	91	107	118	134	161	190
d	15	20	25	32	40	50	65	80	90	100	125	150
L	83	100	113	120	141	154	207	235	234	317	347	469
L1	25	30	35	34	38	38	58	62	61	89	102	136

KDJ-100M

單把手塑膠球閥(單邊外牙)

TWO PIECE BALL VALVE (MALE THREADED X SOCKET)

Applications

- Pressure rating: 150 PSI @23°C(73.4°F)
- 100% full flow design
- Lower torque and easy to operate

應用說明

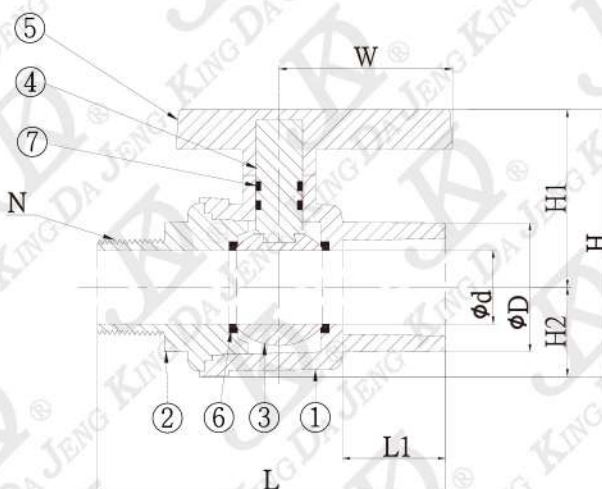
- 工作壓力：150 PSI @ 23°C (73.4°F)
- 100%全流量設計
- 低扭力單把手設計，開關方便

End Type

Socket / Threaded / Flanged

Male(T) x (S) SIZE	Q'TY/CTN
1/2" x 1/2"	270
3/4" x 3/4"	180
1" x 1"	120
1 1/2" x 1 1/2"	36
2" x 2"	30
1" x 3/4"	120
1 1/2" x 3/4"	120
1 1/2" x 1"	120
2" x 1 1/2"	30

No.	Part	Q'TY	Material
1.	BODY	1	PVC, CPVC, ABS, PP
2.	MALE CAP	1	PVC, CPVC, ABS, PP
3.	BALL	1	PVC, CPVC, ABS, PP
4.	STEM	1	PVC, CPVC, ABS, PP
5.	HANDLE	1	PVC, CPVC, ABS
6.	SEAT SEAL	2	EPDM, PTFE, TPV, NBR
7.	STEM O-RING	2	EPDM, NBR, FPM



SIZE NOM.	1/2" x 1/2"	3/4" x 3/4"	1" x 1"	1 1/2" x 1 1/2"	2" x 2"	1" x 3/4"	1 1/2" x 3/4"	1 1/2" x 1"	2" x 1 1/2"
W	42	50	60	80	92	60	80	80	92
H	60	77	84	123	135	84	84	84	135
H1	38	51	54	79	85	54	54	54	85
H2	22	26	30	45	50	30	30	30	50
D	31	36	46	63	75	46	46	46	75
d	15	20	25	40	50	25	25	25	50
L	89	106	119	145	163	119	124	124	163
L1	26	27	36	43	44	36	36	36	44



KDJ-200M 不鏽鋼把手塑膠球閥(單邊外牙)

TWO PIECE BALL VALVE STAINLESS STEEL HANDLE (MALE THREADED X SOCKET)

Applications

- Pressure rating: 150 PSI @23°C(73.4°F)
- 100% full flow design
- Lower torque and easy to operate
- Stainless steel material (SUS 304) is durable and resistant to rust.

應用說明

- 工作壓力：150 PSI @ 23°C (73.4°F)
- 100%全流量設計
- 低扭力單把手設計，開關方便
- SUS304材質，耐用且不易生鏽。

End Type

Socket / Threaded / Flanged

Male(T)x(S) SIZE	Q'TY/CTN
1/2" x 1/2"	270
3/4" x 3/4"	180
1" x 1"	120
1 1/2" x 1 1/2"	36
2" x 2"	30
1" x 3/4"	120
1 1/2" x 3/4"	120
1 1/2" x 1"	120
2" x 1 1/2"	30

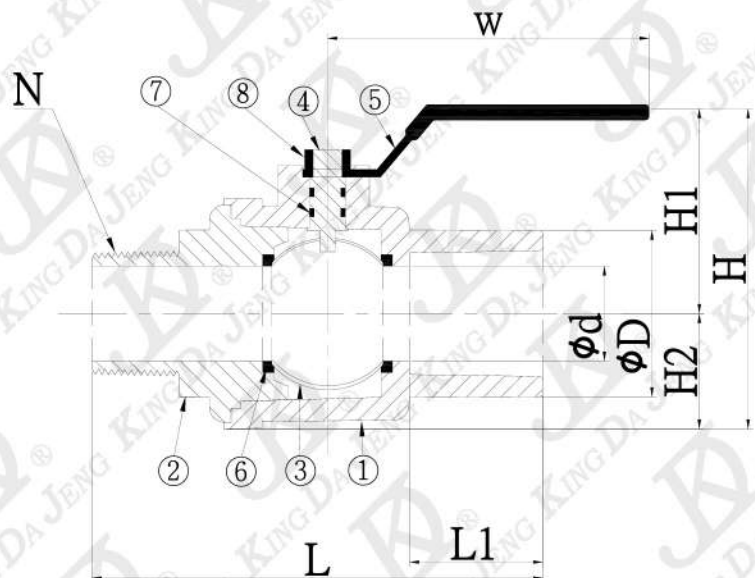
No.	Part	Q'TY	Material
1.	BODY	1	PVC, CPVC, ABS, PP
2.	MALE CAP	1	PVC, CPVC, ABS, PP
3.	BALL	1	SUS 304, CHROMED ABS, PVC
4.	STEM	1	SUS 304, BRASS
5.	HANDLE	1	SUS 304
6.	SEAT SEAL	2	EPDM, PTFE, TPV, NBR
7.	STEM O-RING	2	EPDM, NBR, FPM
8.	NUT	1	SUS 304

BALL MATERIAL

SUS 304
不鏽鋼球

CHROMED ABS
電鍍球

PVC
PVC球



SIZE NOM.	1/2" x 1/2"	3/4" x 3/4"	1" x 1"	1 1/2" x 1 1/2"	2" x 2"	1" x 3/4"	1 1/2" x 3/4"	1 1/2" x 1"	2" x 1 1/2"
W	59	77	77	113	113	77	77	77	113
H	60	77	84	123	135	84	84	84	135
H1	38	51	54	79	85	54	54	54	85
H2	22	26	30	45	50	30	30	30	50
D	31	36	46	63	75	46	46	46	75
d	15	20	25	40	50	25	25	25	50
L	89	106	119	145	163	119	124	124	163
L1	26	27	36	43	44	36	36	36	44

KDJ-100F 單把手塑膠球閥 - 法蘭接口

TWO PIECE BALL VALVE - FLANGED

Applications

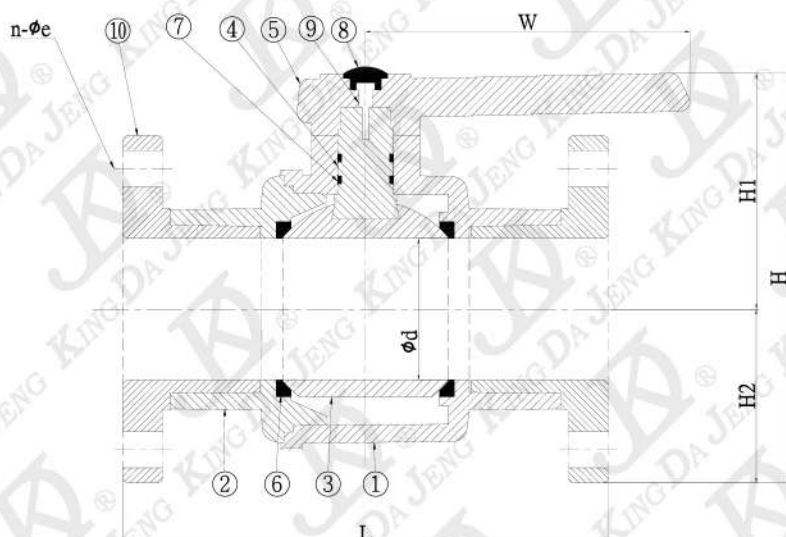
- Pressure rating: 150 PSI @23°C(73.4°F)
- 100% full flow design
- Lower torque and easy to operate
- Flanged end connections design, easy to disassemble and maintain. No need to cut the pipe.

