

台灣第一品牌

塑膠閥門

台灣第一品牌



HI-TECH'S

協羽塑膠閥門 SHIE YU THERMOPLATIC VALVE 2019

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ISO 9001

THERMOPLASTIC VALVE

The related products-pipes, fittings

UPVC, PP, CPVC, PPG and PVDF

NSF

ISO 9001

Acid Proof

Alkali Proof



THE HI-TECH's, HI-QUALITY's PRODUCTS RANGE

經營理念



董事長 蔡添壽　President　TSAI TIEN-SHOU

協羽成立於西元1973年，為台灣第一家從開發設計到製造塑膠閥門的公司。多年來一直致力於產品的研究創新，以最先進製程技術，力求產品質量領先。建廠40餘年來，產品行銷海內外40餘國家，廣泛應用於各種管路系統，品質深獲客戶的好評與肯定。

協羽人始終競競業業，秉持公司創廠五大信念：誠信、敬業、責任、禮貌、榮譽。立足業界40餘年，擁有堅實的經營層，專業負責的工作團隊，進而獲得廣大客戶的支持。在持續壯大事業體的同時，更致力於產品的創新設計及品質的提升，先後獲得NSF美國產品衛生認證，ISO9001英國Lloyd's及BSI品質管理系統認證，台灣正字標記(CNS)及通過環保標章認證合格廠，確保提供全球客戶高品質可靠的工業產品。

基於提供市場更齊全的產品，特增設世界級超大型電腦全自動射出專用成型機，尤其是生產CPVC原料一次可射出成126公斤及各超大型配件，進而不斷擴充相關產品群，滿足客戶一次性採購的服務理念。進而生產各種材質、尺寸齊全的塑膠閥門、直管及配件的專業製造商。配合市場需求從產品供應、配合安裝、整廠承包工程，一系列完整性服務。

協羽人不斷自我期許，追求更精良產品，以客戶滿意為宗旨。同時，我們期盼您寶貴的意見，更隨時歡迎您的蒞臨指導，協羽團隊將持續研發創新，再接再厲，為業界打拼，進而獲得市場的肯定與禮讚。

蔡添壽



1 協羽集團總部 The Headquarters of SHIE YU Machine Company

Operation Philosophy



協羽高雄一廠 Kaohsiung Plant I

Since 1973, first thermoplastic valves manufacturer in Taiwan, SH has been specializing in the R&D, and production of valves . For the past 40 years, we've been in the lead in product quality with state-of-the-art technology and process. Our products, sold in more than 40 countries worldwide, are extensively used and applied in a wide variety of piping system, gaining a good reputation as a reliable supplier.

SH people, committed to the five beliefs all the time----HONESTY, RELIABILITY, RESPONSIBILITY, COURTESY and HONOUR----working together as responsible and reliable team, are leaded by a group of resilient and determined leaders, and dedicated to design, innovation, and quality increase with business growth. In order to ensures high quality products, we have been successfully certified by NSF(American National Sanitation Federation),ISO9001 Lloyd's, China National Standard (CNS),Environmental marking quality assurances to provide the reliable industry products to the customers in the global world.

Based on the belief in providing more complete product line to the market, specially add the super large scaled auto specialized injection equipment, productivity on CPVC 126kgs per shot, run for the large size fittings.We are continually expanding the related products to satisfy customers at one stop buying, covering the customers on the business of installation, whole-plant engineering , the full complete demanding service.

Self-encouraged SH people are always in pursuit of excellence for the sole purpose of total customer satisfaction.Besides, you are always welcome at our company at any time and we prize your highly valued opinions.We continue to be devoted to the R&D and innovation in this industry to win customer approval and receive customer compliments.

TIEN TSAI



協羽高雄二廠 Kaohsiung Plant II



協羽集團全體幹部合照 The Group photo of the leading colleagues in Shie Yu Group.

協羽大事記 SHIE YU Milestones

1973 創立於台中市清水鎮海濱路336-16號，佔地16,000 M² 。
1980 成立台北公司，北區市場及外銷部門成立。
1983 產品獲得國內民營最大化工集團-台塑企業長期統購合約。
1985 成立高雄分公司。
1988 成立協羽高雄第一廠，位於大發工業區莒光一街11-1號，佔地2,000 M² 。
1994 本公司球閥產品獲得美國衛生協會（NSF）標準#14/61認證，為台灣第一家取得NSF產品認證列名公司。
1997 全企業取得ISO 9001認證。
1999 協羽高雄二廠成立，位於大發工業區華中路19號，佔地8,000M 。
2000 UPVC, CPVC² SCH80管、配件加入生產線。
2002 中國江蘇省成立中國昆山廠。
2002 引進世界最知名CINCINNATI UPVC, CPVC SCH80管押出設備加入生產，協羽正式跨入生產管子的新紀元。
2003 建造於台中港加工出口區設立管子生產廠，佔地34,000M²，規劃為生產UPVC、CPVC、HD-PE、PP-H、ABS、PVDF管子及配件的專業生產廠區。
2004 購進德國BATTENFELD HD-PE、PP-H、ABS、PVDF生產管押出成型設備加入生產線。

1973 Founded in Ching-Shui town, Taichung Country, Taiwan covering an area of 1,600 square meters.
1980 Set up the export division and Taipei branch operation for North Taiwan and overseas markets.
1983 Signed long-term supply contracts with Formosa Plastic Group(FPG), the biggest industrial group in Taiwan.
1985 Set up Kaoshung branch operation.
1988 Established Kaoshung 1st plant, located in DA FA Industrial Zone, covering an area of 20,000 square meters.
1994 The first manufacturer in Taiwan to have the NSF listing on the PVC ball valves.
1997 Acquired ISO Quality Assurance Management System.
1999 Established Kaoshung 2nd plant, located in DA FA Industrial Zone, covering an area of 8,000 square meters.
2000 Began producing UPVC, CPVC SCH80 pipes and fittings.
2002 Established a manufacturing facility in Jang-Su, China.
2002 Purchased the advanced extrusion equipment from the globally known CINCINNATI Co. for production of UPVC, CPVC SCH80 pipes.
2003 Established a pipe plant in Taichung Harbor Export Processing Zone for production of UPVC, CPVC, HD-PE, PP-H, ABS, PVDF pipes and fittings, covering an area of 34,000² square meters.
2004 Purchased Germany made BATTENFELD HD-PE, PP-H, ABS, PVDF pipe extrusion equipments to enter into the manufacturing lines.

2004 投資超大型8500T全自動電腦射出成型機研發成功，突破過去大型UPVC、CPVC之生產技術，成為市場上能生產一體成型的超大型配件工廠，CPVC產品一次可生產126kg產品。

2005 購進大型專業模具廠，專門為閥門配件增進開發能力。

2006 開發成功全世界最大一體成型塑膠旋轉凡而700ϕ(28")~1200ϕ(48")。

2007 開發成功生產最大配件UPVC、CPVC SCH80三通、彎頭、平接頭、大小頭到18"；法蘭片到24"皆為射出一體成型品。並通過NSF認證。

2009 購進超大型多廣角焊接設備專門生產HD-PE、PP-H、PVDF配件，三通、90°彎頭、45°彎頭等各式加工配件，可生產到1200ϕ。

2011 100年榮獲中華民國台灣優良品牌獎。

2012 成立工程配管施工團隊，專門為建廠提供整系列統包施工完成服務。

2013 增加統包整體建廠服務；從閥門、直管、配件完整產品群供應至施工團隊全系列整體建廠完成服務，並提供各種施工專業技術諮詢。

2015 成立全球經銷商網，擴大世界市場服務。

2016 榮獲中華民國第十七屆全國十大傑出企業（金峰獎）

2004 Invested the super large computerized injection machine and successfully invented. Breakthrough the technique limitation in the past, we innovated the production of super large-sized UPVC and CPVC fittings, one shot molding on CPVC parts up to 126kg.

2005 Acquired a specialized tooling plant for full line of valve and fitting development and research capabilities.

2006 Successfully development on the super large & one-piece molded plastic butterfly valves from the size 700ϕ(28") ~ 1200ϕ(48")

2007 Successfully production on the large one-piece UPVC, CPVC SCH80 TEE, ELBOW, COUPLING, REDUCER UP TO 18" AND FLANGE TO 24".

2009 Equipped large & multi angles welding equipments for the producing of HD-PE, PP-H, PVDF fittings – tee, 90°elbow, 45°elbow, etc fabricated fittings up to 18" and flange to 24".

2011 Acquired the Best-Products awards of Taiwan.

2012 Set up the engineering & installation team specialize on the whole-plant systems installation.

2013 Enlarge the installation team to cover the supply of the valves, pipes, fittings the entire products, system build-up and engineering consult services.

2015 Build the global distribution channels to enhance the worldwide sales service and activities.

2016 Gain the 17th worldwide Top 10 enterprises award (Golden Summit award)

NSF

ISO 9001





Innovation and R&D





創新研發　Innovation and R&D

協羽人本著精益求精精神，對現有產品持續改良，並也依據產品不同的使用場合的需要條件，對產品的材質作研發改善及結構的研發創新，以求使產品達到最佳的適用性以及客戶的滿意。特別我們擁有模具廠，內有完整的全套開模，硬體設備，更配合設計軟體及專業技術人員，配合研發團隊以快速精確模具設計以滿足客戶及市場的需求。再則我們也持續對研發相關配備、人員擴充，使我們的研發工作得以達到國際的水準。

The Shie Yu people based on the desire to provide better products, we continue to improve our existing products, and do R&D work on materials, innovation of product structure to meet the requirements for a wide variety of applications. We have our own in-house tooling department employing staff of experienced and skilled tool and die makers, and equipped with sophisticated and precise CAD/CAM machines for today's ever-changing market. In addition, we are dedicated to workforce performance and R&D work on related fittings to keep up with innovation.



1200 ∅HD-PE管 全自動製管生產線 1200 ∅HD-PE Pipe Auto-extrusion Production Line.



8500T電腦全自動射出成型設備 8500T Computerized Auto-injection Equipment

先進設備 Advanced Equipment

要有優良的產品，需要良好的原料、材料及設備。我們對此方面非常重視；在材料上，精選原料廠商，對原料加以分析測試，確其符合標準才使用；模具力求精良，能將原材料的物性、特性發揮及掌控。加工、射出設備皆為國際知名廠牌，並配合我們的技術人員的特別設計重點加以改製成完全符合我們產品生產需求的專用設備。另外還有特別的電腦車床專用機及設計的軟體筆，我們對精良設備所投注的心血，使我們的產品品質持續領先並廣獲客戶的歡迎及滿意。

Our premium products are achieved with advanced and sophisticated equipment and through careful selection and analysis of materials in accordance with standards. With precision injection mold tooling and internationally famous brand of machining and injection molding equipment, we are able to control the physical structure and properties of materials. Our skilled engineers integrate distinctive design into equipment to meet the requirement for production of our quality products. Besides, our dedication to precise and good equipment distinguishes our quality products from our competitors .



各種精密實驗機械設備所 Various precision mechanic equipments.

Quality Control

品質控管

本公司的重要理念：品質優先。在這基礎上，除了將技術部門建立的產品規範及ISO9001作業流程導入生產的每一階段，並且將產品融入完全品質控管的考量：材質、另件、部品、成品每一階段包含自主檢查、作業標準程序、抽驗檢查及閥門的100%試壓的全檢。直管、配件通過ASTM、ISO、DIN及CNS國家標準檢驗。這完全實現品質控管系統，除了優秀人員的作業組織流程外，也配合我們完整的一系列精良的檢驗設備。

專責的品管人員隨時對品質系統流程做必要的調整，以使產品完全符合最佳狀況，並達到產品品質最大的確保；得到客戶對產品最完全的信任及肯定。



原物料儲存區 Raw materials storage area.

我們已通過的系統認證有：

勞氏ISO9001、BSI9001；產品認證有：CNS(中國國家標準)、NSF(美國食品衛生協會)、及環保標章認證合格廠等，所有產品皆通過嚴格的核可。我們致力於品質的持續追求，確保S.H產品都是值得信賴，使客戶滿意將成為本產品最佳代言人。



大發管材公司生產線全景 The Full-view of the I Production Lines in Dura Flow Pipe Ind. Co. Ltd





主管會議 Conference

Quality Control

Based on our belief in quality first, we are certified by BSI 9001, CNS and NSF and use ISO 9001 as the basis of our quality management system into which technical specifications set up by our professional engineers for each stage of production procedures have been integrated. We take into consideration a total quality assurance program that includes material selection, self inspection, operation standard procedures improvement, spot inspection and 100% valve pressure test. All the manufactured pipes, fittings are complied with ASTM, ISO, DIN and CNS national standards.Our manufacturing facilities, personnel, processes and procedures are monitored by the total quality management system to ensure they are in conformance with applicable standards. Our current quality certifications are - CNS(China National Standards), NSF(American National Sanitary Federal) and Environmental mark certified, all of the products are inspected by the strict regulations.

Our dedicated quality assurance staff ensure reliable and quality products before they reach our customers by continually improving our quality control system.

In order to ensure that all our products are reliable and customer satisfaction is achieved, we have been dedicated to provide the premium quality for our custromers for the past 30 years.





耐落錘測試實驗裝置 Falling hammer resistance device



拉力材料試驗機設備 Tension strength testing equipment

客戶滿意 Customer Satisfaction

基於客戶長期的信賴與全體員工提供客戶對產品的滿意的工作價值觀，協羽公司更致力與客戶維持緊密的合作互惠關係。

身為塑膠閥門、配件，管子的重要供應商，協羽不斷強化我們對客戶服務的核心價值，全員執行客戶各方面的需求，成為全球客戶最信賴的專業夥伴，據此扮演客戶在面對競爭及挑戰時最可依賴的一股力量。因為我們深信，為彼此的成功而努力是成功的必要因素。因此，協羽公司秉持著為客戶的成功而工作的精神，進而獲得客戶長久以來的支持與滿意。

Based on long-term trust of our customers and our belief in the value of providing customers with satisfying products, SH has been dedicated to close and mutually beneficial relationships with our customers worldwide.
As one of the most important suppliers of thermoplastic valves, fittings, and pipes in the world, we continually enhance our core value of providing our customers with the best service through staff participation at all levels. As one of the most reliable business partner of our worldwide customers, we play an important and supporting role all the time when our customers encounter severe challenges and stiff competition. We believe that customer's success is our success. Thus, SH, committed to a spirit of working for customer's success, has been receiving customer's support and satisfaction for the past 30 years.