應用說明

- 工作壓力：150 PSI @ 23°C (73.4°F)
- 100%全流量設計
- 低扭力單把手設計，開關方便
- 法蘭接口設計方便拆裝保養，不須鋸管

End Type

Flanged



No.	Part	Q'TY	Material
1.	BODY	1	PVC, CPVC, ABS, PP
2.	CAP	1	PVC, CPVC, ABS, PP
3.	BALL	1	PVC, CPVC, ABS, PP
4.	STEM	1	PVC, CPVC, ABS, PP
5.	HANDLE	1	PVC, CPVC, ABS
6.	SEAT SEAL	2	EPDM, PTFE, TPV, NBR
7.	STEM O-RING	2	EPDM, NBR, FPM
8.	LABEL	1	PVC, ABS
9.	SCREW	1	IRON, SUS 304
10.	FLANGE	2	PVC, CPVC, ABS, PP

SIZE NOM.	50mm (2")	65mm (2-1/2")	80mm (3")	100mm (4")	125mm (5")	150mm (6")
W	92	171	171	190	190	251
H	175	209	220	265	286	318
H1	98	121	127	160	161	179
H2	78	88	94	105	125	140
d	50	65	80	100	125	150
L	201	221	260	339	396	533



KDJ-200F 不鏽鋼把手塑膠球閥 - 法蘭接口

TWO PIECE BALL VALVE STAINLESS STEEL HANDLE - FLANGED

Applications

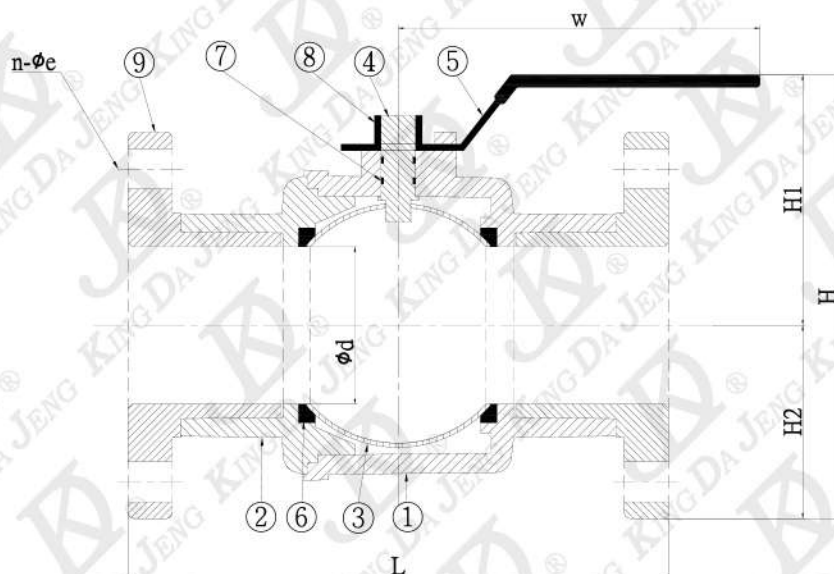
- Pressure rating: 150 PSI @23°C(73.4°F)
- 100% full flow design
- Lower torque and easy to operate
- Flanged end connections design, easy to disassemble and maintain. No need to cut the pipe.

應用說明

- 工作壓力：150 PSI @ 23°C (73.4°F)
- 100%全流量設計
- 低扭力單把手設計，開關方便
- 法蘭接口設計方便拆裝保養，不須鋸管

End Type

Flanged



No.	Part	Q'TY	Material
1.	BODY	1	PVC, CPVC, ABS, PP
2.	CAP	1	PVC, CPVC, ABS, PP
3.	BALL	1	SUS 304, CHROMED ABS, PVC
4.	STEM	1	SUS 304, BRASS
5.	HANDLE	1	SUS 304
6.	SEAT SEAL	2	EPDM, PTFE, TPV, NBR
7.	STEM O-RING	2	EPDM, NBR, FPM
8.	NUT	1	SUS 304
9.	FLANGE	2	PVC, CPVC, ABS, PP

SIZE NOM.	50mm (2")	65mm (2-1/2")	80mm (3")	100mm (4")	125mm (5")	150mm (6")
W	124	173	173	204	204	270
H	161	195	214	240	260	308
H1	84	107	120	135	135	168
H2	78	88	94	105	125	140
d	50	65	80	100	125	150
L	201	221	260	339	396	533



KDJ-300

逆止閥(彈簧式中間閥) SPRING CHECK VALVE

Applications

- 100% full flow design
- Easy to disassemble and replace
- Long product lifetime
- Prevents back flow, reduces unnecessary loss and motor consumption.
- SUS304 spring design, quick response and positive shutoff.
- Installed in various angles: vertical, horizontal and inclined installation.

應用說明

- 100%全流量設計
- 零件易拆解更換，使用壽命長
- 防止回流，減少不必要流失及馬達消耗
- 內部SUS 304 彈簧設計，能快速反應完全關閉
- 適用於多種角度，直放、橫放、斜放皆可

End Type

Socket / Threaded / Flanged

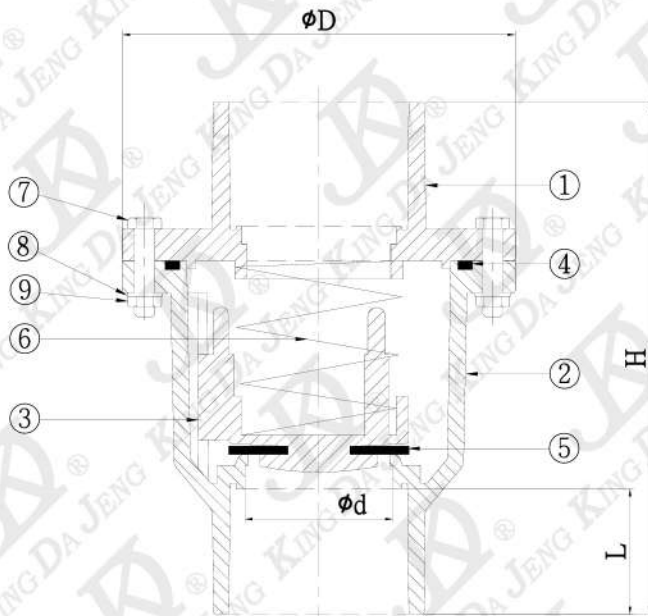
Size	Q'TY / CTN	備註
¾"	120	彈簧式 SPRING
1"	80	彈簧式 SPRING
1 ¼"	80	彈簧式 SPRING
1 ½"	50	彈簧式 SPRING
2"	30	彈簧式 SPRING

No.	Part	QTY	Material
1.	LOWER BODY	1	PVC, CPVC, ABS, PP
2.	UPPER BODY	1	PVC, CPVC, ABS, PP
3.	PLUG	1	PVC, CPVC, ABS, PP
4.	O-RING	1	EPDM, NBR, FPM
5.	SEAL	1	EPDM, NBR, FPM
6.	SPRING	1	SUS 304, SUS 316
7.8.9	BOLT SETS	4-6	STEEL, SUS 304, SUS 316

SIZE NOM.	20mm (¾")	25mm (1")	32mm (1-¼")	40mm (1-½")	50mm (2")
H	97	112	117	141	173
L	25	30	33	38	44
D	74	91	90	104	133
d	20	25	32	40	50



※逆止閥彈簧式水平和垂直方向皆可安裝※
※Check valve spring type can be installed vertically or horizontally.※



KDJ-300

逆止閥(全開式中間閥) SWING CHECK VALVE

Applications

- 100% full flow design
- Quick response and positive shutoff.
- Prevents back flow, reduces friction loss.
- Easy to disassemble and replace
- Long product lifetime
- Full port with special slope design, can be installed in any angle.

應用說明

- 100%全流量設計，能快速反應完全關閉，防止回流，減少流量損失
- 零件易拆解更換，使用壽命長
- 全開式流量口特殊斜度設計，依水流方向適用於各種角度安裝，直放、橫放、斜放皆可

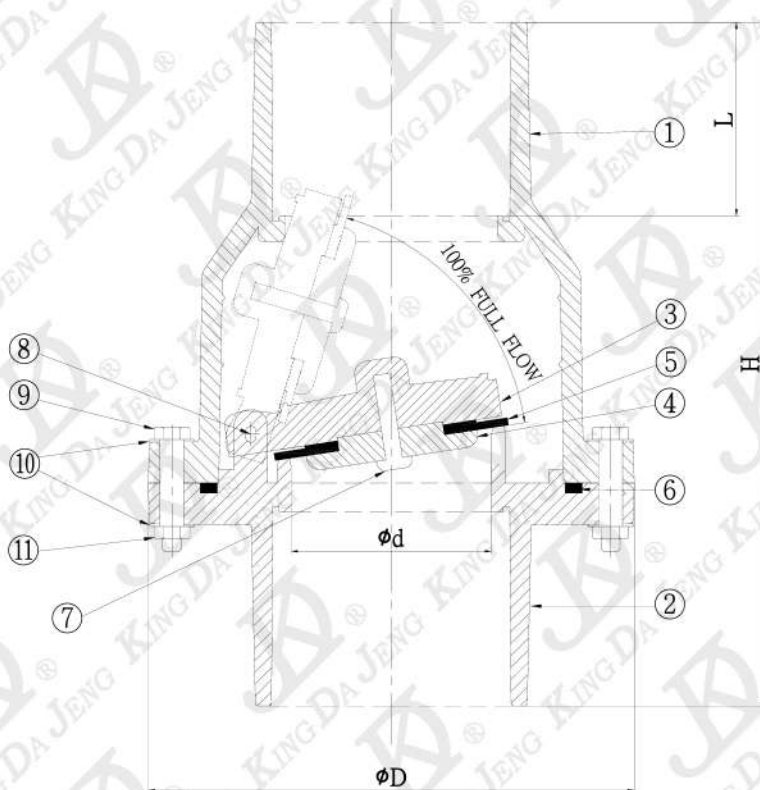
End Type

Socket / Threaded / Flanged

Size	Q'TY / CTN	備 註
2"	30	全開式 SWING
2 1/2"	16	全開式 SWING
3"	12	全開式 SWING
4"	6	全開式 SWING
5"	6	全開式 SWING
6"	2	全開式 SWING

No.	Part	Q'TY	Material
1.	UPPER BODY	1	PVC, CPVC, ABS, PP
2.	LOWER BODY	1	PVC, CPVC, ABS, PP
3.	UPPER DISC	1	PVC, CPVC, ABS, PP
4.	LOWER DISC	1	PVC, CPVC, ABS, PP
5.	SEAL	1	EPDM, NBR, FPM
6.	O-RING	1	EPDM, NBR, FPM
7.	SCREW	1	SUS 304, SUS 316
8.	SHAFT	1	SUS 304, SUS 316
9,10,11	BOLT SETS	6-12	STEEL, SUS 304, SUS 316

SIZE NOM.	50mm (2")	65mm (2-1/2")	80mm (3")	100mm (4")	125mm (5")	150mm (6")
H	173	220	257	311	330	437
L	44	59	73	92	101	121
D	133	165	182	215	215	284
d	50	65	80	100	100	150



KDJ-300F 逆止閥(全開式中間閥) - 法蘭接口

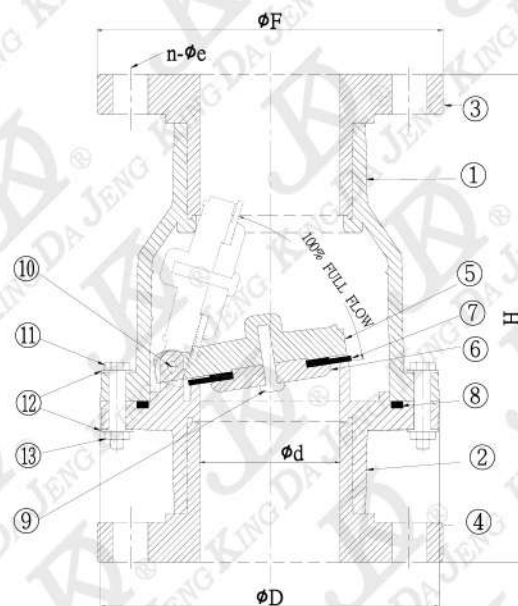
SWING CHECK VALVE - FLANGED

Applications

- 100% full flow design
- Quick response and positive shutoff.
- Prevents back flow, reduces friction loss.
- Flanged end connections, easy maintenance.
- Full port with special slope design, can be installed in any angle.

應用說明

- 100%全流量設計，能快速反應完全關閉，防止回流，減少流量損失
- 法蘭接口設計，方便拆裝保養維修零件易拆解更換，使用壽命長
- 全開式流量口特殊斜度設計，依水流方向適用於各種角度安裝，直放、橫放、斜放皆可

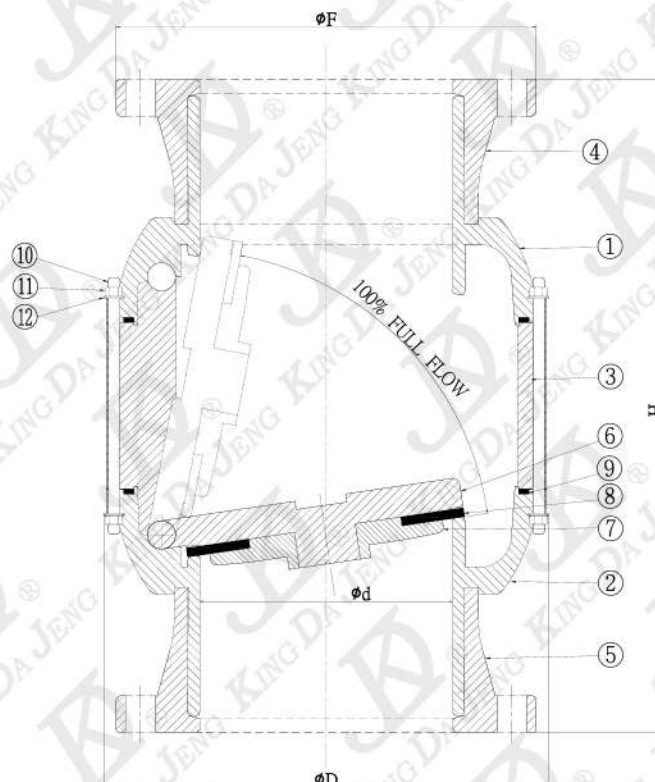


Size	Q'TY/CTN	備 註
2"	12	全開式 SWING
2 1/2"	8	全開式 SWING
3"	8	全開式 SWING
4"	4	全開式 SWING
5"	4	全開式 SWING
6"	2	全開式 SWING
8"	1	全開式 SWING

SIZE NOM.	50mm (2")	65mm (2-1/2")	80mm (3")	100mm (4")	125mm (5")	150mm (6")	200mm (8")
F	150	175	186	210	249	279	329
H	217	222	261	311	345	433	506
D	133	165	182	215	214	286	352
d	50	65	80	100	100	150	200

SIZE : 2" ~ 6"			
No.	Part	Q'TY	Material
1.	UPPER BODY	1	PVC, CPVC, ABS, PP
2.	LOWER BODY	1	PVC, CPVC, ABS, PP
3.	UPPER FLANGE	1	PVC, CPVC, ABS, PP
4.	LOWER FLANGE	1	PVC, CPVC, ABS, PP
5.	UPPER DISC	1	PVC, CPVC, ABS, PP
6.	LOWER DISC	1	PVC, CPVC, ABS, PP
7.	SEAL	1	EPDM, NBR, FPM
8.	O-RING	1	EPDM, NBR, FPM
9.	SCREW	1	SUS 304, SUS 316
10.	SHAFT	1	SUS 304, SUS 316
11, 12, 13.	BOLT SETS	6-12	STEEL, SUS 304, SUS 316

SIZE : 8"			
No.	Part	Q'TY	Material
1.	UPPER BODY	1	PVC, CPVC, ABS, PP
2.	LOWER BODY	1	PVC, CPVC, ABS, PP
3.	MIDDLE BODY	1	PVC, CPVC, ABS, PP
4.	UPPER FLANGE	1	PVC, CPVC, ABS, PP
5.	LOWER FLANGE	1	PVC, CPVC, ABS, PP
6.	UPPER DISC	1	PVC, CPVC, ABS, PP
7.	LOWER DISC	1	PVC, CPVC, ABS, PP
8.	SEAL	1	EPDM, NBR, FPM
9.	O-RING	2	EPDM, NBR, FPM
10, 11, 12.	BOLT SETS	16	STEEL, SUS 304, SUS 316



KDJ-400

底閥(長型福特閥) SPRING FOOT VALVE

Applications

- 100% full flow design, reduces friction loss.
- SUS304 spring design, quick response and positive shutoff, eliminating the surge pressure from rapid liquid backflow.
- Bottom mesh design filters out debris in the liquid, protecting the motor and extending its lifespan.
- Suitable for vertical, horizontal, and multiple angle installations, convenient operation.

應用說明

- 100%全流量設計，減少流量損失
- 不銹鋼彈簧快速閉合，消除液體瞬間快速回流的衝力
- 底部網狀設計可過濾液體中雜物，保護馬達並延長壽命
- 可供直式、橫式、多重角度安裝使用，操作方便

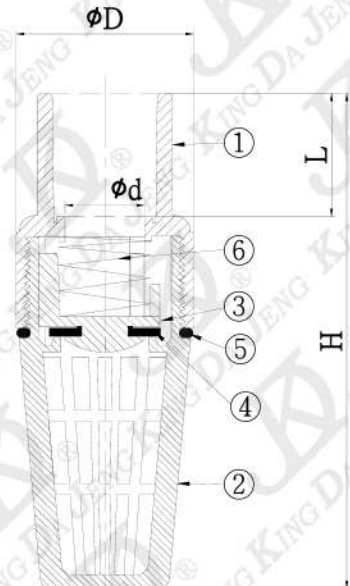
End Type

Socket / Threaded

Size	Q'TY / CTN	備註
3/4"	120	彈簧式(長形福特) SPRING
1"	100	彈簧式(長形福特) SPRING
1 1/4"	100	彈簧式(長形福特) SPRING
1 1/2"	40	彈簧式(長形福特) SPRING
2"	40	彈簧式(長形福特) SPRING

No.	Part	Q'TY	Material
1.	UPPER BODY	1	PVC, CPVC, ABS, PP
2.	FILTER	1	PVC, CPVC, ABS, PP
3.	PLUG	1	PVC, CPVC, ABS, PP
4.	SEAL	1	EPDM, NBR, FPM
5.	O-RING	1	EPDM, NBR, FPM
6.	SPRING	1	SUS 304, SUS 316

SIZE NOM.	20mm (3/4")	25mm (1")	32mm (1-1/4")	40mm (1-1/2")	50mm (2")
H	139	155	158	208	214
L	31	41	44	51	57
D	46	56	56	79	79
d	20	25	32	40	50



KDJ-400

底閥(全開式福特閥) SWING FOOT VALVE

Applications

- 100% full flow design
- Quick response and positive shutoff.
- Prevents back flow, reduces friction loss.
- Easy to disassemble and replace
- Long product lifetime
- Full port with special slope design, can be installed in any angle.
- Bottom mesh design filters out debris in the liquid, protecting the motor and extending its lifespan.