化學工業
Chemical Industry

電子半導體
Electronic / Semiconductor Idustry

國際參展
International Exhibitors

海水碼頭
Seawater Wharf

HD-PE自來水管
HD-PE Portable Water Relining

海水養殖場
Sea Farming Industry

火力發電廠使用
Thermal Power Plant



PERMISSIBLE WORKING TEMPERATURE RANGE FOR THE THERMO PLASTICS & RUBBERS

Abbreviation of Material	Material	Maximum Permissible Temperatures	
		°C	°F
UPVC	UNPLASTICIZED POLYVINYL CHLORIDE	0°～60°	32°～140°
CPVC	CHLORINATED POLYVINYL CHLORIDE	0°～90°	32°～210°
PP	POLYPROPYLENE	-20°～90°	-5°～210°
PPG(FRTP)	FIBER GLASS FORTIFIED POLYPROPYLENE	-20°～100°	5°～210°
PVDF	POLYVINYLIDENE FLUORIDE	-40°～120°	-45°～230°
PTFE	POLYTETRAFLUOROETHYLENE STYRENE	Under 260°	Under 500°
ABS	ACRYLONITRILE BUTADIENE STYRENE	Under 95°	Under 200°
FPM	FLUORINE RUBBER (VITON)	Under 180°	Under 355°
EPT(EPDM)	ETHYLENEPROPYLENE RUBBER	Under 90°	Under 195°
NBR	NITRILE RUBBER	Under 60°	Under 140°
CR	CHLOROPRENE RUBBER (NEOPRENE)	Under 80°	Under 175°
IIR	ISOBUTHYLENE ISOPREN RUBBER	Under 90°	Under 195°
CSM	CHLORINE SULPHONYL POLYETHYLENE (HYPALON)	Under 90°	Under 195°

PHYSICAL PROPERTIES FOR THERMO PLASTICS

PROPERTIES	Unit	Test Method	UPVC	CPVC	PP	PVDF	PPG	PE-80	PE-100
Specific Gravity	g/cm3	ASTM D792	1.3-1.4	1.49	0.92	1.76-1.78	1.12	0.94	0.95
Tensile Strength @yield	kg/cm2	ASTM D638	478	518	280	530	850	180(min.)	250
@break	kg/cm2	ASTM D638	452	515	450	350	1500	320(min.)	600<
Modulus of Elasticity in tension	kg/cm2	ASTM D638	26900	25200	9700	25300	40600	8000	8000
Flexural Modulus	kg/cm2	ASTM D638	36900	38200	11200	22260	58000	8000	9000
Izod (23degree C)	kg/cm2	ASTM D638	14	32	13	6.5	12	10	17
Rockwall Hardness	R-Scale	ASTM D256	80	85	95	77	105	-	40
Deflection Temperature	C	ASTM D785	66	103	110	140	165	64	65
NSF Potable water approved		ASTM D648	YES	YES	YES	YES		YES	YES
Industry standard color			Dark Gray/ White	Light Gray	Cream/ Black	Natural		Black or Yellow	Black or Blue

ISO 9001

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Professional

Diaphragm Valve
隔膜閥 系列

- Material: UPVC, PP, CPVC, PPG, PVDF
- Size: DN15~DN250

- 材質：UPVC, PP, CPVC, PPG, PVDF
- 尺寸：DN15~DN250



DIAPHRAGM VALVE-3 LAYERS TYPE

(with PVDF gas barrier diaphragm & high corrosion resistant metal)

DE300 PVDF 3 LAYERS DIAPHRAGM VALVE

適用於高腐蝕流體的氣化滲透、電解液等耐酸碱專用



DE Series 隔膜凡而 (三層膜片式) 配有PVDF防氣體滲透三層膜片及特殊高耐腐蝕金屬件.

DE300
Size: DN15~DN250

Suitable to the protect diaphragm from the gas permeation in the corrosion resistance and electrolytic chlorine gas.

MATERIALS OF CONSTRUCTION

No.	Parts	Pcs.	Materials	No.	Parts	Pcs.	Materials
1	Body	1	UPVC, PP, CPVC, PPG, PVDF	10	Name Plate	1	PVC
2	Bonnet	1	PPG,PVDF	11	Grease Nipple	1	SUS304 PTFE COATED
3	Compressor	1	15A-25A PVDF 40A-250A FC20 PTFE COATED	12	Stud Bolt & Nut	4 ····· 15A-25A 6 ····· 40A-50A 8 ····· 65A-125A 12 ····· 150A 16 ····· 200A 20 ····· 250A	SUS304 PTFE COATED BSBM PTFE COATED SUS304 PTFE COATED
4	Hand Wheel	1	ABS	13	Inserted Nut		
5	Sleeve	1	15A-50A BSBM PTFE COATED 65A-250A FC25 PTFE COATED	14	Bolt Nut & Washer		
6	Stem	1	15A-50A BSBM PTFE COATED 65A-250A SS41 PTFE COATED	15	thrust Bearing	1	Standardized 80A-250A USED ONLY
7	Diaphragm	1	EPDM,HYPALON TEFLON PVDF 3 lays	16	Stopper	1	SS-41 BSBM SUS304 PTFE COATED
7-1	Upper Board	1	SUS304 PTFE COATED	17	Set Nut	1	SS41 BSBM SUS304 PTFE COATED
7-2	Down Board	2	SUS304 PTFE COATED	18	Gauge Cover	1	PC PTFE COATED
8	Cap	1	15A-25A BSBH PTFE COATED 40A-250A PVC	19	Sheet Ring	1	EPDM
9	Compressor Pin	1	SUS-304 PTFE COATED	20	Washer	1	SUS304 PTFE COATED

※PVDF隔膜閥上蓋(BONNET)標準材質用PPG，如須使用PVDF上蓋為特殊規格，價格另計。

The standard material to bonnet : PPG.
Optional PVDF bonnet material for PVDF diaphragm valve.

®VITION & TEFLON are tradmarks of E.I. Du Pont

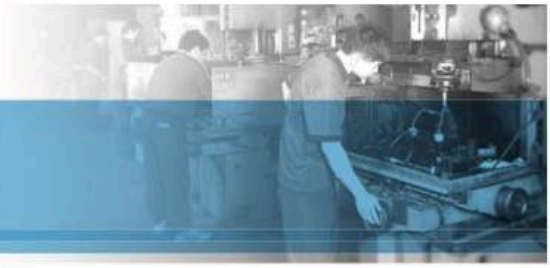
DIMENSIONS TABLE

JIS — Unit: mm

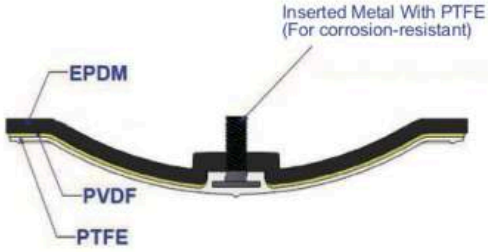
PRESS Test for Assembly (at 20°C) — Test Pressure Unit: kgf/cm²

Nom. Size m/m(inch)	D1	D2	D3	e	n No. of holes	D4	D5	Lift ℓ	L	T	H	I	Rubber Diaphragm					Teflon Diaphragm				
													UPVC	PP	PPG	CPVC	PVDF	UPVC	PP	PPG	CPVC	PVDF
15(1/2")	16	70	91.5	15	4	58x51	94	13	110	15	101	140	10	10	10	10	10	10	10	10	10	10
20(3/4")	20	75	97	15	4	70x60	94	13	120	17	106	152	10	10	10	10	10	10	10	10	10	10
25(1")	25	90	125	19	4	79x65	94	14	130	17	113	158	10	10	10	10	10	10	10	10	10	10
40(1-1/2")	41	105	135	19	4	123	147	24	180	19	133	193	10	10	10	10	10	10	10	10	10	10
50(2")	52	120	151	19	4	148	147	28	210	19	145	210	10	10	10	10	10	10	10	10	10	10
65(2-1/2")	68	140	185	19	4	183	202	32	250	24	197	276	10	10	10	10	10	10	7	7	10	10
80(3")	78	150	183.5	19	8	201	202	34	280	23	218	293	10	10	10	10	10	10	7	7	10	10
100(4")	100	175	210	19	8	250	241	54	340	24	261	370	10	10	10	10	10	10	7	7	10	10
125(5")	125	210	250	23	8	321	274	72	410	26	308	412	10	7	7	10	10	7	7	7	7	7
150(6")	148	240	282	23	8	382	395	72	480	33	334	471	10	7	7	10	10	7	7	7	7	7

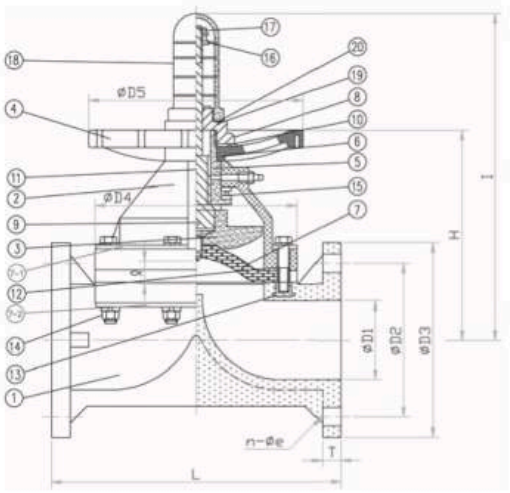
Tel: 886-4-2626 6926 Fax: 886-4-2626 7169 E-mail: shvalve8@ms23.hinet.net http://www.shieyu-valve.com.tw



Part No.7 PVDF 3層膜片
PVDF 3 lays Diaphragm



註:用於高腐蝕流體的氣化滲透場合
for corrosive/chlorine transport lines to prevent the permeation of gas barriers from the chemicals



DIMENSIONS TABLE

ANSI												Unit: inch	PRESS Test for Assembly (at 20°C)									
													Test Pressure Unit: psi									
Nom. Size m/m(inch)	D1	D2	D3	e	n No. of holes	D4	D5	Lift ℓ	L	T	H	I	Rubber Diaphragm					Teflon Diaphragm				
													UPVC	PP	PPG	CPVC	PVDF	UPVC	PP	PPG	CPVC	PVDF
15(1/2")	0.63	2.38	3.50	0.63	4	2.28x2	3.70	0.51	4.25	0.59	3.98	5.51	150	150	150	150	150	150	150	150	150	150
20(3/4")	0.79	2.76	3.86	0.63	4	2.76x2.36	3.70	0.51	5.90	0.63	4.17	5.98	150	150	150	150	150	150	150	150	150	150
25(1")	0.98	3.13	4.25	0.63	4	3.11x2.56	3.70	0.55	5.90	0.63	4.45	6.22	150	150	150	150	150	150	150	150	150	150
40(1-1/2")	1.61	3.88	5.00	0.63	4	4.84	5.79	0.94	6.95	0.67	5.24	7.60	150	150	150	150	150	150	150	150	150	150
50(2")	2.05	4.74	5.98	0.75	4	5.83	5.79	1.10	7.95	0.67	5.71	8.27	150	150	150	150	150	150	150	150	150	150
65(2-1/2")	2.68	5.49	7.01	0.75	4	7.20	7.95	1.26	9.85	0.87	7.76	10.87	150	150	150	150	150	150	105	105	150	150
80(3")	3.07	6.00	7.52	0.75	4	7.91	7.95	1.34	10.40	0.75	8.50	11.54	150	150	150	150	150	150	105	105	150	150
100(4")	3.94	7.50	9.17	0.75	8	9.84	9.49	2.13	12.95	0.91	10.28	14.57	150	150	150	150	150	150	105	105	150	150
125(5")	4.92	8.50	10.00	0.87	8	12.64	10.79	2.83	16.14	0.94	12.13	16.22	150	105	105	150	150	105	105	105	105	150
150(6")	5.83	9.51	10.98	0.87	8	15.04	15.55	2.83	18.90	1.18	13.15	18.54	150	105	105	150	150	105	105	105	105	150

DIN												Unit: mm	PRESS Test for Assembly (at 20°C)									
													Test Pressure Unit: (bar)									
Nom. Size m/m(inch)	D1	D2	D3	e	n No. of holes	D4	D5	Lift ℓ	L	T	H	I	Rubber Diaphragm					Teflon Diaphragm				
													UPVC	PP	PPG	CPVC	PVDF	UPVC	PP	PPG	CPVC	PVDF
15(1/2")	16	65	95	14	4	58x51	94	13	130	23	101	140	10	10	10	10	10	10	10	10	10	10
20(3/4")	20	75	105	14	4	70x60	94	13	150	23	106	152	10	10	10	10	10	10	10	10	10	10
25(1")	25	85	125	14	4	79x65	94	14	160	23	113	158	10	10	10	10	10	10	10	10	10	10
40(1-1/2")	41	110	150	18	4	123	147	24	200	23	133	193	10	10	10	10	10	10	10	10	10	10
50(2")	52	125	165	18	4	148	147	28	230	21	145	210	10	10	10	10	10	10	10	10	10	10
65(2-1/2")	68	145	185	18	4	183	202	32	290	22	197	276	10	10	10	10	10	10	7	7	10	10
80(3")	78	160	200	18	8	201	202	34	310	22	218	293	10	10	10	10	10	10	7	7	10	10
100(4")	100	180	210	18	8	250	241	54	350	25	261	370	10	10	10	10	10	10	7	7	7	10
125(5")	125	210	250	18	8	321	274	72	400	24	308	412	10	7	7	10	10	7	7	7	7	7
150(6")	148	240	285	23	8	382	395	72	480	30	334	471	10	7	7	10	10	7	7	7	7	7

※ 本尺表以 PVC 材質為準
※ 法蘭長度公差依據 EN558-1:1995 標準

※ The dimension table is calculated based on PVC material.
The flanged length tolerance is according to EN558-1:1995.

3-LAYERS DIAPHRAGM TRUE UNION VALVE

(with PVDF gas barrier diaphragm & high corrosion resistant metal)

DE100/DE200 PVDF 3 LAYERS DIAPHRAGM VALVE

適用於高腐蝕流體的氣化滲透、電解液等耐酸碱專用



DE Series 由任隔膜凡而(三層膜片式)

配有PVDF防氣體滲透三層膜片及特殊高耐腐蝕金屬件.

DE100 SOCKET / DE200 THREAD

Suitable to the protect diaphragm from the gas permeation in the corrosion resistance and electrolytic chlorine gas.

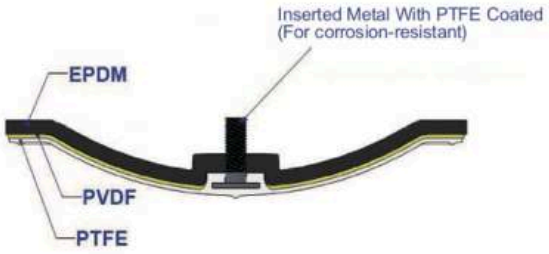
MATERIALS OF CONSTRUCTION

Item	Parts	Pcs	Materials	Item	Parts	Pcs	Materials
1	Shaft	1	BRASS PTFE COATED	9	Gauge Cover	1	PC
2	Diaphragm	1	EPDM, TEFLON, PVDF 3 LAYS	10	O'ring	2	EPDM, VITON
3	Body	1	UPVC, PP, CPVC, PVDF	11	Compressor	1	15A-25A PVDF 32A-50A PPG
4	Sleeve	1	BRASS PTFE COATED	12	Indicator	1	ABS
5	Union Nut	2	UPVC, PP, CPVC, PVDF	13	Bolt	4	SUS304 PTFE COATED
6	Handle	1	ABS	14	Nut	4	SUS304 PTFE COATED
7	End Connector	2	UPVC, PP, CPVC, PVDF	15	Washer spring washer	8	SUS304 PTFE COATED
8	Bonnet	1	UPVC, PP, CPVC, PVDF				
8-1	Bonnet Board	1	SUS304 PTFE COATED				

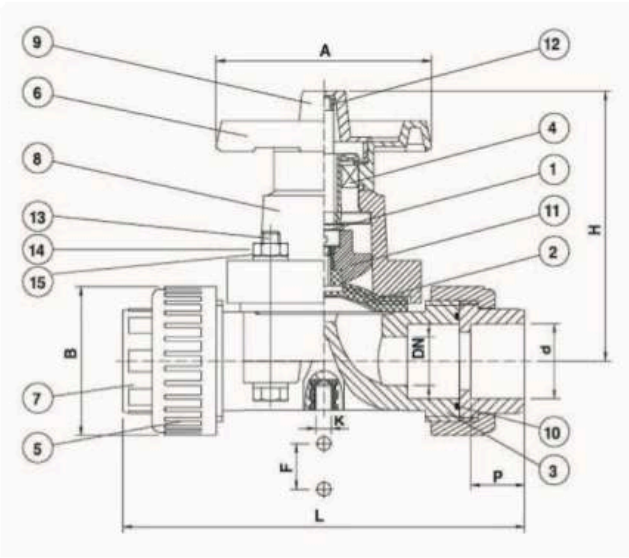
Tel: 886-4-2626 6926 Fax: 886-4-2626 7169 E-mail: shvalve8@ms23.hinet.net http://www.shieyu-valve.com.tw

Part No.2

PVDF 3層膜片
PVDF 3 lays Diaphragm



註:用於高腐蝕流體的氣化滲透場合
for corrosive/chlorine transport lines to prevent the permeation of gas barriers from the chemicals