應用說明

- 100%全流量設計，能快速反應完全關閉防止回流，減少流量損失
- 零件易拆裝，維修更換，使用壽命長
- 全開式流量口特殊斜度設計，依水流方向適用於各種角度安裝，直放、橫放、斜放皆可
- 底部網狀設計可過濾液體中雜物，保護馬達並延長壽命

End Type

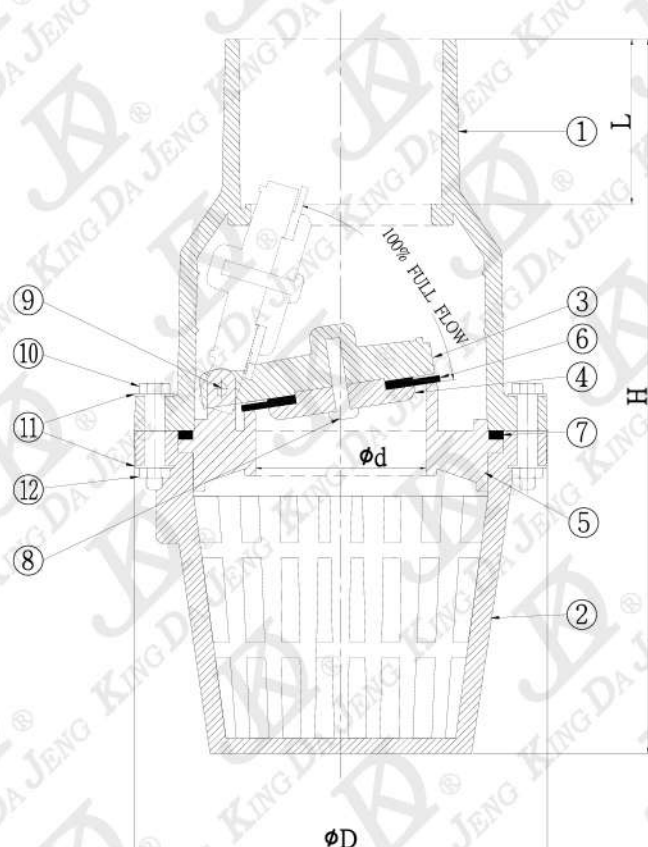
Socket / Threaded



Size	Q'TY / CTN	備註
2 1/2"	16	全開式 SWING
3"	12	全開式 SWING
4"	6	全開式 SWING
5"	6	全開式 SWING
6"	2	全開式 SWING

No.	Part	Q'TY	Material
1.	UPPER BODY	1	PVC, CPVC, ABS, PP
2.	FILTER	1	PVC, CPVC, ABS, PP
3.	UPPER DISC	1	PVC, CPVC, ABS, PP
4.	LOWER DISC	1	PVC, CPVC, ABS, PP
5.	CONNECTOR SEAL	1	PVC, CPVC, ABS, PP
6.	SEAL	1	EPDM, NBR, FPM
7.	O-RING	1	EPDM, NBR, FPM
8.	SCREW	1	SUS 304, SUS 316
9.	SHAFT	1	SUS 304, SUS 316
10.11.12.	BOLT SETS	8~12	STEEL, SUS 304, SUS 316

SIZE NOM.	65mm (2-1/2")	80mm (3")	100mm (4")	125mm (5")	150mm (6")
H	276	312	359	370	507
L	59	73	92	102	121
D	165	182	214	214	284
d	65	80	100	100	150



KDJ-400F 底閥(全開式福特閥) - 法蘭接口

SWING FOOT VALVE - FLANGED

Applications

- 100% full flow design
- Quick response and positive shutoff.
- Prevents backflow, reduces friction loss.
- Flanged end connections, easy maintenance.
- Full port with special slope design, can be installed in any angle.
- Bottom mesh design filters out debris in the liquid, protecting the motor and extending its lifespan.

應用說明

- 100%全流量設計，能快速反應完全關閉防止回流，減少流量損失
- 法蘭接口設計，方便拆裝保養維修，零件更換，使用壽命長
- 全開式流量口特殊斜度設計，依水流方向適用於各種角度安裝，直放、橫放、斜放皆可
- 底部網狀設計可過濾液體中雜物，保護馬達並延長壽命

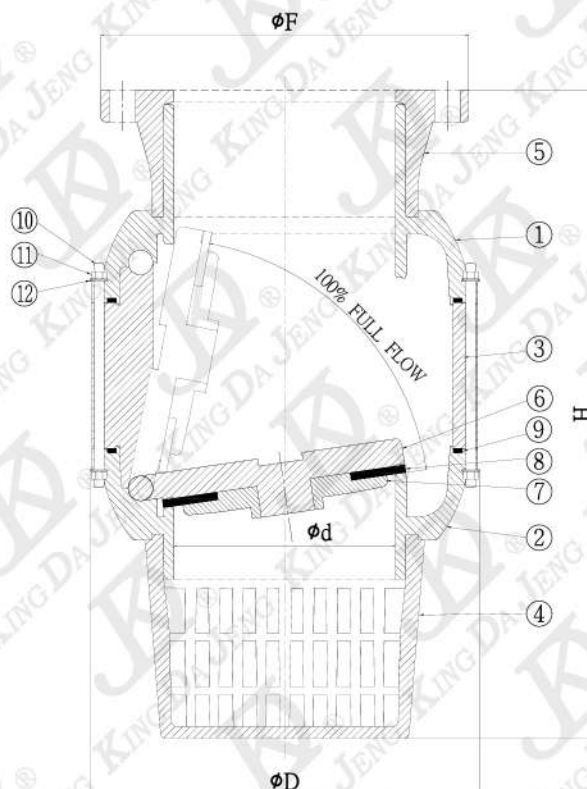
End Type

Flanged

Size	Q'TY / CTN	備註
2"	18	全開式 SWING
2 1/2"	8	全開式 SWING
3"	8	全開式 SWING
4"	4	全開式 SWING
5"	4	全開式 SWING
6"	2	全開式 SWING
8"	1	全開式 SWING

SIZE NOM.	65mm (2-1/2")	80mm (3")	100mm (4")	125mm (5")	150mm (6")	200mm (8")
F	175	186	210	250	278	329
H	276	361	360	379	506	577
D	165	182	214	214	286	352
d	65	80	100	100	150	200

SIZE : 2" ~ 6"			
No.	Part	QTY	Material
1.	UPPER BODY	1	PVC, CPVC, ABS, PP
2.	FILTER	1	PVC, CPVC, ABS, PP
3.	UPPER FLANGE	1	PVC, CPVC, ABS, PP
4.	UPPER DISC	1	PVC, CPVC, ABS, PP
5.	LOWER DISC	1	PVC, CPVC, ABS, PP
6.	CONNECTOR SEAL	1	PVC, CPVC, ABS, PP
7.	SEAL	1	EPDM, NBR, FPM
8.	O-RING	1	EPDM, NBR, FPM
9.	SCREW	1	SUS 304, SUS 316
10.	SHAFT	1	SUS 304, SUS 316
11, 12, 13.	BOLT SETS	6-12	STEEL, SUS 304, SUS 316



SIZE : 8"			
No.	Part	QTY	Material
1.	UPPER BODY	1	PVC, CPVC, ABS, PP
2.	LOWER BODY	1	PVC, CPVC, ABS, PP
3.	MIDDLE BODY	1	PVC, CPVC, ABS, PP
4.	FILTER	1	PVC, CPVC, ABS, PP
5.	UPPER FLANGE	1	PVC, CPVC, ABS, PP
6.	UPPER DISC	1	PVC, CPVC, ABS, PP
7.	LOWER DISC	1	PVC, CPVC, ABS, PP
8.	SEAL	1	EPDM, NBR, FPM
9.	O-RING	2	EPDM, NBR, FPM
10, 11, 12.	BOLT SETS	16	STEEL, SUS 304, SUS 316

KDJ-500

雙邊由令球閥 DOUBLE UNION BALL VALVE

Applications

- Pressure rating: 150 PSI @23°C(73.4°F)
- Standard port design
- Adjustable seat tightness
- Easy to disassemble
- Less working time for replacement and maintenance
- Inserted nut type could be installed with Actuator
- Standard product is without inserted nut

應用說明

- 工作壓力：150 PSI @ 23°C (73.4°F)
- 標準流量設計
- 雙由令設計可同時當由令閥門使用
- 墊座鬆緊可做適度調整
- 不需使用特殊工具即可快速裝配
- 可埋入鋼柱加裝自動控制器
- 標準品未埋入鋼柱

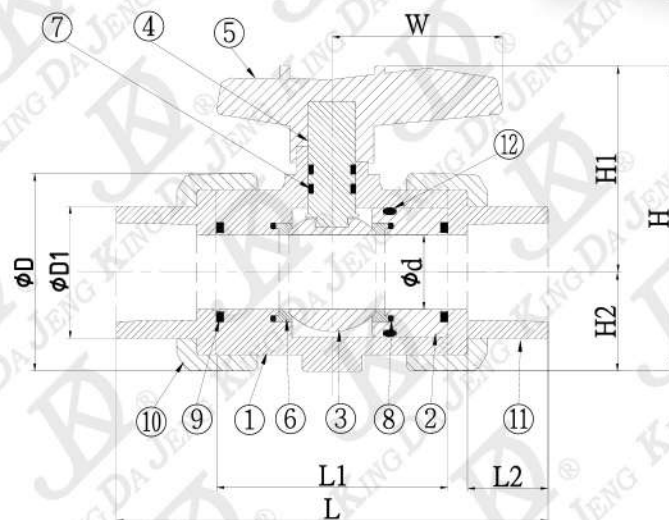
End Type

Socket / Threaded / Flanged

Size	Q'TY / CTN
1/2"	108
3/4"	72
1"	54
1 1/4"	30
1 1/2"	30
2"	16
2 1/2"	16
3"	8
4"	6

No.	Part	Q'TY	Material
1.	BODY	1	PVC, CPVC, ABS, PP
2.	SEAL CARRIER	1	PVC, CPVC, ABS, PP
3.	BALL	1	PVC, CPVC, ABS, PP
4.	STEM	1	PVC, CPVC, ABS, PP
5.	HANDLE	1	PVC, CPVC, ABS, PP
6.	SEAT SEAL	2	PTFE, TPV, EPDM, NBR
7.	STEM O-RING	2	EPDM, NBR, FPM
8.	BODY O-RING	2	EPDM, NBR, FPM
9.	UNION O-RING	2	EPDM, NBR, FPM
10.	UNION NUT	2	PVC, CPVC, ABS, PP
11.	END CONNECTOR	2	PVC, CPVC, ABS, PP
12.	CARRIER O-RING	1	EPDM, NBR, FPM

SIZE NOM.	15mm (1/2")	20mm (3/4")	25mm (1")	32mm (1-1/4")	40mm (1-1/2")	50mm (2")	65mm (2-1/2")	80mm (3")	100mm (4")
W	46	57	66	75	86	97	97	119	142
H1	52	61	71	81	95	116	116	139	184
H2	23	25	33	41	49	60	60	81	110
H	75	89	104	122	144	176	176	220	294
L1	61	73	78	87	94	114	114	149	177
L2	23	26	28	33	35	38	42	49	60
L	114	133	146	167	174	204	212	264	310
D	46	55	67	82	98	120	120	161	219
D1	31	37	45	54	64	78	90	107	134
d	15	20	25	32	40	65	80	90	100



KDJ-510

氣動式/電動式雙邊由令球閥

PNEUMATIC / ELECTRIC ACTUATOR DOUBLE UNION BALL VALVE

Applications

- Pressure rating:
150 PSI @ 23°C (73.4°F)
- Pneumatic actuator specification meets with ISO 5211, DIN 3337, VDI / VDE 3845, NAMUR, easy to assemble solenoid valve, limit switches and other accessories.
- For double acting and spring return actuators, the maximum supply pressure is 8 Bar (116 PSI), minimum supply pressure is 2.5 Bar (36 PSI) (Refer to actuator manufacturer's data if necessary)
- Electric actuator operation voltage 1-phase 110 / 220 V
3-phase 220 / 380 / 460 V
- Electric actuator could manually operate w/o clutch and break



應用說明

- 工作壓力：150 PSI @ 23°C (73.4°F)
- 氣動驅動器建議最大進氣空壓 8 Bar(116PSI),最小2.5 Bar(36PSI)
- 氣動驅動器規格符合：ISO 5211
DIN 3337, VDI / VDE 3845,
NAMUR可加裝電磁閥、微動開關
及其中附屬配件。
- 操作電壓：AC單相 110 / 220V,
三相 220 / 380 / 460V
- 電動換手動操作時，不須離合器及
煞車即可操作
(詳細資料可參考氣壓缸製造商資料)

※上方平台設計可加裝氣動或電動驅動器※
※Pneumatic Actuator / Electric Actuator is suitable※

End Type

Socket / Threaded / Flanged



KDJ-500F 雙邊由令球閥 - 法蘭接口

DOUBLE UNION BALL VALVE - FLANGED

Applications

- Pressure rating: 150 PSI @23°C (73.4°F)
- Standard port desing
- Adjustable seat tightness
- Easy to disassemble by handle
- Less on-line down time for replacement / maintenance
- Actuator could be installed with inserted nut type
- Standard product is without inserted nut
- Flanged end connections, easy to disassemble and maintenance.

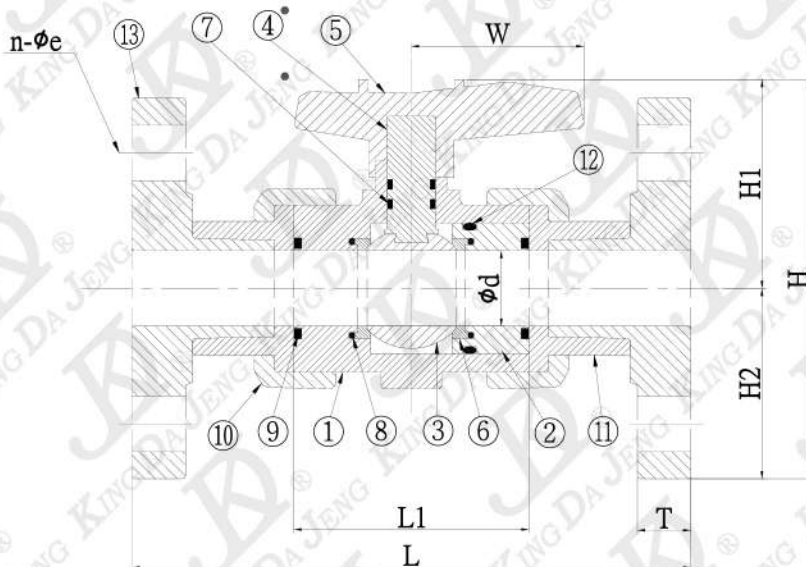
應用說明

- 工作壓力：150 PSI @ 23°C (73.4°F)
- 標準流量設計
- 雙由令設計可同時當由令閥門使用
- 墊座鬆緊可做適度調整
- 不須使用特殊工具即可快速裝配
- 可埋入銅柱加裝自動控制器
- 標準品未埋入銅柱
- 法蘭接口設計，方便拆裝、維修保養零件更換



End Type

Flanged



No.	Part	Q'TY	Material
1.	BODY	1	PVC, CPVC, ABS, PP
2.	SEAL CARRIER	1	PVC, CPVC, ABS, PP
3.	BALL	1	PVC, CPVC, ABS, PP
4.	STEM	1	PVC, CPVC, ABS, PP
5.	HANDLE	1	PVC, CPVC, ABS, PP
6.	SEAT SEAL	2	PTFE, TPV, EPDM, NBR
7.	STEM O-RING	2	EPDM, NBR, FPM
8.	BODY O-RING	2	EPDM, NBR, FPM
9.	UNION O-RING	2	EPDM, NBR, FPM
10.	UNION NUT	2	PVC, CPVC, ABS, PP
11.	END CONNECTOR	2	PVC, CPVC, ABS, PP
12.	CARRIER O-RING	1	EPDM, NBR, FPM
13.	FLANGE	2	PVC, CPVC, ABS, PP

SIZE NOM.	15mm (1/2")	20mm (3/4")	25mm (1")	32mm (1-1/4")	40mm (1-1/2")	50mm (2")	65mm (2-1/2")	80mm (3")	100mm (4")
W	46	57	66	75	86	97	97	119	142
H1	61	73	78	87	94	114	114	149	177
H2	49	50	63	68	71	78	88	93	105
H	109	123	141	154	165	191	202	242	282
L1	61	73	78	87	94	114	114	149	177
L	145	168	184	203	228	250	266	316	371
T	14	115	15	16	16	20	22	22	22
d	15	20	25	32	40	65	80	90	100

KDJ-600

雙邊由令球型逆止閥

DOUBLE UNION BALL CHECK VALVE

Applications

- Pressure rating:
150 PSI @23°C (73.4°F)
- Minimum flow pressure: 5 PSI
- Vertically installed, the arrow mark should be upward.
- True union end type
- Easy maintenance
- Ball sealing desing, and to be able to seal hermetically.