DN15~DN50

DIMENSIONS TABLE

Standards / Nom. Size	JIS Unit: mm											ANSI Unit: inch										DIN Unit: mm									
	d		P	B	L	H	A	F	K	Test Press (kgf/cm²)		d		P	B	L	H	A	F	K	Test Press (lb/in²)		d		P	B	L	H	A	F	K	Test Press (bar)	
	Socket	Thread								Ptfe dia.	Rubber Dia.	Socket	Thread								Ptfe dia.	Rubber Dia.	Socket	Thread								Ptfe dia.	Rubber Dia.
15(1/2")	22	PT1/2	22.2	54	166	107.5	81	25	8	10	10	0.84	NPT1/2	0.875	2.126	6.53	4.23	3.189	0.984	0.315	150	150	20	R1/2	16.0	54	166	107.5	81	25	8	10	10
20(3/4")	26	PT3/4	25.4	54	166	107.5	81	25	8	10	10	1.05	NPT3/4	1.000	2.126	6.53	4.23	3.189	0.984	0.315	150	150	25	R1/4	18.5	54	166	107.5	81	25	8	10	10
25(1")	32	PT1	28.6	63	183	116	91	25	8	10	10	1.32	NPT1	1.125	2.480	7.2	4.567	3.583	0.984	0.315	150	150	32	R1	22.0	63	183	116	91	25	8	10	10
32(1-1/4")	38	PT1-1/4	31.8	89	238	142	117	45	8	10	10	1.66	NPT1-1/4	1.250	3.5	9.37	5.591	4.606	1.772	0.315	150	150	40	R1-1/4	26.0	89	238	142	117	45	8	10	10
40(1-1/2")	48	PT1-1/2	34.9	89	238	142	117	45	8	10	10	1.90	NPT1-1/2	1.375	3.5	9.37	5.591	4.606	1.772	0.315	150	150	50	R1-1/2	31.0	89	238	142	117	45	8	10	10
50(2")	60	PT2	38.1	101	273	176	150	45	8	10	10	2.38	NPT2	1.500	3.97	10.74	6.929	5.906	1.772	0.315	150	150	63	R2	37.5	101	273	176	150	45	8	10	10

※Standard dimensions based on PVC material



DIAPHRAGM VALVE / Flanged type



DF Series 隔膜凡而（法蘭式）

DF300
Size: DN15~DN250

DE300 PVDF 3 LAYS DIAPHRAGM VALVE
適用於高腐蝕流體的氣化滲透、電解液等耐酸碱專用
Suitable to the protect diaphragm from the gas permeation in the corrosion resistance and electrolytic chlorine gas.

MATERIALS OF CONSTRUCTION

No.	Parts	Pcs.	Materials	No.	Parts	Pcs.	Materials	
1	Body	1	UPVC, PP, CPVC, PPG, PVDF	10	Name Plate	1	PVC	
2	Bonnet	1	UPVC, CPVC, PPG, PVDF	11	Grease Nipple	1	SUS304	
3	Compressor	1	15A-25A PVDF 40A-250A FC20	12	Stud Bolt & Nut	4 ····· 15A-25A 6 ····· 40A-50A	SUS304	
4	Hand Wheel	1	ABS	13	Inserted Nut	8 ····· 65A-125A 12 ····· 150A	BSBM	
5	Sleeve	1	15A-50A BSBM 65A-250A FCD45	14	Bolt Nut & Washer	16 ····· 200A 20 ····· 250A	SUS304	
6	Stem	1	15A-50A BSBM 65A-250A SUS304	15	thrust Bearing	1	Standardized 80A-250A USED ONLY	
7	Diaphragm	1	EPDM,HYPALON TEFLON,PVDF 3 lays	16	Stopper	1	SS-41 BSBM SUS304	
7-1	Upper Board	1	SUS304	17	Set Nut	1	SS41 BSBM SUS304	
7-2	Down Board	2	SUS304	18	Gauge Cover	1	PC	
8	Cap	1	15A-25A BSBM 40A-250A PVC	19	Sheet Ring	1	EPDM	
9	Compressor Pin	1	SUS-304	20	Washer	1	SUS304	

Note : 1. SUS 304 .....Stainless Steel AISI 304　2. SS 41 .....Rolled steel for General Structure　3. BSBM .....Free Cutting Brass Bar
4. FC 20.....Grav Cast Iron　5. SUP.....Steel for Spring ASTM A-230-68

※第3、5、6、12、14項材質如用SUS-304或SUS-316為特殊規格，價格另計。
※PVDF隔膜閥上蓋(BONNET)標準材質用PPG，如須使用PVDF上蓋為特殊規格，價格另計。

The standard material to bonnet : PPG.
Optional PVDF bonnet material for PVDF diaphragm valve.
Optional materials on request for part no. 4.5.6.12.14.: SUS 304 or SUS 316.

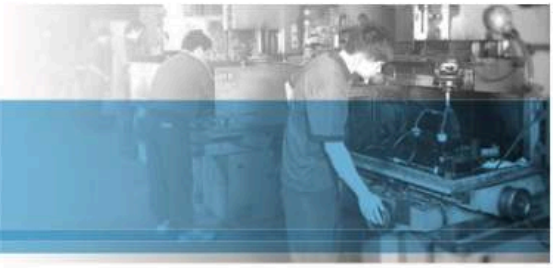
®VITION & TEFLON are tradmarks of E.I. Du Pont

DIMENSIONS TABLE

Unit: mm

Nom. Size m/m(inch)	JIS D1	D2	D3	e	n No. of holes	D4	D5	Lift ℓ	L	T	H	I	PRESS Test for Assembly (at 20°C) Test Pressure Unit: kgf/cm² Rubber Diaphragm UPVC	PP	PPG	CPVC	PVDF	Teflon Diaphragm UPVC	PP	PPG	CPVC	PVDF
15(1/2")	16	70	91.5	15	4	58x51	94	13	110	15	101	140	10	10	10	10	10	10	10	10	10	10
20(3/4")	20	75	97	15	4	70x60	94	13	120	17	106	152	10	10	10	10	10	10	10	10	10	10
25(1")	25	90	125	19	4	79x65	94	14	130	17	113	158	10	10	10	10	10	10	10	10	10	10
40(1-1/2")	41	105	135	19	4	123	147	24	180	19	133	193	10	10	10	10	10	10	10	10	10	10
50(2")	52	120	151	19	4	148	147	28	210	19	145	210	10	10	10	10	10	10	10	10	10	10
65(2-1/2")	68	140	185	19	4	183	202	32	250	24	197	276	10	10	10	10	10	10	7	7	10	10
80(3")	78	150	183.5	19	8	201	202	34	280	23	218	293	10	10	10	10	10	10	7	7	10	10
100(4")	100	175	210	19	8	250	241	54	340	24	261	370	10	10	10	10	10	10	7	7	10	10
125(5")	125	210	250	23	8	321	274	72	410	26	308	412	10	7	7	10	10	7	7	7	7	7
150(6")	148	240	282	23	8	382	395	72	480	33	334	471	10	7	7	10	10	7	7	7	7	7
200(8")	198	290	337	23	12	431	395	96	570	33	419	625	7	5	5	7	7	5	5	5	5	5
250(10")	248	355	397	25	12	529	555	132	680	38	510	750	7	5	5	7	7	5	5	5	5	5

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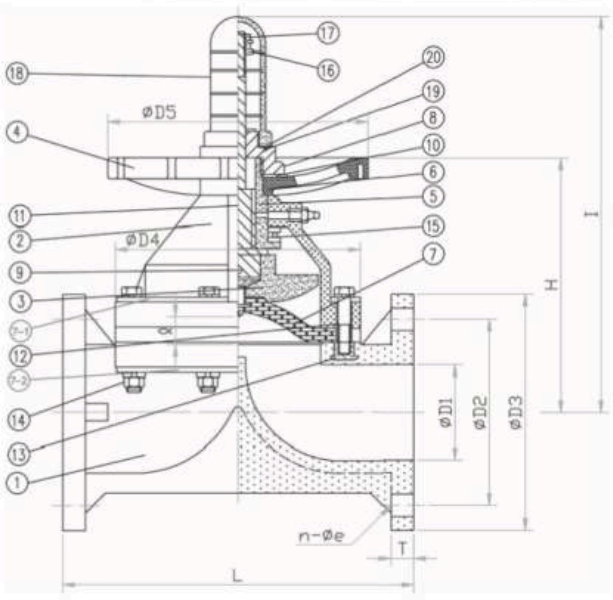
CV VALUE

CV值 【GMP/(1lbf/in²)^1/2】	
Full Open: 100%	
尺寸	CV值
1/2"	3.27
3/4"	5.29
1"	8.87
1-1/2"	31.09
2"	43.15
2-1/2"	90.68
3"	116.79
4"	186.78
6"	345.26

BOLTS TORQUE VALUE

SIZE	Kg.m	N.m
1/2"	90	8.83
3/4"	110	10.79
1"	110	10.79
1-1/2"	150	14.72
2"	220	21.58
2-1/2"	220	21.58
3"	280	27.47
4"	280	27.47
6"	280	27.47

1Kg.cm=0.0981N.m



DIMENSIONS TABLE

ANSI Unit: inch

Nom. Size m/m(inch)	D1	D2	D3	e	n No. of holes	D4	D5	Lift ℓ	L	T	H	I	PRESS Test for Assembly (at 20°C) Test Pressure Unit: psi									
													Rubber Diaphragm					Teflon Diaphragm				
													UPVC	PP	PPG	CPVC	PVDF	UPVC	PP	PPG	CPVC	PVDF
15(1/2")	0.63	2.38	3.50	0.63	4	2.28x2	3.70	0.51	4.25	0.59	3.98	5.51	150	150	150	150	150	150	150	150	150	150
20(3/4")	0.79	2.76	3.86	0.63	4	2.76x2.36	3.70	0.51	5.90	0.63	4.17	5.98	150	150	150	150	150	150	150	150	150	150
25(1")	0.98	3.13	4.25	0.63	4	3.11x2.56	3.70	0.55	5.90	0.63	4.45	6.22	150	150	150	150	150	150	150	150	150	150
40(1-1/2")	1.61	3.88	5.00	0.63	4	4.84	5.79	0.94	6.95	0.67	5.24	7.60	150	150	150	150	150	150	150	150	150	150
50(2")	2.05	4.74	5.98	0.75	4	5.83	5.79	1.10	7.95	0.67	5.71	8.27	150	150	150	150	150	150	150	150	150	150
65(2-1/2")	2.68	5.49	7.01	0.75	4	7.20	7.95	1.26	9.85	0.87	7.76	10.87	150	150	150	150	150	150	105	105	150	150
80(3")	3.07	6.00	7.52	0.75	4	7.91	7.95	1.34	10.40	0.75	8.50	11.54	150	150	150	150	150	150	105	105	150	150
100(4")	3.94	7.50	9.17	0.75	8	9.84	9.49	2.13	12.95	0.91	10.28	14.57	150	150	150	150	150	150	105	105	150	150
125(5")	4.92	8.50	10.00	0.87	8	12.64	10.79	2.83	16.14	0.94	12.13	16.22	150	105	105	150	150	105	105	105	105	150
150(6")	5.83	9.51	10.98	0.87	8	15.04	15.55	2.83	18.90	1.18	13.15	18.54	150	105	105	150	150	105	105	105	105	150
200(8")	7.80	11.75	13.50	0.87	8	16.97	15.55	3.78	22.44	1.26	16.40	24.61	105	75	75	105	105	75	75	75	75	105
250(10")	9.76	14.25	15.98	0.98	12	20.83	21.85	5.20	26.77	1.26	20.08	29.53	105	75	75	105	105	75	75	75	75	105

DIN Unit: mm

Nom. Size m/m(inch)	D1	D2	D3	e	n No. of holes	D4	D5	Lift ℓ	L	T	H	I	PRESS Test for Assembly (at 20°C) Test Pressure Unit: (bar)									
													Rubber Diaphragm					Teflon Diaphragm				
													UPVC	PP	PPG	CPVC	PVDF	UPVC	PP	PPG	CPVC	PVDF
15(1/2")	16	65	95	14	4	58x51	94	13	130	23	101	140	10	10	10	10	10	10	10	10	10	10
20(3/4")	20	75	105	14	4	70x60	94	13	150	23	106	152	10	10	10	10	10	10	10	10	10	10
25(1")	25	85	125	14	4	79x65	94	14	160	23	113	158	10	10	10	10	10	10	10	10	10	10
40(1-1/2")	41	110	150	18	4	123	147	24	200	23	133	193	10	10	10	10	10	10	10	10	10	10
50(2")	52	125	165	18	4	148	147	28	230	21	145	210	10	10	10	10	10	10	10	10	10	10
65(2-1/2")	68	145	185	18	4	183	202	32	290	22	197	276	10	10	10	10	10	10	7	7	10	10
80(3")	78	160	200	18	8	201	202	34	310	22	218	293	10	10	10	10	10	10	7	7	10	10
100(4")	100	180	210	18	8	250	241	54	350	25	261	370	10	10	10	10	10	10	7	7	7	10
125(5")	125	210	250	18	8	321	274	72	400	24	308	412	10	7	7	10	10	7	7	7	7	7
150(6")	148	240	285	23	8	382	395	72	480	30	334	471	10	7	7	10	10	7	7	7	7	7
200(8")	198	295	340	23	8	431	395	96	600	32	419	625	7	5	5	7	7	5	5	5	5	5
250(10")	248	350	395	23	12	529	555	132	680	32	510	750	7	5	5	7	7	5	5	5	5	5

※ 本尺表以 PVC 材質為準
※ 法蘭長度公差依據 EN558-1:1995 標準

※ The dimension table is calculated based on PVC material.
The flanged length tolerance is according to EN558-1:1995.