應用說明

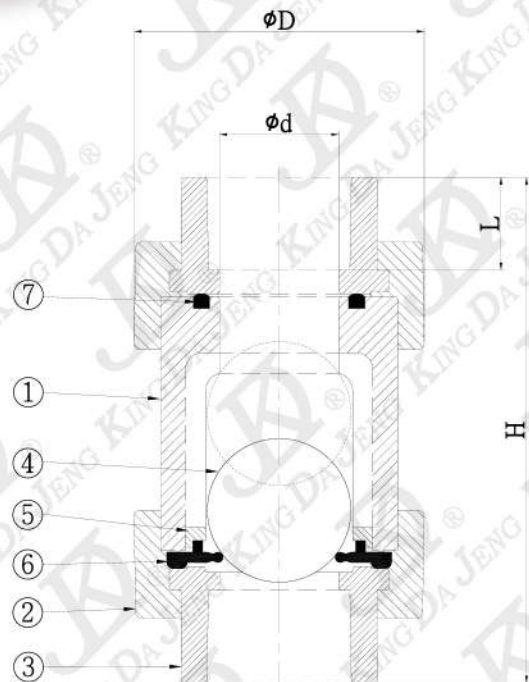
- 工作壓力：150 PSI @23°C (73.4°F)
- 最低開啟壓力：5 PSI
- 依流向箭頭指示垂直安裝
- 球體逆止設計，密封性佳

End Type

Socket / Threaded / Flanged

No.	Part	Q'TY	Material
1.	BODY	1	PVC, CPVC, PP, ABS
2.	UNION NUT	2	PVC, CPVC, PP, ABS
3.	END CONNECTOR	2	PVC, CPVC, PP, ABS
4.	BALL	1	PVC, CPVC, PP, ABS
5.	GLAND	1	PVC, CPVC, PP, ABS
6.	SEAL	1	EPDM, FPM, NBR
7.	O-RING	1	EPDM, FPM

SIZE NOM.	15mm (1/2")	20mm (3/4")	25mm (1")	32mm (1-1/4")	40mm (1-1/2")	50mm (2")
H	122	123	142	172	172	205
D	55	55	66	98	98	120
L	23	26	29	33	35	39
d	13	20	25	32	40	50



KDJ-610

單由令球型逆止閥

SINGLE UNION BALL CHECK VALVE

Applications

- Pressure rating:
1/2" ~ 2-1/2" 150 PSI
3" ~ 4" 100 PSI
@23°C (73.4°F)
- Minimum flow pressure: 2~4 PSI.
- Vertically installation, the arrow should be upward.
- True union end type.
- Easy maintenance.
- Ball sealing design to be able to seal hermetically.

應用說明

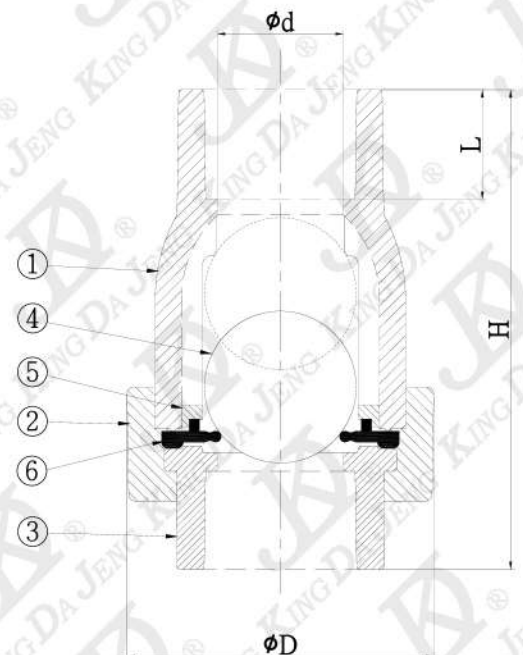
- 工作壓力：1/2"~ 2-1/2" 150 PSI
3"~ 4" 100 PSI
@23°C (73.4°F)
- 最低開啟壓力：2~4 PSI
- 依流向箭頭指示垂直安裝
- 球體逆止設計，密封性佳

End Type

Socket / Threaded / Flanged

No.	Part	Q'TY	Material
1.	BODY	1	PVC, CPVC, ABS, PP
2.	UNION NUT	1	PVC, CPVC, ABS, PP
3.	END CONNECTOR	1	PVC, CPVC, ABS, PP
4.	BALL	1	PVC, CPVC, ABS, PP
5.	GLAND	1	PVC, CPVC, ABS, PP
6.	SEAL	1	EPDM, FPM, NBR

SIZE NOM.	15mm (1/2")	20mm (3/4")	25mm (1")	32mm (1-1/4")	40mm (1-1/2")	50mm (2")	65mm (2-1/2")	80mm (3")	100mm (4")
H	108	108	120	154	154	178	186	262	321
D	55	55	66	98	98	120	120	162	220
L	23	26	29	33	35	39	42	49	61
d	13	20	25	32	40	50	50	80	100



※可加裝底籃過濾網，替換為KDJ-620單由令球型逆止閥（終端閥）※

※Can be fitted with a strainer and replaced with the KDJ-620 Single Union Ball Foot Valve.※



KDJ-700

把手式蝶閥

BUTTERFLY VALVE (HANDLE TYPE)

Applications

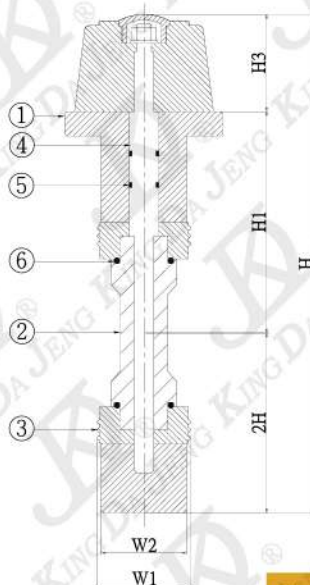
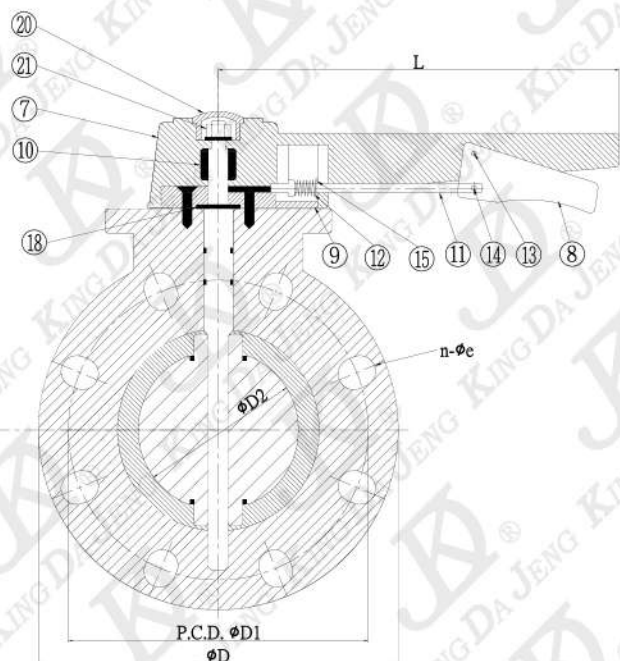
- Pressure rating: 2"~8" 150 PSI @23°C (73.4°F)
(Standard stem: SUS 410 + heat process.
Alternative material for stem: SUS 304/316)
- Compact and light-weight design
- Low flow loss
- The scale on top of the body can clearly indicate the opening angle.
- Ideally suited in a limited piping space

應用說明

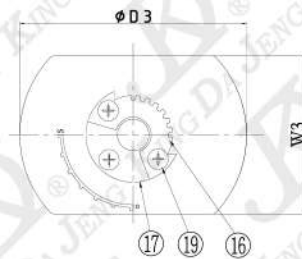
- 工作壓力: 2"~8" 150 PSI @23°C (73.4°F)
(標準中心柱材質SUS 410 + 熱處理, 亦可選用SUS 304/316 材質)
- 蝶片開啟角度可由刻度清楚顯示, 並可由齒輪片固定
- 全面型墊片密封設計, 安全性佳



※上方平台設計可加裝氣動或電動驅動器※
※Pneumatic Actuator / Electric Actuator is suitable※



Size	Q'TY / CTN
2"	10
2 1/2"	10
3"	8
4"	8
5"	8
6"	6
8"	4



NOM.	SIZE	50mm (2")	65mm (2-1/2")	80mm (3")	100mm (4")	125mm (5")	150mm (6")	200mm (8")
JIS	D1	120	140	150	175	210	240	290
	n-φe	4-φ19	4-φ19	8-φ19	8-φ19	8-φ23	8-φ23	12-φ23
ANSI	D1	121	140	152	191	216	241	299
	n-φe	4-φ19	4-φ19	4-φ19	8-φ19	8-φ23	8-φ23	8-φ23
DIN	D1	125	145	160	180	210	240	295
	n-φe	4-φ18	4-φ18	8-φ18	8-φ18	8-φ18	8-φ22	8-φ22
	D	166	185	200	228	257	288	343
	D2	57	70	80	103	130	150	202
	D3	107	120	125	144	164	170	201
	L	199	199	199	243	297	297	297
	H	243	264	276	313	374	408	467
	H1	101	113	117	141	164	179	209
	H2	83	92	100	114	129	144	172
	H3	59	59	59	58	82	85	85
	W1	43	47	47	58	68	70	85
	W2	39	44	45	54	63	65	79
	W3	95	95	95	100	110	101	122

No.	Part	Q'TY	Material
1.	BODY	1	UPVC, CPVC, ABS, PP
2.	DISC	1	UPVC, CPVC, ABS, PP
3.	SEAT	1	EPDM, FPM
4.	STEM	1	SUS
5.	STEM O-RING	2	EPDM, FPM
6.	DISC O-RING	2	EPDM, FPM
7.	LARGE HANDLE	1	ABS
8.	SMALL HANDLE	1	ABS
9.	SPRING LOCK	1	ABS
10.	HANDLE INSERT	1	SUS 304
11.	HANDLE LEVER	1	SUS 304
12.	SPRING	1	SUS 304
13.	SPRING PIN	1	SUS 304
14.	SPRING PIN	1	SUS 304
15.	WASHER	1	SUS 304
16.	LOCKING PLATE	1	SUS 304
17.	GEAR SEAT	1	ABS
18.	STEM WASHER	1	SUS 304
19.	BOLT	3	SUS 304
20.	LABEL	1	ABS
21.	INSERT NUT	1	SUS 304

KDJ-710

電動式蝶閥

ELECTRIC ACTUATOR BUTTERFLY VALVE

Applications

- Pressure rating:
2" ~ 10" 150 PSI
12" 100 PSI
14", 16" 86 PSI
18" 72 PSI
20" ~ 24" 51PSI
@23°C (73.4°F)
- Standard stem : SUS 410 + heat process.
Alternative material for stem: SUS 304/316
- Low flow loss
- The opening angle of the disc could be seen clearly through the position indicator.
- Fast / Efficient operation for automatic control system in a limited piping space
- Electric actuator operation voltage
1-phase 110 / 220 V,
3-phase 220 / 380 / 460 V
- Electric actuator could manually operate w/o clutch and break.

應用說明

- 工作壓力：2"~10" 150 PSI
12" 100 PSI
14", 16" 86 PSI
18" 72 PSI
20"~24" 51PSI
@23°C (73.4°F)
- 標準中心柱材質SUS 410 + 熱處理
亦可選用SUS 304/316 材質
- 蝶片開啟角度可經由位址顯示器取得
- 操作電壓：AC 單相 110 / 220 V
三相 220 / 380 / 460 V
- 電動換手動操作時，不須離合器及煞車即可操作



KDJ-710

氣動式蝶閥

PNEUMATIC ACTUATOR BUTTERFLY VALVE

Applications

- Pressure rating:
2" ~ 10" 150 PSI
12" 100 PSI
14", 16" 86 PSI
18" 72 PSI
20" ~ 24" 51PSI
@23°C (73.4°F)
- Standard stem : SUS 410 + heat process.
Alternative material for stem: SUS 304/316
- Low flow loss
- The opening angle of the disc could be seen clearly through the position indicator.
- Fast / Efficient operation for automatic control system in a limited piping space.
- Pneumatic actuator specification meets with ISO 5211, VDI / VDE 3845, DIN 3337, NAMUR, easy to assemble solenoid valve, limit switches and other accessories.
- For double acting and spring return actuators the maximum supply pressure is 8 Bar (116 PSI) minimum supply pressure is 2.5 Bar (36 PSI)

(Refer to actuator manufacturer's data if necessary)

應用說明

- 工作壓力：2"~10" 150 PSI
12" 100 PSI
14", 16" 86 PSI
18" 72 PSI
20"~24" 51PSI
@23°C (73.4°F)
- 標準中心柱材質SUS 410 + 熱處理
亦可選用SUS 304/316 材質
- 蝶片開啟角度可經由位址顯示器取得
- 氣動驅動器規格符合ISO 5211, DIN 3337, VDI / VDE 3845, NAMUR
可加裝電磁閥、微動開關及其他附屬配件
- 氣動驅動器建議最大進氣空壓
8 Bar (116 PSI) · 最小2.5 Bar (36PSI)
(詳細資料可參考氣壓缸製造商資料)





法蘭片 FLANGE (ONE PIECE FLANGE)

Applications

- Used for connecting pipelines of different materials.
- Easy connection with solvent cement.

應用說明

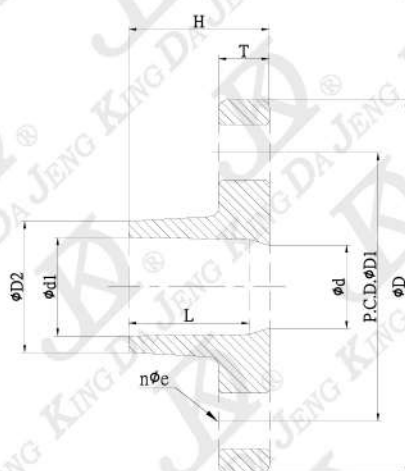
- 用於活接管路之處，對於不同材質之管路系統銜接轉換
- 拆裝方便

材質

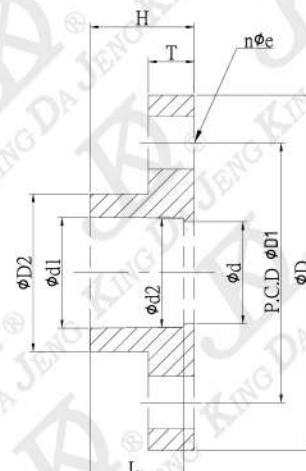
PVC, CPVC, ABS, PP



• JIS 10K FLANGE



• ANSI 150PSI FLANGE / DIN PN10



Size	Q'TY / CTN
1/2"	150
3/4"	144
1"	96
1 1/4"	72
1 1/2"	60
2"	48
2 1/2"	36
3"	30
4"	24
5"	16
6"	12
8"	8
10"	4
12"	2

ANSI 150PSI

SIZE NOM.	15mm (1/2")	20mm (3/4")	25mm (1")	32mm (1-1/4")	40mm (1-1/2")	50mm (2")	65mm (2-1/2")	80mm (3")	100mm (4")	125mm (5")	150mm (6")	200mm (8")	250mm (10")	300mm (12")
D	89	98	108	117	127	152	178	191	229	254	280	342	405	480
D1	61	70	79	89	98	121	140	152	191	216	241	299	362	432
D2	33	40	48	57	65	78	92	109	139	167	186	255	291	343
d	15	25	31	40	46	58	70	78	112	136	166	209	246	296
d1	22	27	34	42	49	61	73	89	115	142	169	220	274	325
d2	21	27	33	42	48	60	73	89	114	141	168	219	273	324
H	25	29	32	35	38	41	48	51	61	83	142	131	170	173
T	11	12	14	16	18	19	22	24	24	29	26	28	31	33
L	22	25	29	32	35	38	44	48	57	67	76	102	123	165
n-φe	4-φ16	4-φ16	4-φ16	4-φ16	4-φ16	4-φ19	4-φ19	4-φ19	8-φ19	8-φ23	8-φ23	8-φ23	12-φ25	12-φ25

JIS 10K

SIZE NOM.	15mm (1/2")	20mm (3/4")	25mm (1")	32mm (1-1/4")	40mm (1-1/2")	50mm (2")	65mm (2-1/2")	80mm (3")	100mm (4")	125mm (5")	150mm (6")	200mm (8")	250mm (10")	300mm (12")
D	95	100	125	135	140	155	175	185	210	250	280	330	400	445
D1	70	75	90	100	105	120	140	150	175	210	240	290	355	400
D2	31	35	43	49	61	73	90	105	132	158	186	238	289	341
d	18	22	25	30	41	52	67	78	100	125	146	196	247	298
d1	22	26	33	39	49	61	77	90	115	141	166	218	268	319
H	35	42	47	51	62	71	71	79	99	114	140	156	185	185
T	14	15	15	16	16	20	22	22	22	24	26	28	30	30
L	30	35	40	44	55	63	61	64	84	104	132	145	155	155
n-φe	4-φ15	4-φ15	4-φ19	4-φ19	4-φ19	4-φ19	4-φ19	8-φ19	8-φ19	8-φ23	8-φ23	12-φ23	12-φ25	16-φ25
1/T	1/34	1/34	1/34	1/34	1/37	1/37	1/48	1/49	1/56	1/58	1/63	1/50	1/55	1/55

DIN PN10

SIZE NOM.	15mm (1/2")	20mm (3/4")	25mm (1")	32mm (1-1/4")	40mm (1-1/2")	50mm (2")	65mm (2-1/2")	80mm (3")	100mm (4")	125mm (5")	150mm (6")	200mm (8")	250mm (10")	300mm (12")
D	95	105	115	140	150	164	185	200	220	254	280	340	396	445
D1	65	75	85	100	110	125	145	160	180	210	240	295	350	400
D2	28	33	41	50	61	76	90	108	131	167	186	255	290	362
d	16	21	28	36	45	57	70	82	103	136	147	215	240	303
d1	20	25	32	40	50	63	75	91	111	141	161	226	251	317
d2	20	25	32	40	50	63	75	90	110	140	160	225	250	315
H	24	22	25	28	34	41	46	55	65	83	142	131	149	182
T	12	14	14	14	16	16	16	18	18	29	26	28	31	33
L	21	19	22	26	31	38	44	51	61	77	132	119	131	164
n-φe	4-φ14	4-φ14	4-φ14	4-φ18	4-φ16	4-φ18	4-φ18	8-φ18	8-φ18	8-φ23	8-φ23	8-φ23	12-φ23	12-φ23

Applications

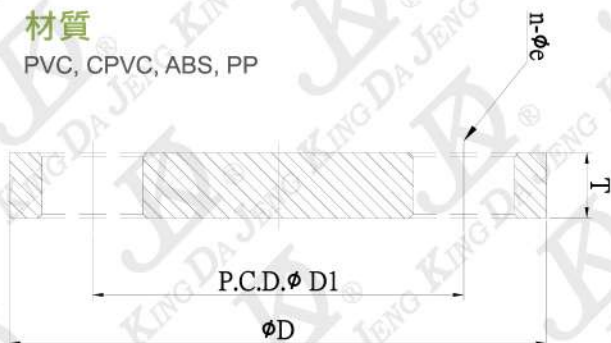
- Special oval bolt hole design, compatible with various standards.
- For temporary or permanent sealing of pipe system.