VACUUM-PROOF DIAPHRAGM VALVE



DV Series 耐真空隔膜凡而

DV300
Size :80mm(3")~250mm(10")
MATERIALS : UPVC,PP,PPG.CPVC,PVDF

【專利品】台專新型第18490號
PATNET:NO, 18490
Note: Standard Type Diaphragm valve in size
15mm(1/2")-65mm(2 1/2")can be used under vaccum

※角牙、角牙母、心仔、壓板、螺絲、螺母、材質如用SUS-304或SUS-316為特殊規格、價格另計。
※PVDF隔膜閥上蓋(BONNET)標準材質使用PPG，如須使用PVDF上蓋為特殊規格，價格另計。

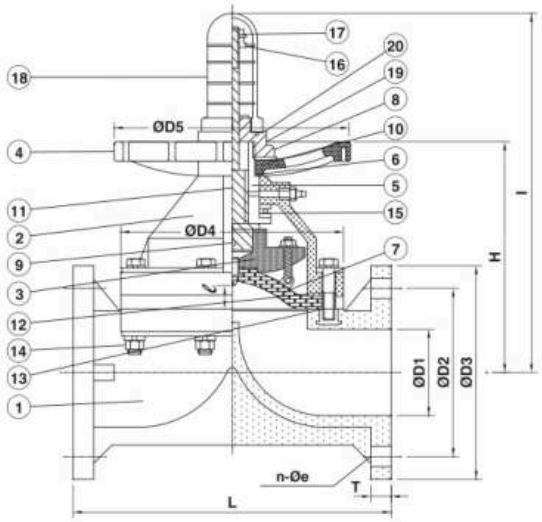
FEATURES

- Concerning the standard diaphragm valve, the inserted metal of the diaphragm frequently comes out, when exposed to vacuum, therefore, the valve cannot function at all, S.H.VACUUM PROOF DIAPHRAGM VALVE has solved this problem and has won favorable valuation in various fields.
- S.H. VACUUM-PROOF DIAPHRAGM VALVE has more inserted matels of the diaphragm. Tghe diaphgragm is designed for being hanged from the compressor (Patent). This prevents the diaphragm from being drawn towards the valve seat (downwards) by vacuum. This valve can endure the perfect vacuum. (-760m/m Hg)
- This VALVE can also be used under pressure.As both body and bonnet are thick and monobloc moldings with vacuum resistance, this can be used not only under vaccum but under pressure
(3kg/cm2 (40lb/in2)-7kg/cm2(100lb/in2)

Reference(Unit: m/mHg)

Nom. Size m/m(inch)	STANDARD TYPE Rubber Dia.	VACUUM TYPE Rubbere dia.	Ball Valv
15(1/2")	-760	-	-760
20(3/4")	-760	-	-760
25(1")	-760	-	-760
40(1-1/2")	-760	-	-760
50(2")	-760	-	-760
65(2-1/2")	-760	-	-760
80(3")	-650 ~ -760	-760	-
100(4")	-500 ~ -600	-760	-
125(5")	-360 ~ -470	-760	-
150(6")	-250 ~ -360	-760	-
200(8")	-100 ~ -200	-760	-
250(10")	below -50	-760	-

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DIMENSIONS TABLE

JIS													Unit: mm	PRESS Test for Assembly (at 20℃)				
														Test Pressure Unit: kgf/cm²				
Nom. Size m/m(inch)	D1	D2	D3	e	n No. of holes	D4	D5	Lift ℓ	L	T	H	I		Rubber Diaphragm				
														UPVC	PP	PPG	CPVC	PVDF
80(3")	78	150	185	19	8	215	202	34	280	22	218	293		10	10	10	10	10
100(4")	100	175	210	19	8	255	241	54	340	22	261	370		10	10	10	10	10
125(5")	125	210	250	23	8	320	274	72	410	24	308	412		10	7	7	10	10
150(6")	148	240	280	23	8	385	395	72	480	30	334	471		10	7	7	10	10
200(8")	198	290	330	23	12	430	395	96	570	30	419	625		7	5	5	7	7
250(10")	248	355	400	25	12	540	555	132	680	32	510	750		7	5	5	7	7

ANSI													Unit: inch	PRESS Test for Assembly (at 20℃)				
														Test Pressure Unit: psi				
Nom. Size m/m(inch)	D1	D2	D3	e	n No. of holes	D4	D5	Lift ℓ	L	T	H	I		Rubber Diaphragm				
														UPVC	PP	PPG	CPVC	PVDF
80(3")	3.07	6.00	7.52	0.75	4	8.46	7.95	1.34	10.40	0.75	8.50	11.54		150	150	150	150	150
100(4")	3.94	7.50	9.02	0.75	8	10.04	9.49	2.13	12.95	0.91	10.28	14.57		150	150	150	150	150
125(5")	4.92	8.50	10.00	0.87	8	12.60	10.79	2.83	16.14	0.94	12.13	16.22		150	105	105	150	150
150(6")	5.83	9.51	10.98	0.87	8	15.16	15.55	2.83	18.90	1.18	13.15	18.54		150	105	105	150	150
200(8")	7.80	11.75	13.50	0.87	8	16.93	15.55	3.78	22.44	1.26	16.40	24.61		105	75	75	105	105
250(10")	9.76	14.25	15.98	0.98	12	21.26	21.85	5.20	26.77	1.26	20.08	29.53		105	75	75	105	105

DIN													Unit: mm	PRESS Test for Assembly (at 20℃)				
														Test Pressure Unit: (bar)				
Nom. Size m/m(inch)	D1	D2	D3	e	n No. of holes	D4	D5	Lift ℓ	L	T	H	I		Rubber Diaphragm				
														UPVC	PP	PPG	CPVC	PVDF
80(3")	78	160	200	18	8	215	202	34	310	22	218	293		10	10	10	10	10
100(4")	100	180	220	18	8	255	241	54	350	25	261	370		10	10	10	10	10
125(5")	125	210	250	18	8	320	274	72	400	24	308	412		10	7	7	10	10
150(6")	148	240	285	23	8	385	395	72	480	30	334	471		10	7	7	10	10
200(8")	198	290	340	23	8	430	395	96	600	32	419	625		5	5	5	7	7
250(10")	248	350	395	23	12	540	555	132	680	32	510	750		5	5	5	7	7

※ 本尺表以 PVC 材質為準
※ 法蘭長度公差依據 EN558-1:1995 標準

※ The dimension table is calculated based on PVC material.
The flanged length tolerance is according to EN558-1:1995.



TRUE UNION DIAPHRAGM VALVE



DF Series 油任式隔膜閥（插管式、牙口式）

DF100 SOCKET / DF200 THREAD

DE100/DE200 PVDF 3 LAYS DIAPHRAGM VALVE

適用於高腐蝕流體的氣化滲透、電解液等耐酸碱專用

Suitable to the protect diaphragm from the gas permeation in the corrosion resistance and electrolytic chlorine gas.

MATERIALS OF CONSTRUCTION

Item	Parts	Pcs	Materials	Item	Parts	Pcs	Materials
1	Shaft	1	BRASS	9	Gauge Cover	1	PC
2	Diaphragm	1	EPDM, TEFLON, PVDF 3 LAYS	10	O'ring	2	EPDM, VITON
3	Body	1	UPVC, PP, CPVC, PVDF	11	Compressor	1	15A-25A PVDF 32A-50A PPG
4	Sleeve	1	BRASS	12	Indicator	1	PE
5	Union Nut	2	UPVC, PP, CPVC, PVDF	13	Bolt	4	SUS304
6	Handle	1	ABS	14	Nut	4	SUS304
7	End Connector	2	UPVC, PP, CPVC, PVDF	15	Washer spring washer	8	SUS304
8	Bonnet	1	UPVC, PP, CPVC, PVDF				
8-1	Bonnet Board	1	SUS304				

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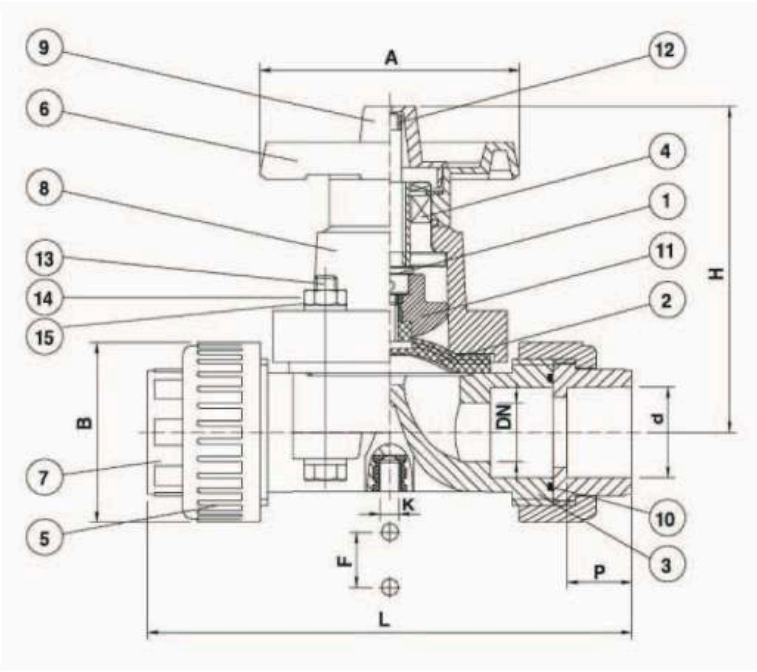
TORQUE VALUE(扭力值)

SIZE	Kg.cm	N.m
1/2"-3/4"	60	5.88
1"	100	9.81
1-1/2"	140	13.72
2"	210	20.58

1Kg.cm=0.0981N.m

CV VALUE

CV值 【GMP/(1lbf/in²)^1/2】	
OPENING:100%	
尺寸	CV值
1/2"	3.27
3/4"	5.29
1"	8.87
1-1/2"	31.09
2	43.15



DN15~DN50

DIMENSIONS TABLE

Standards / Nom. Size	JIS Unit: mm											ANSI Unit: inch										DIN Unit: mm									
	d		P	B	L	H	A	F	K	Test Press (kgf/cm²)		d		P	B	L	H	A	F	K	Test Press (lb/in²)		d		P	B	L	H	A	F	K	Test Press (bar)	
	Socket	Thread								Ptfe dia.	Rubber Dia.	Socket	Thread								Ptfe dia.	Rubber Dia.	Socket	Thread								Ptfe dia.	Rubber Dia.
15(1/2")	22	PT1/2	22.2	54	166	107.5	81	25	8	10	10	0.84	NPT1/2	0.875	2.126	6.53	4.23	3.189	0.984	0.315	150	150	20	R1/2	16.0	54	166	107.5	81	25	8	10	10
20(3/4")	26	PT3/4	25.4	54	166	107.5	81	25	8	10	10	1.05	NPT3/4	1.000	2.126	6.53	4.23	3.189	0.984	0.315	150	150	25	R1/4	18.5	54	166	107.5	81	25	8	10	10
25(1")	32	PT1	28.6	63	183	116	91	25	8	10	10	1.32	NPT1	1.125	2.480	7.2	4.567	3.583	0.984	0.315	150	150	32	R1	22.0	63	183	116	91	25	8	10	10
32(1-1/4")	38	PT11/4	31.8	89	238	142	117	45	8	10	10	1.66	NPT1-1/4	1.250	3.5	9.37	5.591	4.606	1.772	0.315	150	150	40	R1-1/4	26.0	89	238	142	117	45	8	10	10
40(1-1/2")	48	PT11/2	34.9	89	238	142	117	45	8	10	10	1.90	NPT1-1/2	1.375	3.5	9.37	5.591	4.606	1.772	0.315	150	150	50	R1-1/2	31.0	89	238	142	117	45	8	10	10
50(2")	60	PT2	38.1	101	273	176	150	45	8	10	10	2.38	NPT2	1.500	3.97	10.74	6.929	5.906	1.772	0.315	150	150	63	R2	37.5	101	273	176	150	45	8	10	10

※Standard dimensions based on PVC material



Y-TYPE AUTOMATIC DIAPHRAGM VALVE (NORMAL OPEN TYPE)



YT Series Y型自動凡而

YT100 SOCKET/YT200 THREAD
YT300 FLANGED
Size: 3/8"- 2"

Y型自動隔膜閥操作指示
Y type diaphragm valve operation instructions:

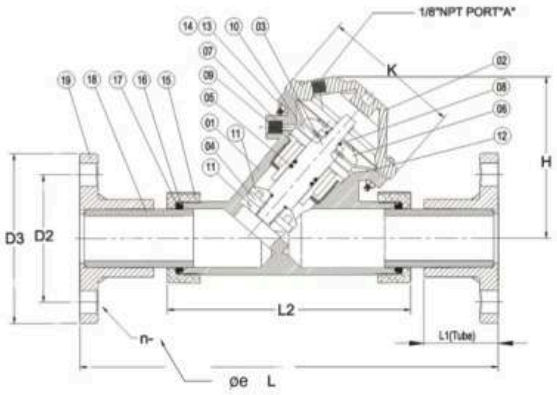
1.閥門關閉動作 (Valve Close Operation):上蓋孔入氣, 本體排氣孔排氣
Air fill in from the cap's air hole and body's air hole clear out the air.

2.閥門打開動作 (Valve Open Operation): 本體孔入氣, 上蓋孔排氣
Fill air from the body's air hole and the cap's air hole clear out the air.

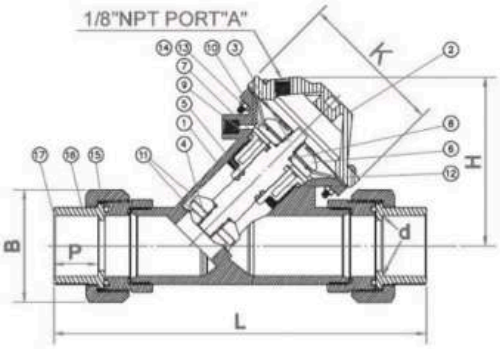
MATERIALS OF CONSTRUCTION

No.	Parts	Pcs.	Materials	No.	Parts	Pcs.	Materials
1	Body	1	PPS	11	Plate Screw	1	PVDF
2	Bonnet	1	PPS	12	Diaphragm	1	EPDM
3	Disc Plate Screw	1	PVDF	13	Bolt	6/8/12	SUS304
4	Disc	1	EPDM	14	Hex Nut	6/8/12	SUS304
5	Dynamic O'ring	1	EPDM	15	End Seal	2	PPO
6	Shaft	1	PVDF	16	Split Ring	2	EPDM
7	Shaft Guide	1	PPG	17	Retainer Nut	2	PPG
8	Shaft Seal	1	EPDM	18	Tube	2	UPVC
9	Body Seal	1	EPDM	19	Flange	2	UPVC
10	Diaphragm Hader	1	PVDF				

Tel: 886-4-2626 6926 Fax: 886-4-2626 7169 E-mail: shvalve8@ms23.hinet.net http://www.sheyu-valve.com.tw



FLANG TYPE



SOCKET & SCREW TYPE

操作限制 Operation limits:

1. 壓力(pressure): 3-8 kgf/cm²

2. 3 kgf/cm² 進入氣壓可將閥門開啟. (由本體氣孔)
   3 kgf/cm² air pressure can open the valve(from the body's air hole)

3. 閥門最大承受壓力為 8kgf/cm² (即主體入氣壓+管內流體壓力)
   The max pressure place on the valve (fill air pressure + flow pressure) is 8 kgf/cm²

4. 上蓋氣孔入氣氣壓必須大於流體壓力方可關閉閥門
   The inlet air preaaure from the cap's air hole must be higher than the flow pressure that can close the valve.

DIMENSIONS TABLE

Nom. Size DN(inch)	L2	L1	L	H	K	JIS Unit:mm				ANSI Unit:inch				DIN Unit:mm			
						D2	D3	n	øe	D2	D3	n	øe	D2	D3	n	øe
12(3/8")	100	70	198	65	63	65	90	4	15	2.38	3.50	4	0.63	60	90	4	14
15(1/2")	100	70	219	65	63	70	95	4	15	2.36	3.50	4	0.63	65	95	4	14
20(3/4")	100	80	238	65	63	75	100	4	15	2.75	3.88	4	0.63	75	105	4	14
25(1")	118	80	238	103	83	90	125	4	19	3.13	4.25	4	0.63	85	115	4	14
32(1-1 /4")	118	90	332	103	83	100	135	4	19	3.50	4.63	4	0.63	100	140	4	18
40(1-1 /2")	194	90	332	128	116	105	140	4	19	3.88	5.00	4	0.63	110	150	4	18
50(2")	194	90	350	128	116	120	155	4	19	4.75	6.00	4	0.75	125	165	4	18

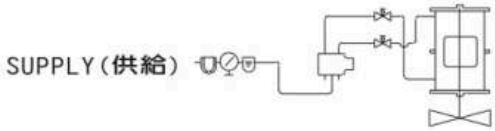
※Standard dimensions based on PVC material

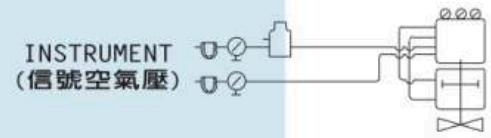


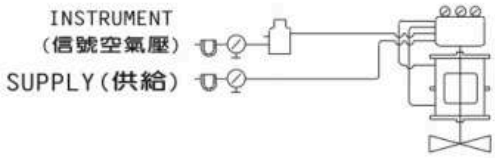
The Installation Diagram Pictrure For the Pneumatic Diaphragm Valve

自動式氣壓隔膜凡而零件配置圖

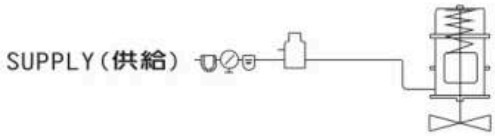




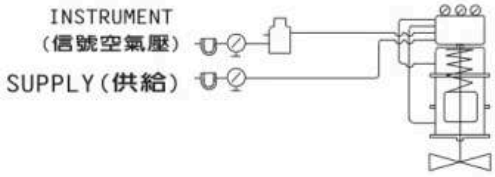


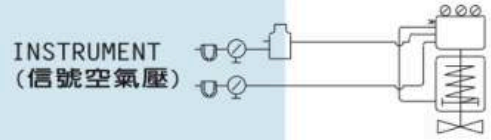






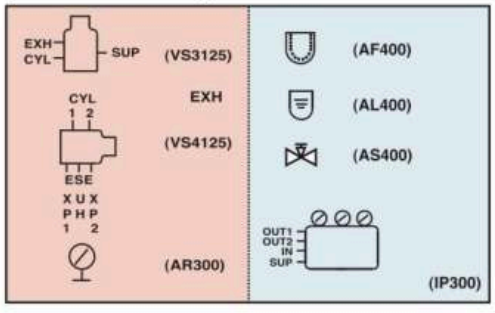




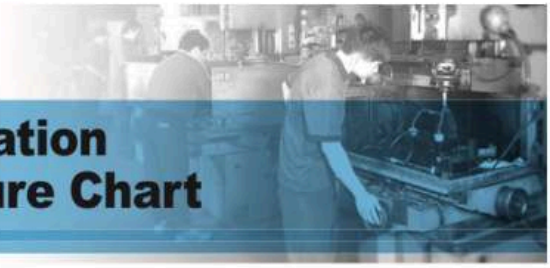




(SPARE PARTS)



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Diaphragm Valve Operation Temperature vs Pressure Chart

隔膜凡而使用溫度壓力表

(MATERIAL)		(NOM.SIZE) mm(INCH)	15	20	25	32	40	50	65	80	100	125	150	200	250
(BODY)	(DIAPHRAGM)	working press °C(F)	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"
U-PVC	Rubbers	(TEST PRESS)	10	10	10	10	10	10	10	10	10	10	10	7	7
		0°C-20(36-68)(Working)	7	7	7	7	7	7	7	7	7	7	7	5	5
		21-40(70-100)	7	7	7	7	7	7	7	7	7	7	7	5	5
		41-60(106-140)	6	6	6	6	6	6	6	6	6	6	6	4	4
	PTFE	(TEST PRESS)	10	10	10	10	10	10	10	10	10	7	7	5	5
		0°C-20(36-68)(Working)	7	7	7	7	7	7	7	7	7	5	5	3	3
		21-40(70-100)	7	7	7	7	7	7	7	7	7	5	5	2	2
		41-60(106-140)	6	6	6	6	6	6	6	6	6	4	4	2	2
	VITON	(TEST PRESS)	10	10	10	10	10	10	10	10	10	10	10	7	7
		21-40(70-100)	7	7	7	7	7	7	7	7	7	7	7	5	5
		21-40(70-100)	7	7	7	7	7	7	7	7	7	7	7	5	5
		21-40(70-100)	6	6	6	6	6	6	6	6	6	6	6	4	4
PP	Rubbers	(TEST PRESS)	10	10	10	10	10	10	10	10	10	7	7	5	5
		-20-40(-4-104)	7	7	7	7	7	7	7	7	7	5	5	3	3
		40-60(106-140)	7	7	7	7	7	7	7	7	7	5	5	2	2
		61-90(142-194)	6	6	6	6	6	6	6	6	6	4	4	2	2
	PTFE	(TEST PRESS)	10	10	10	10	10	10	7	7	7	7	7	5	5
		-20-40(-4-104)	7	7	7	7	7	7	5	5	5	5	5	3	3
		40-60(106-140)	7	7	7	7	7	7	5	5	5	5	5	2	2
		61-90(142-194)	6	6	6	6	6	6	4	4	4	4	4	2	2
	VITON	(TEST PRESS)	10	10	10	10	10	10	10	10	10	7	7	5	5
		-20-40(-4-104)	7	7	7	7	7	7	7	7	7	5	5	3	3
		40-60(106-140)	7	7	7	7	7	7	7	7	7	5	5	2	2
		61-90(142-194)	6	6	6	6	6	6	6	6	6	4	4	2	2
CPVC	Rubbers	(TEST PRESS)	10	10	10	10	10	10	10	10	10	10	10	7	7
		-20-40(-4-104)	7	7	7	7	7	7	7	7	7	7	7	5	5
		40-60(106-140)	7	7	7	7	7	7	7	7	7	7	7	5	5
		61.90(142.194)	6	6	6	6	6	6	6	6	6	6	6	4	4
	PTFE	(TEST PRESS)	10	10	10	10	10	10	10	10	10	7	7	5	5
		-20-40(-4-104)	7	7	7	7	7	7	7	7	7	5	5	3	3
		40-60(106-140)	7	7	7	7	7	7	7	7	7	5	5	2	2
		61-90(142-194)	6	6	6	6	6	6	6	6	6	4	4	2	2
	VITON	(TEST PRESS)	10	10	10	10	10	10	10	10	10	10	10	7	7
		-20-40(-4-104)	7	7	7	7	7	7	7	7	7	7	7	5	5
		40-60(106-140)	7	7	7	7	7	7	7	7	7	7	7	5	5
		61-90(142-194)	6	6	6	6	6	6	6	6	6	6	6	4	4
PPG (FRTP)	Rubbers	(TEST PRESS)	10	10	10	10	10	10	10	10	10	7	7	5	5
		-20-60(-4-140)	7	7	7	7	7	7	7	7	7	5	5	3	3
		61-90(142-194)	7	7	7	7	7	7	7	7	7	5	5	2	2
		91-120(196-248)	6	6	6	6	6	6	6	6	6	4	4	2	2
	PTFE	(TEST PRESS)	10	10	10	10	10	10	7	7	7	7	7	5	5
		-20-60(-4-140)	7	7	7	7	7	7	5	5	5	5	5	3	3
		61-90(142-194)	7	7	7	7	7	7	5	5	5	5	5	2	2
		91.120(196.248)	6	6	6	6	6	6	4	4	4	4	4	2	2
	VITON	(TEST PRESS)	10	10	10	10	10	10	10	10	7	7	7	4	4
		-20-60(-4-140)	7	7	7	7	7	7	7	7	5	5	5	3	3
		61-90(142-194)	7	7	7	7	7	7	7	7	7	5	5	2	2
		91-120(196-248)	6	6	6	6	6	6	6	6	6	4	4	2	2
PVDF	Rubbers	(TEST PRESS)	10	10	10	10	10	10	10	10	10	10	10	7	7
		-20-60(-4-140)	7	7	7	7	7	7	7	7	7	7	7	5	5
		61-90(142-194)	7	7	7	7	7	7	7	7	7	7	7	5	5
		91-120(196-248)	6	6	6	6	6	6	6	6	6	6	6	4	4
	PTFE	(TEST PRESS)	10	10	10	10	10	10	10	10	10	10	10	7	7
		-20-60(-4-140)	7	7	7	7	7	7	7	7	7	5	5	3	3
		61-90(142-194)	7	7	7	7	7	7	7	7	7	5	5	2	2
		91-120(196-248)	6	6	6	6	6	6	6	6	6	4	4	2	2
	VITON	(TEST PRESS)	10	10	10	10	10	10	10	10	10	10	10	7	7
		-20-60(-4-140)	7	7	7	7	7	7	7	7	7	7	7	5	5
		61-90(142-194)	7	7	7	7	7	7	7	7	7	7	7	5	5
		91-120(196-248)	6	6	6	6	6	6	6	6	6	6	6	4	4

UNIT: kgf/cm^2 (bar)

Ball Valve (True Union Type)
球閥 系列(雙由任型式)

- Material: UPVC, PP, CPVC, PVDF
- Size: 1/2"~4"

- 材質：UPVC, PP, CPVC, PVDF
- 尺寸：1/2"~4"





SAFETY BLOCK (TRUE UNION)BALL VALVE



本產品榮獲NSF 14/NSF 61認證合格

NSF certified listing

CB Series 安全球閥

CB100 SOCKET/ CB200 THREAD/ CB300 FLANGED
Size: 1/2"- 4"

MATERIALS OF CONSTRUCTION

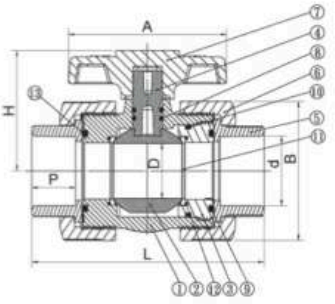
Item	Parts	Pcs	Materials	Item	Parts	Pcs	Materials
1	BODY	1	UPVC,PP,CPVC,PVDF	8	STEM O'RING	2	EPDM,VITON
2	BALL	1	UPVC,PP,CPVC,PVDF	9	END'S O'RING	1	EPDM,VITON
3	SEAT CARRIER	1	UPVC,PP,CPVC,PVDF	10	BODY O'RING	1	EPDM,VITON
4	STEM	1	UPVC,PP,CPVC,PVDF	11	SEAT	1	PTFE
5	END CONNECTOR	2	UPVC,PP,CPVC,PVDF	12	SOLID CARRIER O'RING	2	EPDM,VITON
6	UNION NUT	2	UPVC,PP,CPVC,PVDF	13	SOLID END O'RING	1	EPDM,VITON
7	HANDLE	1	ABS	14	FLANGE	2	UPVC,PP,CPVC,PVDF

DIMENSIONS TABLE

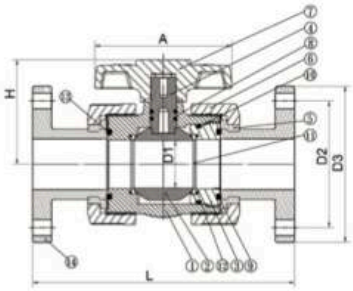
JIS — Unit:mm

Nominal Pipe Size	D1	D2	D3	d		e	n	P	L			A	T	H	B	TestPress (kgf/cm²)	Working press (kgf/cm²)
				Socket	Thread				Socket	Thread	Flange						
15(1/2")	15	70	95	22	PT1/2	15	4	22.2	115	115	152	77	15	55	54	22.5	15
20(3/4")	19	75	100	26	PT3/4	15	4	25.4	126	126	164	85	16	60	65	22.5	15
25(1")	25	90	125	32	PT1	19	4	28.6	145	145	189	98	17	71	73	22.5	15
32(1-1/4")	38	100	135	38	PT1-1/4	19	4	31.8	167	167	211	109	17	75	81	22.5	15
40(1-1/2")	38	105	140	48	PT1-1/2	19	4	34.9	182	182	230	118	17	95	98	22.5	15
50(2")	48	120	155	60	PT2	19	4	38.1	202	202	254	137	20	104	120	22.5	15
65(2-1/2")	65	140	175	76	PT2-1/2	19	4	44.5	227	227	279	190	20	140	150	15	10
80(3")	78	150	185	89	PT3	19	8	47.6	273	273	328	230	23	165	184	15	10
100(4")	102	175	210	114	PT4	19	8	57.0	323	323	387	274	23	172	226	15	10

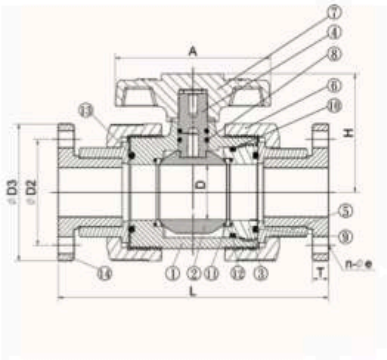
Tel: 886-4-2626 6926 Fax: 886-4-2626 7189 E-mail: shvalve8@ms23.hinet.net http://www.shieyu-valve.com.tw



SOCKET & SCREW TYPE



15A-50A FLANGE TYPE



65A-100A FLANGE TYPE

DIMENSIONS TABLE

ANSI — Unit:inch

Nominal Pipe Size	D1	D2	D3	d		e	n	P	L			A	T	H	B	Test Press (lb/in^2)	Working press (lb/in^2)
				Socket	Thread				Socket	Thread	Flange						
15(1/2")	0.59	2.375	3.500	0.848	NPT1/2	0.625	4	0.875	4.528	4.528	5.984	3.03	0.591	2.17	2.17	353	235
20(3/4")	0.748	2.750	3.875	1.058	NPT3/4	0.625	4	1.000	4.961	4.961	6.457	3.35	0.630	2.36	2.56	353	235
25(1")	0.98	3.125	4.250	1.325	NPT1	0.625	4	1.125	5.709	5.709	7.441	3.86	0.669	2.80	2.87	353	235
32(1-1/4")	1.496	3.500	4.625	1.670	NPT1-1/4	0.625	4	1.250	6.574	6.574	8.307	4.29	0.669	2.95	3.19	353	235
40(1-1/2")	1.496	3.875	5.000	1.912	NPT1-1/2	0.625	4	1.375	7.165	7.165	9.055	4.65	0.709	3.74	3.86	353	235
50(2")	1.89	4.750	6.000	2.387	NPT2	0.750	4	1.500	7.953	7.953	10.000	5.39	0.787	4.09	4.72	353	235
65(2-1/2")	2.56	5.500	7.000	2.889	NPT2-1/2	0.750	4	1.750	8.937	8.937	10.984	7.48	0.787	5.51	5.90	235	150
80(3")	3.07	6.000	7.500	3.515	NPT3	0.750	4	1.875	10.748	10.748	12.914	9.06	0.90	6.50	7.24	235	150
100(4")	4.01	7.500	9.000	4.518	NPT4	0.750	8	2.250	12.716	12.716	15.236	10.79	0.90	6.77	8.897	235	150

DIN — Unit:mm

Nominal Pipe Size	D1	D2	D3	d		e	n	P	L			A	T	H	B	Test Press (bar)	Working press (bar)
				Socket	Thread				Socket	Thread	Flange						
15(1/2")	15	65	95	20	R1/2	14	4	16.0	115	115	152	77	15	55	54	24	16
20(3/4")	19	75	105	25	R3/4	14	4	18.5	126	126	164	85	16	60	65	24	16
25(1")	25	85	115	32	R1	14	4	22.0	145	145	189	98	17	71	73	24	16
32(1-1/4")	38	100	140	40	R1-1/4	18	4	26.0	167	167	211	109	17	75	81	24	16
40(1-1/2")	38	110	150	50	R1-1/2	18	4	31.0	182	182	230	118	18	95	98	24	16
50(2")	48	125	165	63	RT2	18	4	37.5	202	202	254	137	20	104	120	24	16
65(2-1/2")	65	145	185	75	R2-1/2	18	4	43.5	227	227	279	190	20	140	150	15	10
80(3")	78	160	200	90	R3	18	8	51.0	273	273	328	230	23	165	184	15	10
100(4")	102	180	220	110	R4	18	8	61.0	323	323	387	274	23	172	226	15	10

※ 本尺表以 PVC 材質為準，本表試壓值以 PVC、PVDF材質為基準，PP材質試壓值為本表試壓值之 70%.

※ 法蘭長度公差依據 EN558-1:1995 標準

※ The dimension table is calculated based on PVC material.
The valve of test pressure is calculated based on PVC PVDF materials.
The valve of test pressure for PP material is 70% based on the table.
The flanged length tolerance is according to EN558-1:1995.