應用說明

- 特殊橢圓孔設計，各種規格皆可共用
- 使用於暫時性或永久性管道封閉

材質

PVC, CPVC, ABS, PP



NOM.	SIZE	15mm (1/2")	20mm (3/4")	25mm (1")	32mm (1-1/4")	40mm (1-1/2")	50mm (2")	65mm (2-1/2")	80mm (3")	100mm (4")	125mm (5")	150mm (6")	200mm (8")	250mm (10")	300mm (12")
ANSI	D	89	98	108	117	127	152	178	191	229	254	284	343	406	481
	D1	61	70	79	89	98	121	140	152	191	216	241	299	362	432
	T	12	13	14	16	18	19	22	24	24	28	26	28	32	33
	n-øe	4-ø16	4-ø16	4-ø16	4-ø16	4-ø16	4-ø19	4-ø19	4-ø19	8-ø19	8-ø23	8-ø23	8-ø23	12-ø25	12-ø25
JIS	D	95	100	125	135	140	155	175	185	210	250	280	330	400	445
	D1	70	75	90	100	105	120	140	150	175	210	240	290	355	400
	T	14	16	16	18	18	20	22	22	22	24	26	28	30	30
	n-øe	4-ø15	4-ø15	4-ø19	4-ø19	4-ø19	4-ø19	4-ø19	8-ø19	8-ø19	8-ø23	8-ø23	12-ø23	12-ø25	16-ø25

Application

- Same outside diameter as the pipe.
- Spigot design easy adapt to all socket valves or fittings.

應用說明

管口外徑與管材相同，可直接接於各式閥門或管件，不須額外接管

材質

PVC, CPVC, ABS, PP



Applications

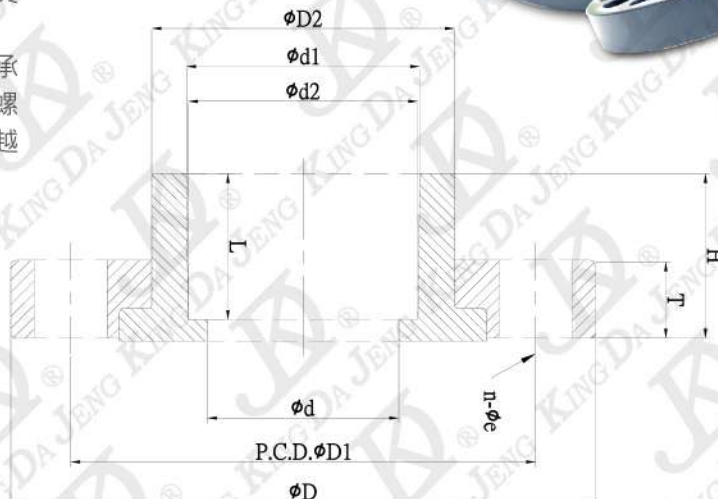
- Used for connecting pipelines of different materials.
- Two-piece flange with a rotating ring that makes bolt alignment simple, especially for large sizes.

應用說明

- 用於活接管路之處，對於不同材質之管路系統銜接轉換
- 兩片式法蘭優點在於施工方便，承插口與法蘭盤是兩片活動，利於螺絲孔位的對齊，尤其是越大尺寸越好施工

材質

PVC, CPVC, ABS, PP



ANSI 150PSI

SIZE NOM.	15mm (1/2")	20mm (3/4")	25mm (1")	32mm (1-1/4")	40mm (1-1/2")	50mm (2")	65mm (2-1/2")	80mm (3")	100mm (4")	125mm (5")	150mm (6")	200mm (8")	250mm (10")	300mm (12")
D	89	98	108	117	128	152	178	192	229	254	283	343	406	481
D1	61	70	79	89	98	121	140	152	191	216	241	299	362	432
D2	31	37	45	54	65	76	92	109	133	167	192	238	298	348
d	13	17	22	29	38	51	68	77	102	136	156	204	256	307
d1	22	27	34	42	49	61	73	89	115	142	169	220	274	325
d2	21	27	33	42	48	60	73	89	114	141	168	219	273	324
H	26	30	35	40	40	43	49	54	64	73	85	118	150	191
T	11	12	14	16	18	20	24	26	28	29	32	36	42	42
L	22	25	29	32	35	38	44	48	57	68	76	102	123	165
n- ϕe	4- $\phi 16$	4- $\phi 16$	4- $\phi 16$	4- $\phi 16$	4- $\phi 16$	4- $\phi 19$	4- $\phi 19$	4- $\phi 19$	8- $\phi 19$	8- $\phi 23$	8- $\phi 23$	8- $\phi 23$	12- $\phi 25$	12- $\phi 25$

MATERIAL 材質

EPDM, NBR, FPM

規格

ANSI, JIS, DIN



Applications

- Used for connecting pipelines.
- Easy to disassemble and maintenance.

應用說明

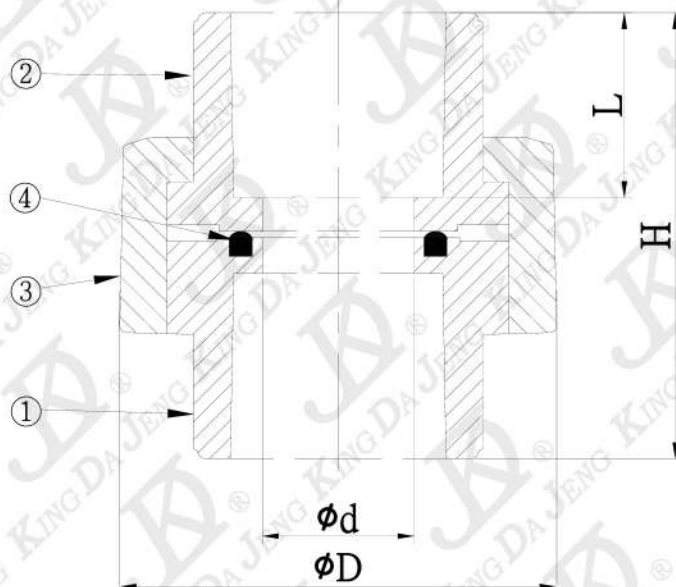
- 用於活接管路之處
- 方便拆裝·維修檢查

End Type

Socket / Threaded

Size	Q'TY / CTN
1/2"	180
3/4"	120
1"	100
1 1/4"	80
1 1/2"	60
2"	36
2 1/2"	36
3"	18
4"	12

No.	Part	Q'TY	Material
1.	BODY	1	PVC, CPVC, ABS, PP
2.	END CONNECTOR	1	PVC, UPVC, ABS, PP
3.	UNION NUT	1	PVC, UPVC, ABS, PP
4.	O-RING	1	EPDM, NBR, FPM



SIZE NOM.	15mm (1/2")	20mm (3/4")	25mm (1")	32mm (1-1/4")	40mm (1-1/2")	50mm (2")	65mm (2-1/2")	80mm (3")	100mm (4")
d	15	20	25	32	40	50	50	80	100
D	46	55	67	82	98	120	120	162	219
L	23	26	28	33	35	38	42	49	60
H	57	62	68	81	82	100	100	119	141



SCH80/40 FITTINGS

OS 同徑接頭 COUPLING



MATERIAL

UPVC

CPVC

END TYPE

S x S

S x T

T x T

OL 90度L型彎管 90° ELBOW



MATERIAL

UPVC

CPVC

END TYPE

S x S

S x T

T x T

OL-45 45度L型彎管 45° ELBOW



MATERIAL

UPVC

CPVC

END TYPE

S x S

S x T

T x T

OT TEE型彎管(三通) TEE



MATERIAL

UPVC

CPVC

END TYPE

S x S x S

S x T x S

T x T x T

OY Y三通 Y TEE



MATERIAL

UPVC

CPVC

END TYPE

S x S x S

CAP 管帽 CAP



MATERIAL

UPVC

CPVC

END TYPE

SOCKET

BS 卜申(異徑接頭) REDUCER BUSHING



MATERIAL

UPVC

CPVC

END TYPE

SOCKET

MA 外牙接頭 MALE ADAPTER



MATERIAL

UPVC

CPVC

END TYPE

S x T



透明管件 · 品質看得見

金大正所生產之CLEAR PVC透明管及配件，為品質良好之台灣產品。
採用台灣原料在地生產，並經不斷測試及改良，力求提供最好品質及服務。

CLEAR PVC透明管請勿安裝在直接日曬環境，若需安裝於室外，應給予適當遮蔽。在運送或存放透明管時，需特別注意，請給予適當覆蓋，避免因陽光直射造成透明管變形。

KDJ produce CLEAR PVC Pipes and Fittings with high-quality. 100% made in Taiwan, from raw material to final products.

Continuously testing and improving, to provide the best quality and service.

CLEAR PVC Pipes and Fittings should not be installed in the environment of direct sunlight.

It should be properly shielded if installed in outdoor.

When transporting or storing CLEAR PVC Pipe and Fittings, special care should be taken to cover them properly to prevent deformation caused by direct sunlight.



另有透明管配件生產製造，詳請洽詢

CLEAR PVC Pipes and Fittings are available. Please contact us for more details.