TRUE UNION (DOUBLE UNION) BALL VALVE

本產品榮獲NSF 14/NSF 61認證合格

NSF certified listing



CD Series 雙油任球閥

CD100 SOCKET/ CD200 THREAD/ CD300 FLANGE
Size: 1/2"- 4"

MATERIALS OF CONSTRUCTION

Item	Parts	Pcs	Materials	Item	Parts	Pcs	Materials
1	BODY	1	UPVC,PP,CPVC,PVDF	8	STEM O'RING	2	EPDM,VITON
2	BALL	1	UPVC,PP,CPVC,PVDF	9	END'S O'RING	1	EPDM,VITON
3	SEAT CARRIER	1	UPVC,PP,CPVC,PVDF	10	BODY O'RING	1	EPDM,VITON
4	STEM	1	UPVC,PP,CPVC,PVDF	11	SEAT	1	PTFE
5	END CONNECTOR	2	UPVC,PP,CPVC,PVDF	12	SOLID CARRIER O'RING	2	EPDM,VITON
6	UNION NUT	2	UPVC,PP,CPVC,PVDF	13	SOLID END O'RING	1	EPDM,VITON
7	HANDLE	1	ABS	14	FLANGE	2	UPVC,PP,CPVC,PVDF

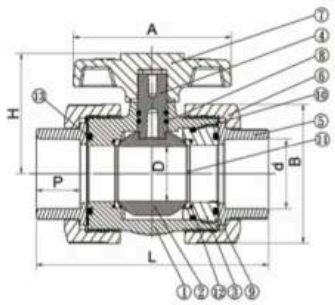
DIMENSIONS TABLE

JIS

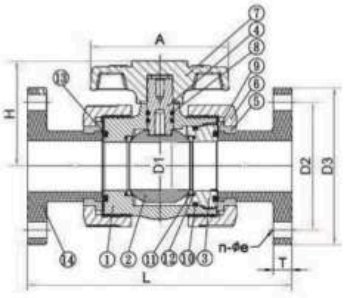
Unit:mm

Nom Size DN-inch	D1	D2	D3	d		øe	n	P	L			A	T	H	B	Testpress (kgf/cm²)	Working press (kgf/cm²)
				Socket	Thread				Socket	Thread	Flange						
15(1/2")	15	70	95	22	PT1/2	15	4	22.2	112	112	152	82.5	15	61	47	22.5	15
20(3/4")	20	75	100	26	PT3/4	15	4	25.4	130	130	170	101	15	64	61	22.5	15
25(1")	25	90	125	32	PT1	19	4	28.6	144	144	189	111	17	65	70	22.5	15
32(1-1/4")	38	100	135	38	PT1-1/4	19	4	31.8	167	167	211	111	17	89	93	22.5	15
40(1-1/2")	38	105	140	48	PT1-1/2	19	4	34.9	185	185	232	128.3	17	88.7	93	22.5	15
50(2")	48	120	155	60	PT2	19	4	38.1	198	198	250	152.5	20	108.5	113	22.5	15
65(2-1/2")	65	140	175	76	PT2-1/2	19	4	44.5	228	228	279	190	20	140	150	15	10
80(3")	78	150	185	89	PT3	19	8	47.6	273	273	328	230	23	165	184	15	10
100(4")	102	175	210	114	PT4	19	8	57.2	323	323	387	274	23	172	226	15	10

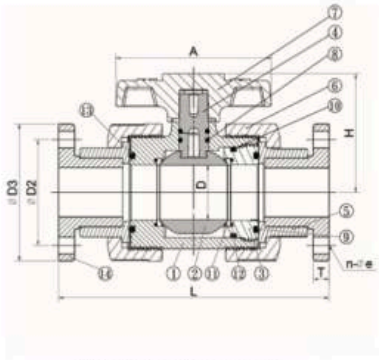
Tel: 886-4-2626 6926 Fax: 886-4-2626 7169 E-mail: shvalve8@ms23.hinet.net http://www.shieyu-valve.com.tw



SOCKET & SCREW TYPE



15A-50A FLANGE TYPE



65A-100A FLANGE TYPE

DIMENSIONS TABLE

ANSI Unit:inch

Nom Size DN-inch	D1	D2	D3	d		Øe	n	P	L			A	T	H	B	TestPress (lb/in²)	Working press (lb/in²)
				Socket	Thread				Socket	Thread	Flange						
15(1/2")	0.591	2.375	3.500	0.848	NPT1/2	0.625	4	0.875	4.409	4.409	5.984	3.248	0.590	2.402	1.850	353	235
20(3/4")	0.78	2.750	3.875	1.058	NPT3/4	0.625	4	1.000	5.118	5.118	6.693	3.976	0.590	2.52	2.402	353	235
25(1")	0.984	3.125	4.250	1.325	NPT1	0.625	4	1.125	5.669	5.669	7.441	4.331	0.669	2.559	2.755	353	235
32(1-1/4")	1.496	3.500	4.625	1.670	NPT1-1/4	0.625	4	1.250	6.574	6.574	8.307	4.370	0.669	3.504	3.661	353	235
40(1-1/2")	1.496	3.875	5.000	1.912	NPT1-1/2	0.625	4	1.375	7.283	7.283	9.134	5.051	0.700	3.799	3.661	353	235
50(2")	1.89	4.750	6.000	2.387	NPT2	0.750	4	1.500	7.795	7.795	9.843	6.003	0.820	4.272	4.449	353	235
65(2-1/2")	2.56	5.500	7.000	2.889	NPT2-1/2	0.750	4	1.750	8.976	8.976	10.984	7.480	0.787	5.512	5.905	225	150
80(3")	3.071	6.000	7.500	3.515	NPT3	0.750	4	1.875	10.748	10.748	12.913	9.055	0.905	6.496	7.244	225	150
100(4")	4.01	7.500	9.000	4.518	NPT4	0.750	8	2.250	12.716	12.716	15.236	10.787	0.905	6.772	8.897	225	150

DIN Unit:mm

Nom Size DN-inch	D1	D2	D3	d		Øe	n	P	L			A	T	H	B	TestPress (bar)	Working press (bar)
				Socket	Thread				Socket	Thread	Flange						
15(1/2")	15	65	95	20	R1/2	14	4	16.0	112	112	152	82	15	61	47	24	16
20(3/4")	20	75	105	25	R3/4	14	4	18.5	130	130	170	101	15	65	61	24	16
25(1")	25	85	115	32	R1	14	4	22.0	144	144	189	110	17	70	70	24	16
32(1-1/4")	38	100	140	40	R1-1/4	18	4	26.0	167	167	211	126	17	83	93	24	16
40(1-1/2")	38	110	150	50	R1-1/2	18	4	31.0	185	185	232	126	17	88.7	93	24	16
50(2")	48	125	165	63	R2	18	4	37.5	198	198	250	152	20	108.5	113	24	16
65(2-1/2")	65	145	185	75	R2-1/2	18	4	43.5	228	228	279	190	20	140	150	15	10
80(3")	78	160	200	90	R3	18	8	51.0	273	273	328	230	23	165	184	15	10
100(4")	102	180	220	110	R4	18	8	61.0	323	323	387	274	23	172	226	15	10

※ 本尺表以 PVC 材質為準，本表試壓值以 PVC、PVDF材質為基準，PP材質試壓值為本表試壓值之 70%.

※ 法蘭長度公差依據 EN558-1:1995 標準

※ The dimension table is calculated based on PVC material.
The valve of test pressure is calculated based on PVC PVDF materials.
The valve of test pressure for PP material is 70% based on the table.
The flanged length tolerance is according to EN558-1:1995.



TRUE UNION SAFETY BLOCK BALL VALVE WITH MOUNTING PADS

本產品榮獲NSF 14/NSF 61認證合格

NSF certified listing



CH Series 安全球閥加埋銅座

CH100 SOCKET/ CH200 THERAD/ CH300 FLANGED
Size:DN15-DN100

MATERIALS OF CONSTRUCTION

No.	Parts	Pcs	Materials	No.	Parts	Pcs	Materials
1	BODY	1	UPVC , PP , CPVC , PVDF	9	SOLID END O-RING	1	EPDM , VITON
2	BALL	1	UPVC , PP , CPVC , PVDF	10	SEAT	2	TEFLON
3	STEM	1	UPVC , PP , CPVC , PVDF	11	SEAT CARRIER O-RING	1	EPDM , VITON
4	SEAT CARRIER	1	UPVC , PP , CPVC , PVDF	12	BODY O-RING	1	EPDM , VITON
5	END CONNECTOR	2	UPVC , PP , CPVC , PVDF	13	SEAT O-RING	2	EPDM , VITON
6	UNION NUT	2	UPVC , PP , CPVC , PVDF	14	FLANGES	2	UPVC , PP , CPVC , PVDF
7	HANDLE	1	ABS	15	MOUNTING PAD (UP&DOWN)	15A-50A 4 65A-100A 8	BRASS , SUS304
8	SEAT O-RING	15A-50A 2 65A-100A 2	EPDM , VITON				

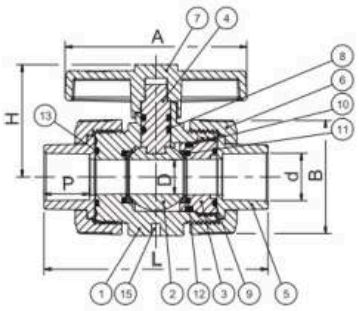
DIMENSIONS TABLE

JIS

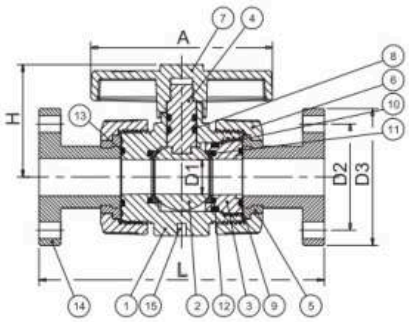
Unit : mm

Nominal Pipe Size	D1	D2	D3	d		e	n	P	L			H	A	B	T	K	E	S	S1	Test press (kgf/cm^2)	Working press (kgf/cm^2)
				Socket	Thread				Socket	Thread	Flange										
15(1/2")	15	70	95	22	PT 1/2"	15	4	22.2	115	115	153	51	82.7	53.2	15	31	–	4	4	22.5	15
20(3/4")	19	75	100	26	PT 3/4"	15	4	25.4	126	126	165	63	101.2	63	15	37	–	6	4	22.5	15
25(1")	25	90	125	32	PT 1"	19	4	28.6	144	144	189	72	111.8	72.2	17	40	–	6	4	22.5	15
32(1-1/4")	38	100	135	38	PT 1-1/4"	19	4	31.8	181	181	226	86	121.4	97	17	55	–	8	4	22.5	15
40(1-1/2")	38	105	140	48	PT 1-1/2"	19	4	34.9	181	181	226	86	121.4	97	19	55	–	8	4	22.5	15
50(2")	48	120	155	60	PT 2"	19	4	38.1	202	202	252	100	149.3	118.9	21	68	–	8	4	22.5	15
65(2-1/2")	65	140	175	76	PT 2-1/2"	19	4	44.5	227	227	281	140	190	150.1	21	80	41	8	8	15	10
80(3")	78	150	185	89	PT 3"	19	8	47.6	275	275	330	165.1	230	183.9	22	80	41	8	8	15	10
100(4")	102	175	210	114	PT 4"	19	8	57.2	321	321	387	172	274	226	22	121	50	8	8	15	10

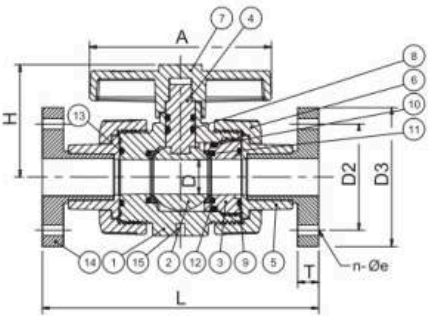
Tel: 886-4-2626 6926 Fax: 886-4-2626 7189 E-mail: shvalve8@ms23.hinet.net http://www.shieyu-valve.com.tw



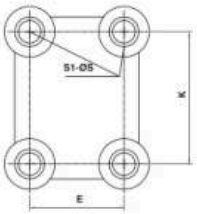
SOCKET & SCREW TYPE



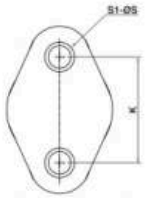
15 A ~ 50A FLANGE TYPE



65A ~ 100A FLANGE TYPE



(ON SIZE DN65~DN100)



(ON SIZE DN15~DN50)

END VIEW

Bolts inserted pad pattern

DIMENSIONS TABLE

ANSI — Unit : inch

Nominal Pipe Size	D1	D2	D3	d		e	n	P	L			H	A	B	T	K	E	S	S1	Test press (kgf/cm²)	Working press (lb/in²)
				Socket	Thread				Socket	Thread	Flange										
15(1/2")	0.59	2.375	3.500	0.848	NPT 1/2"	0.625	4	0.875	4.528	4.528	6.024	2.00	3.25	2.10	0.59	1.22	–	0.157	4	353	235
20(3/4")	0.748	2.750	3.875	1.058	NPT 3/4"	0.625	4	1.000	4.960	4.960	6.496	2.48	3.98	2.48	0.59	1.45	–	0.236	4	353	235
25(1")	0.98	3.125	4.250	1.325	NPT 1"	0.625	4	1.125	5.669	5.669	7.440	2.83	4.40	2.84	0.66	1.57	–	0.236	4	353	235
32(1-1/4")	1.496	3.500	4.625	1.670	NPT 1-1/4"	0.625	4	1.125	7.126	7.126	8.898	3.38	4.78	3.82	0.66	2.16	–	0.315	4	353	235
40(1-1/2")	1.496	3.875	5.000	1.912	NPT 1-1/2"	0.625	4	1.375	7.126	7.126	8.898	3.38	4.78	3.82	0.75	2.16	–	0.315	4	353	235
50(2")	1.89	4.750	6.000	2.387	NPT 2"	0.750	4	1.500	7.953	7.953	9.921	3.93	5.88	4.68	0.83	2.67	–	0.315	4	353	235
65(2-1/2")	2.56	5.500	7.000	2.889	NPT 2-1/2"	0.750	4	1.750	8.937	8.937	11.063	5.51	7.48	5.91	0.83	3.15	1.61	0.315	8	225	150
80(3")	3.07	6.000	7.500	3.515	NPT 3"	0.750	4	1.750	10.826	10.826	12.992	6.50	9.06	7.24	0.866	3.15	1.61	0.315	8	225	150
100(4")	4.01	7.500	9.000	4.518	NPT 4"	0.750	8	2.250	12.638	12.638	15.236	6.77	10.97	8.90	0.866	4.76	1.97	0.315	8	225	150

DIN — Unit : mm

Nominal Pipe Size	D1	D2	D3	d		e	n	P	L			H	A	B	T	K	E	S	S1	Test press (bar)	Working press (bar)
				Socket	Thread				Socket	Thread	Flange										
15(1/2")	15	65	95	20	R 1/2"	14	4	16.0	115	115	153	51	82.7	53.2	15	31	–	4	4	24	16
20(3/4")	19	75	105	25	R 3/4"	14	4	18.5	126	126	165	63	101.2	63	15	37	–	6	4	24	16
25(1")	25	85	115	32	R 1"	14	4	22.0	144	144	189	72	111.8	72.2	17	40	–	6	4	24	16
32(1-1/4")	38	100	140	40	R 1-1/4"	18	4	26.0	181	181	226	86	121.4	97	17	55	–	8	4	24	16
40(1-1/2")	38	110	150	50	R 1-1/2"	18	4	31.0	181	181	226	86	121.4	97	19	55	–	8	4	24	16
50(2")	48	125	165	63	R 2"	18	4	37.5	202	202	253	100	149.3	118.9	21	68	–	8	4	24	16
65(2-1/2")	65	145	185	75	R 2-1/2"	18	4	43.5	227	227	281	140	190	150.1	21	80	41	8	8	15	10
80(3")	78	160	200	90	R 3"	18	8	51.0	275	275	330	165.1	230.1	183.9	22	80	41	8	8	15	10
100(4")	102	180	220	110	R 4"	18	8	61.0	321	321	387	172	274	226	22	121	50	8	8	15	10

※ 本尺表以 PVC 材質為準，本表試壓值以 PVC、PVDF材質為基準，PP材質試壓值為本表試壓值之 70%.

※ 法蘭長度公差依據 EN558-1:1995 標準

※ The dimension table is calculated based on PVC material.
The valve of test pressure is calculated based on PVC PVDF materials.
The valve of test pressure for PP material is 70% based on the table.
The flanged length tolerance is according to EN558-1:1995.



TRUE UNION BALL VALVE (Butt Welding type)



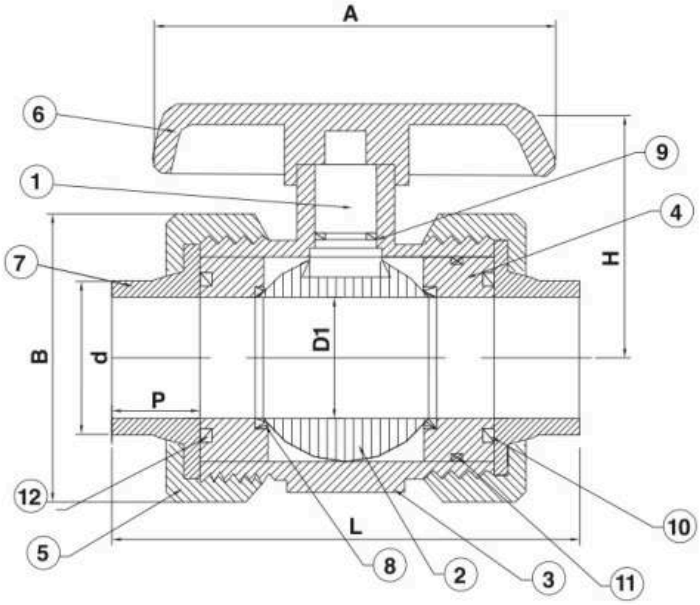
CW Series 雙由任球閥(面對面焊接型)

CW100
Size:1/2"-4"

MATERIALS OF CONSTRUCTION

Item	Parts	Pcs	Material
1	STEM	1	PPG ,PVDF
2	BALL	1	PP,PVDF
3	BODY	1	PP,PVDF
4	SEAT CARRIER	1	PP,PVDF
5	UNION NUT	2	PP,PVDF
6	HANDLE	1	ABS
7	CONNECTOR	2	PP,PVDF
8	SEAT	2	PTFE
9	STEM O-RING	1....DN15-50 2....DN65-100	EPDM,VITON
10	SEAT CARRIER O-RING	1	EPDM,VITON
11	BODY O-RING	1	EPDM,VITON
12	SOLID END O-RING	1	EPDM,VITON

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DN15~DN100

DIMENSIONS TABLE

DIN									Unit:mm
Nom Size DN-inch	D1	d	P	L	A	H	B	Test Pressure (bar)	Working Pressure (bar)
15(1/2")	14	20	16.0	163	82	51	47	15	10
20(3/4")	19	25	18.5	174	101	59	60	15	10
25(1")	25	32	22.0	182	111	70	68	15	10
32(1-1/4")	38	40	26.0	197	126	83	80	15	10
40(1-1/2")	38	50	31.0	191	126	83	92	15	10
50(2")	49	63	37.5	208	152	102	111	15	10
65(2-1/2")	67	75	43.5	212.5	190	140	148	10	7
80(3")	78	90	51.0	309	230	165	181	10	7
100(4")	101	110	61.0	358	274	169.3	222	10	7



新型雙油任球閥 NEW TRUE UNION (DOUBLE UNION) BALL VALVE

本產品榮獲NSF 14/NSF 61認證合格
NSF certified listing



CK Series 新型雙油任球閥

CK100 SOCKET / CK200 THREAD / CK300 FLANGE
SIZE:1/2"~3"

MATERIALS OF CONSTRUCTION

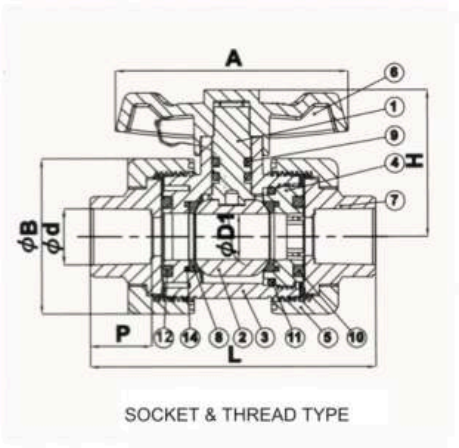
em	Parts	Pcs	Materials	em	Parts	Pcs	Materials
1	STEM	1	UPVC,CPVC	8	SEAT	2	TEFLON
2	BALL	1	UPVC,CPVC	9	STEM O-RING	2	EPDM, VITON
3	BODY	1	UPVC,CPVC	10	END CONNECTOR O-RING	1	EPDM, VITON
4	SEAT CARRIER	1	UPVC,CPVC	11	SEAT CARRIER O-RING	1	EPDM, VITON
5	UNION NUT	2	UPVC,CPVC	12	SOLID END O-RING	1	EPDM, VITON
6	HANDLE	1	ABS	13	FLANGE	2	UPVC, CPVC
7	END CONNECTOR	2	UPVC,CPVC	14	BODY O-RING	2	EPDM,VITON

DIMENSIONS TABLE

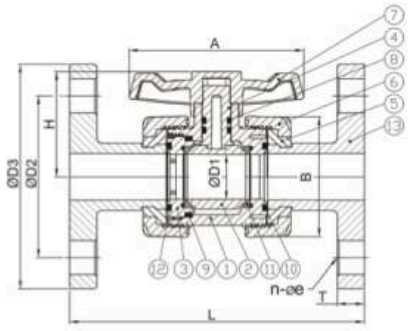
JIS — Unit:mm

Nom Size DN-inch	D1	D2	D3	d		øe	n	P	L			A	T	H	B	TestPress (kgf/cm²)	Working press (kgf/cm²)
				Socket	Thread				Socket	Thread	Flange						
010(3/8")	14	70	95	18.25	PT3/8	15	4	19	88.5	95	130	72	15	46	48	22.5	15
015(1/2")	14	70	95	22	PT1/2	15	4	23	95	95	130	72	15	46	48	22.5	15
020(3/4")	20	75	100	26	PT3/4	19	4	25	106	106	146	85	15	53	59	22.5	15
025(1")	25	90	125	32	PT1	19	4	29	120	120	169	98	17	59	67	22.5	15
032(1-1/4")	32	100	135	38	PT1-1/4	19	4	32	135	135	190	102	17	69	78	22.5	15
040(1-1/2")	40	105	140	49	PT1-1/2	19	4	35	151	151	209	115	17	76	93	22.5	15
050(2")	50	120	155	61	PT2	19	4	39	173	173	250	142	20	92	113	22.5	15
065(2-1/2")	63	145	175	76.5	PT2-1/2	19	4	45	210	210	280	180	20	115	141	15	10
080(3")	75	150	185	89.5	PT3	19	8	48	244	244	300	208	23	135	168	15	10

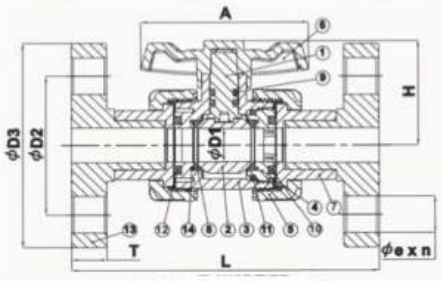
Tel: 886-4-2626 6926 Fax: 886-4-2626 7189 E-mail: shvalve8@ms23.hinet.net http://www.sheyu-valve.com.tw



SOCKET & THREAD TYPE



15A-50A FLANGE TYPE



65A-80A FLANGE TYPE

DIMENSIONS TABLE

ANSI — Unit:mm

Nom Size DN-inch	D1	D2	D3	d		øe	n	P	L			A	T	H	B	TestPress (lb/in²)	Working press (lb/in²)
				Socket	Thread				Socket	Thread	Flange						
010(3/8")	0.567	2.374	3.500	0.687	NPT3/8	0.625	4	0.752	3.480	3.76	5.118	2.835	0.590	1.811	1.890	353	235
015(1/2")	0.567	2.374	3.500	0.848	NPT1/2	0.625	4	0.886	3.756	3.76	5.118	2.835	0.590	1.811	1.890	353	235
020(3/4")	0.780	2.752	3.874	1.058	NPT3/4	0.625	4	1.000	4.156	4.16	5.748	3.346	0.590	2.087	2.323	353	235
025(1")	0.988	3.126	4.248	1.325	NPT1	0.625	4	1.126	4.724	4.72	6.653	3.858	0.669	2.283	2.638	353	235
032(1-1/4")	1.254	3.500	4.626	1.670	NPT1-1/4	0.625	4	1.252	5.315	5.315	7.480	4.016	0.669	2.717	3.071	353	235
040(1-1/2")	1.559	3.913	5.000	1.912	NPT1-1/2	0.625	4	1.378	5.691	5.691	8.228	4.528	0.700	2.992	3.661	353	235
050(2")	1.969	4.752	6.000	2.387	NPT2	0.750	4	1.476	6.744	6.744	9.842	5.591	0.820	3.622	4.449	353	235
065(2-1/2")	2.563	5.500	6.969	2.889	NPT2-1/2	0.750	4	1.772	8.267	8.267	11.020	7.087	0.787	4.527	5.590	235	150
080(3")	3.031	6.000	7.500	3.516	NPT3	0.750	4	1.890	9.606	9.606	11.81	8.819	0.905	5.315	6.614	235	150

DIN — Unit:mm

Nom Size DN-inch	D1	D2	D3	d		øe	n	P	L			A	T	H	B	TestPress (bar)	Working press (bar)
				Socket	Thread				Socket	Thread	Flange						
010(3/8")	14	65	95	16.2	R3/8	14	4	14.6	79.2	88	130	72	15	46	48	24	16
015(1/2")	14	65	95	20.1	R1/2	14	4	16	95	88	130	72	15	46	48	24	16
020(3/4")	20	75	105	25.2	R3/4	14	4	19	92	92	146	85	16	53	59	24	16
025(1")	25	85	115	32.2	R1	14	4	22	107	107	169	98	17	59	67	24	16
032(1-1/4")	32	100	140	40.2	R1-1/4	18	4	26	123	123	190	102	17	69	78	24	16
040(1-1/2")	40	110	150	50.2	R1-1/2	18	4	31	143	143	209	115	18	76	93	24	16
050(2")	50	125	185	63.2	R2	18	4	38	171	171	250	142	20	92	113	24	16
065(2-1/2")	63	145	185	75.2	R2-1/2	18	4	45	210	210	280	180	20	115	141	15	10
080(3")	75	160	200	90.2	R3	18	8	51	244	250	300	208	23	135	168	15	10

※ 本尺表以 PVC 材質為準，本表試壓值以 PVC、PVDF材質為基準，PP材質試壓值為本表試壓值之 70%.

※ 法蘭長度公差依據 EN558-1:1995 標準

※ The dimension table is calculated based on PVC material.
The valve of test pressure is calculated based on PVC PVDF materials.
The valve of test pressure for PP material is 70% based on the table.
The flanged length tolerance is according to EN558-1:1995.

Other Type Ball Valve
其他球閥 系列

- Material: UPVC, PP, CPVC, PPG, PVDF
- Size: 1/2"~6"

- 材質：UPVC, PP, CPVC, PPG, PVDF
- 尺寸：1/2"~6"





SINGLE UNION BALL VALVE



CS Series 單由任球閥

CS100 SOCKET / CS200 THREAD

MATERIALS OF CONSTRUCTION

Item	Parts	Pcs	Materials	Item	Parts	Pcs	Materials
1	Body	1	UPVC, PP	7	Seat	2	PTFE
2	Seat Carrier	1	UPVC, PP	8	Stem O-ring	1	EPDM,VITON
3	End Connector	1	UPVC, PP	9	Seat Carrier O-ring	1	EPDM,VITON
4	Union Nut	1	UPVC, PP	10	Body- O-ring	1	EPDM,VITON
5	Ball	1	UPVC, PP	11	Handle	1	ABS
6	Stem	1	UPVC, PP				

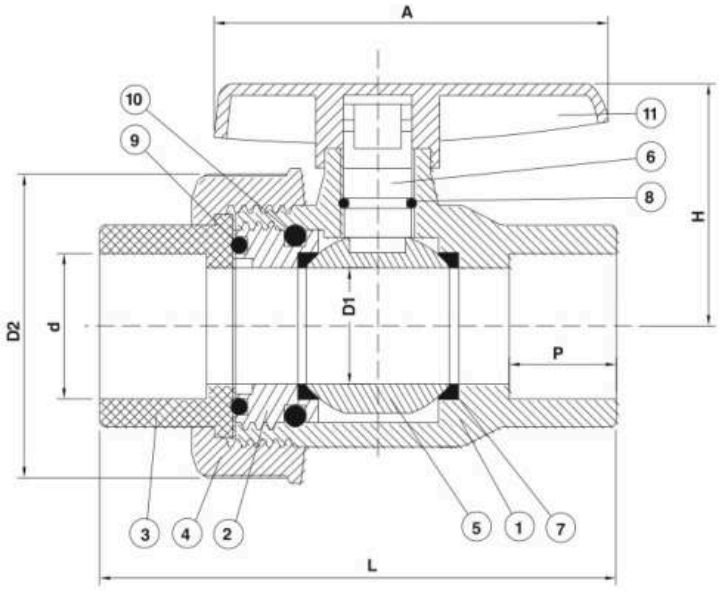
DIMENSIONS TABLE

JIS

Unit: mm

Nom DN	Size inch	D1	d		D2	L		P	H	A	Test press (kgf/cm²)	Working press (kgf/cm²)
			Socket	Thread		Socket	Thread					
15	1/2"	15	22	PT1/2"	53	97	97	22.2	51	66	15	10
20	3/4"	18	26	PT3/4"	64	111	111	25.4	65	75	15	10
25	1"	25	32	PT 1"	73	122	122	28.6	71	85	15	10
32	1-1/4"	39	38	PT1-1/4"	98	158	158	31.8	86	109	15	10
40	1-1/2"	39	48	PT1-1/2"	98	158	158	34.9	86	109	15	10
50	2"	48	60	PT 2"	117	173	173	38.1	104	134	15	10

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DN15~DN50

DIMENSIONS TABLE

ANSI — Unit: inch

Nom DN	Size inch	D1	d		D2	L		P	H	A	Test press (lb/in²)	Working press (lb/in²)
			Socket	Thread		Socket	Thread					
15	1/2"	0.59	0.840	NPT 1/2"	2.09	3.82	3.82	0.875	2.01	2.60	235	150
20	3/4"	0.71	1.050	NPT 3/4"	2.52	4.37	4.37	1.000	2.56	2.95	235	150
25	1"	0.98	1.315	NPT 1"	2.87	4.80	4.80	1.125	2.80	3.35	235	150
32	1-1/4"	1.54	1.660	NPT1-1/4"	3.86	6.22	6.22	1.250	3.39	4.29	235	150
40	1-1/2"	1.54	1.900	NPT1-1/2"	3.86	6.22	6.22	1.375	3.39	4.29	235	150
50	2"	1.89	2.375	NPT 2"	4.61	6.81	6.81	1.500	4.09	5.29	235	150

DIN — Unit: mm

Nom DN	Size inch	D1	d		D2	L		P	H	A	Test press (bar)	Working press (bar)
			Socket	Thread		Socket	Thread					
15	1/2"	15	22	R1/2"	53	97	97	16	51	66	15	10
20	3/4"	18	25	R3/4"	64	111	111	18.5	65	75	15	10
25	1"	25	32	R 1"	73	122	122	22.0	71	85	15	10
32	1-1/4"	39	40	R1-1/4"	98	158	158	26.0	86	109	15	10
40	1-1/2"	39	50	R1-1/2"	98	158	158	31.0	86	109	15	10
50	2"	48	63	R 2"	117	173	173	37.5	104	134	15	10

※ 本尺表以 PVC 材質為準，本表試壓值以 PVC 材質為基準，PP材質試壓值為本表試壓值之 70%.

※ The dimension table is calculated based on PVC material.
The valve of test pressure is calculated based on PVC materials.
The valve of test pressute for PP material is 70% based on this table.

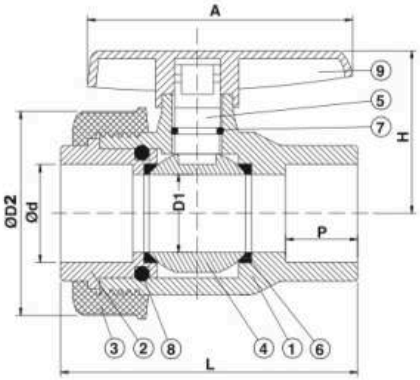


SINGLE UNION BALL VALVE(Simple Type)



CP Series 單由任球閥（簡單型）

CP100 SOCKET
CP200 THREAD



MATERIALS OF CONSTRUCTION

Item	Parts	Pcs	Materials	Item	Parts	Pcs	Materials
1	Body	1	UPVC	6	Seat	2	PTFE
2	Connector	1	UPVC	7	Stem O-ring	1	EPDM
3	Union Nut	1	UPVC	8	Body- O-ring	1	EPDM
4	Ball	1	UPVC	9	Handle	1	ABS
5	Stem	1	UPVC				

DIMENSIONS TABLE

JIS — Unit: mm

Nominal Pipe Size / Called Name	D1	d		D2	L		P	H	A	Test press (kgf/cm²)	Working press (kgf/cm²)
		Socket	Thread		Socket	Thread					
40 (1-1/2")	41	48	PT1-1/2"	95	121	121	34.9	84	109	15	10
50 (2")	50	60	PT 2"	133	133	133	38.1	101	134	15	10

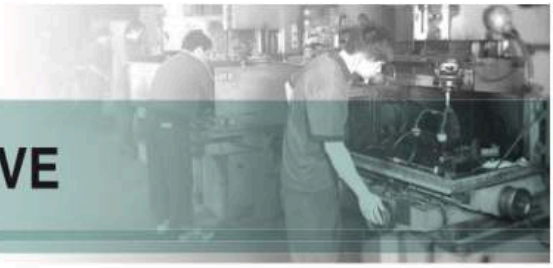
ANSI — Unit: inch

Nominal Pipe Size / Called Name	D1	d		D2	L		P	H	A	Test press (lb/in²)	Working press (lb/in²)
		Socket	Thread		Socket	Thread					
40 (1-1/2")	1.614	1.900	NPT1-1/2"	3.740	4.764	4.764	1.375	3.307	4.291	235	150
50 (2")	1.969	2.375	NPT 2"	4.449	5.255	5.255	1.500	3.976	5.295	235	150

DIN — Unit: mm

Nominal Pipe Size / Called Name	D1	d		D2	L		P	H	A	Test press (bar)	Working press (bar)
		Socket	Thread		Socket	Thread					
40 (1-1/2")	41	50	R1-1/2"	95	121	121	31	84	109	15	10
50 (2")	50	63	R2"	113	133	133	37.5	101	134	15	10

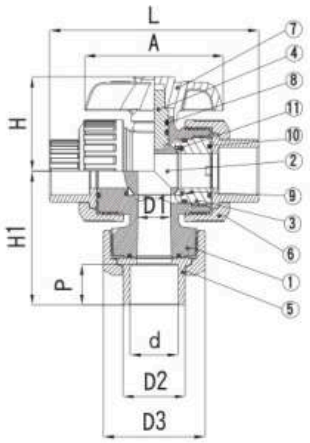
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THREE-WAY BALL VALVE

The Vertical Diverter Type





MATERIALS OF CONSTRUCTION

No.	Parts	Pcs	Materials	No.	Parts	Pcs	Materials	No.	Parts	Pcs	Materials
1	Body	1	UPVC	5	End Connector	3	UPVC	9	Body O'ring	2	Seat
2	Ball	1	UPVC	6	Union Nut	3	UPVC	10	End O'ring	3	EPDM
3	Seat Carrier	1	UPVC	7	Handle	1	ABS	11	Seat	2	EPDM
4	Stem	1	UPVC	8	Stem O'ring	2	EPDM				

DINENSIONS TABLE

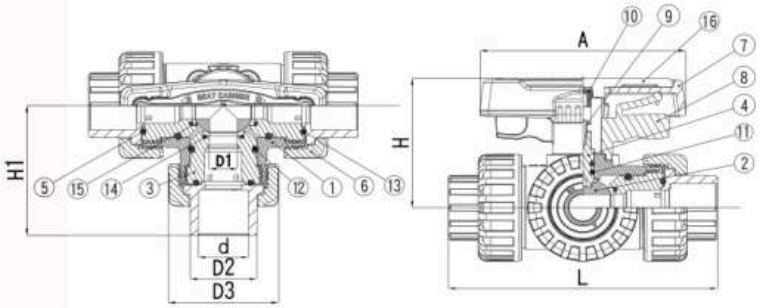
Nom. Size DN (inch)	A	L	H	H1	D1	D2	D3	d			P			Working press (kgf/cm²)
								JIS	ANSI	DIN	JIS	ANSI	DIN	
025(1")	100.0	149.0	67.0	95.5	25.0	44.5	72.5	32.3	33.65	32.3	28.6	28.6	22.0	10.0

CT Series 三通球閥

The Horizontal Type

CT100 SOCKET / CT200 THREAD





MATERIALS OF CONSTRUCTION

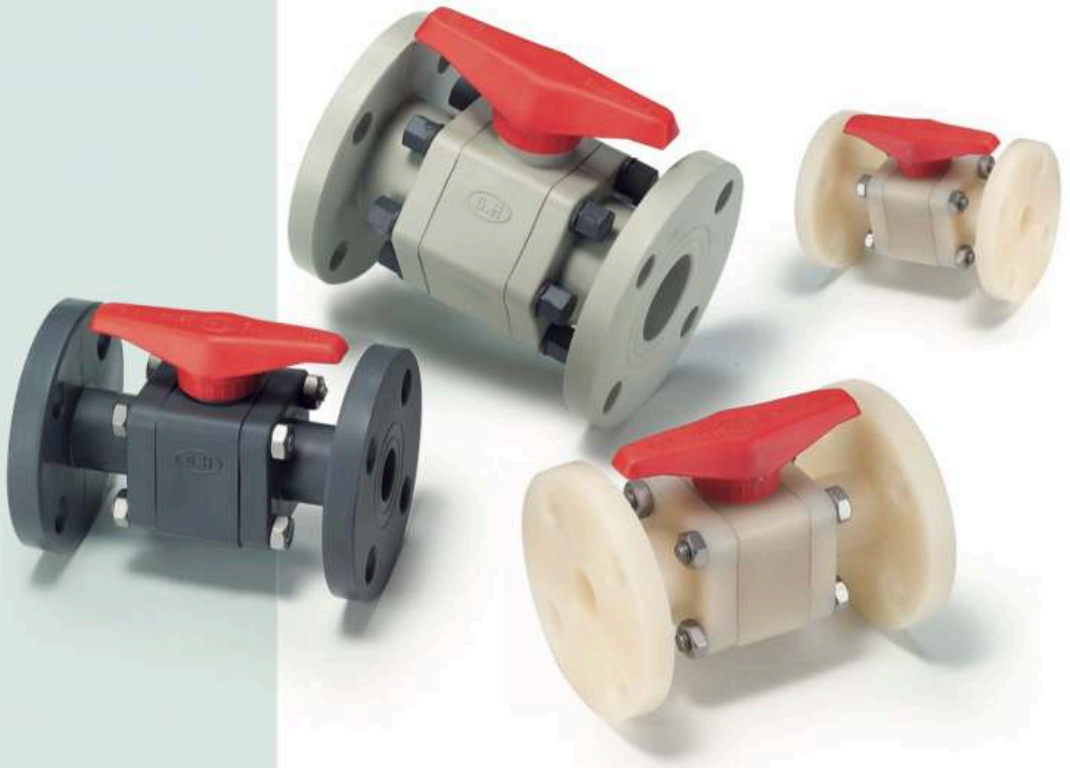
No.	Parts	Pcs	Materials	No.	Parts	Pcs	Materials	No.	Parts	Pcs	Materials	No.	Parts	Pcs	Materials
1	Body	1	UPVC	5	End Connector	3	UPVC	9	Screw	1	SUS304	13	End O'ring	3	EPDM
2	Ball	1	UPVC	6	Union Nut	3	UPVC	10	Cap	1	ABS	14	Body O'ring	3	EPDM
3	Seat Carrier	3	UPVC	7	Handle	1	ABS	11	Stem O'ring	2	EPDM	15	Seat	3	TEFLON
4	Stem	1	UPVC	8	Handle Fasteners	2	PP	12	Seat Carrier O'ring	3	EPDM	16	Handle on plate	1	ABS

DINENSIONS TABLE

Nom. Size DN (inch)	A	H	H1	D3	JIS					ANSI					DIN					CNS					Working press (kgf/cm²)(bar)
					L	P	d	D1	D2	L	P	d	D1	D2	L	P	d	D1	D2	L	P	d	D1	D2	
020(3/4")	110.0	71.7	72.0	44.5	144.5	25.4	26.3	15.5	35.7	144.7	25.4	26.9	15.5	35.7	130.2	18.5	25.2	15.0	35.7	-	-	-	-	-	10.0
025(1")	110.0	79.0	79.8	67.3	160.0	28.6	32.3	18.4	44.0	160.0	28.6	33.7	18.4	44.0	146.4	22.0	32.3	18.4	44.0	160.0	28.6	34.35	18.4	44.0	10.0



STRONG UNION BALL VALVE



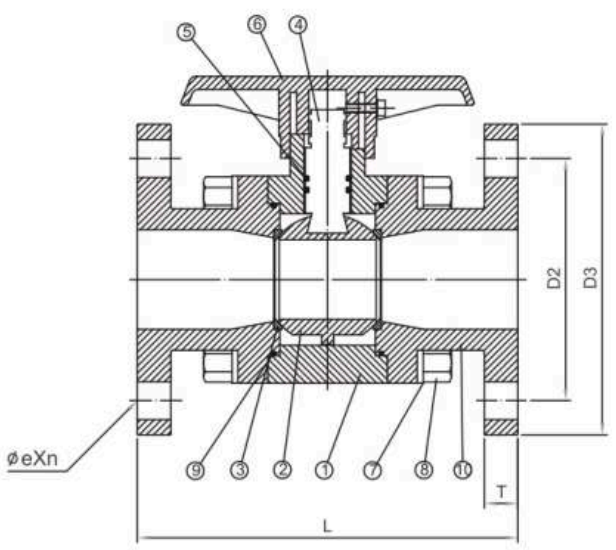
CG Series 強力型球閥

CG300
Size: DN15-DN150

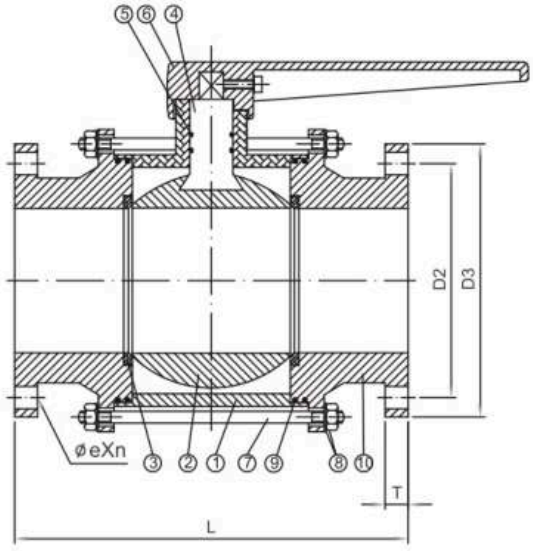
MATERIALS OF CONSTRUCTION

No.	Parts	Pcs	Materials	No.	Parts	Pcs	Materials
1	Body	1	UPVC, CPVC, PP, PVDF	6	Handle	1	15A~150A.....ABS
2	Ball	1	UPVC, CPVC, PP, PVDF	7	Bolt	15A-32A 4	SUS-304
3	Seat	2	TEFLON	8	NUT&WASHER	40A-80A 6 100A 8 150A 10	40A-80A PVC COATED BRASS 15A-32A,100A-150A SUS-304
4	Shaft	1	UPVC, CPVC, PPG, PVDF	9	Flange O-Ring	15A-65A 2 80A-150A 4	EPDM, VITON
5	O-Ring	15A,20A 1 25A~150A 2	EPDM, VITON	10	Flange	2	UPVC, CPVC, PP, PVDF

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DN015~DN080



DN100~DN150

SPECIFICATIONS:

1.Test Press: ①{15mm-1/2"~65mm-2$^1/_2$"}:15kgf/cm^2 (bar)(235 lb/in^2)	2.Working Press: ①{15mm-1/2"~65mm-2$^1/_2$"}:10kgf/cm^2 (bar)(150 lb/in^2)
②{80mm-3"~150mm-6"}: 10kgf/cm^2 (bar)(150 lb/in^2)	②{80mm-3"~150mm-6"}: 7kgf/cm^2 (bar)(100 lb/in^2)

DIMENSIONS TABLE

Standards Nom. size DN-inch	JIS Unit:mm						ANSI Unit:inch						DIN Unit:mm					
	D3	D2	L Flange end	n	øe	T	D3	D2	L Flange end	n	øe	T	D3	D2	L Flange end	n	øe	T
15(1/2")	95	70	146	4	15	13	3.50	2.38	5.75	4	0.63	0.51	95	65	146	4	14	13
20(3/4")	100	75	152	4	15	15	3.88	2.76	5.98	4	0.63	0.59	105	75	152	4	14	15
25(1")	125	90	172	4	19	16	4.25	3.13	6.77	4	0.63	0.63	115	85	172	4	14	16
32(1-1/4")	135	100	175	4	19	16	4.62	3.50	6.89	4	0.71	0.63	140	100	175	4	18	16
40(1-1/2")	140	105	182	4	19	18	5.00	3.88	7.17	4	0.71	0.71	150	110	182	4	18	18
50(2")	155	120	189	4	19	18	6.00	4.74	7.44	4	0.71	0.71	165	125	189	4	18	18
65(2-1/2")	175	140	218	4	19	20	7.00	5.49	8.58	4	0.75	0.78	185	145	218	4	18	20
80(3")	185	150	244	8	19	20	7.50	6.00	9.61	4	0.75	0.78	200	160	244	8	18	20
100(4")	210	175	296	8	19	23	9.00	7.50	11.65	8	0.78	0.90	220	180	296	8	18	23
125(5")	250	210	390	8	23	24	10.00	8.50	15.35	8	0.87	0.94	250	210	390	8	18	24
150(6")	280	240	390	8	23	24	11.00	9.50	15.35	8	0.87	0.94	280	240	390	8	23	24

※ 本尺表以 PVC 材質為準，本表試壓值以 PVC、PVDF材質為基準，PP材質試壓值為本表試壓值之 70%.
※ 法蘭長度公差依據 EN558-1:1995 標準

※ The dimension table is calculated based on PVC material.
The valve of test pressure is calculated based on PVC PVDFmaterials.
The valve of test pressute for PP material is 70% based on this table.
The flanged length tolerance is according to EN558-1:1995.



NEW STRONG UNION BALL VALVE



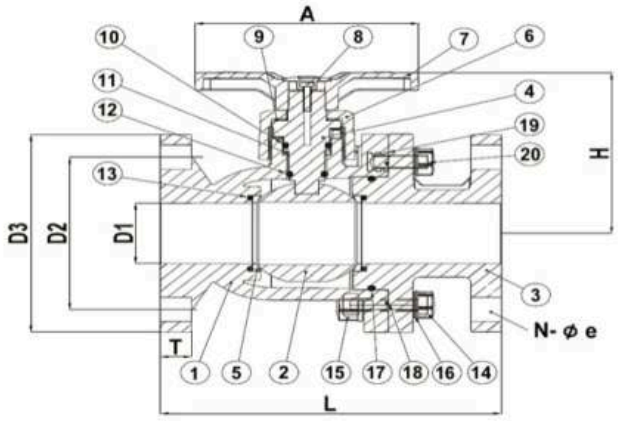
CF Series 新強力型球閥-法蘭式

CF300
Size: DN15-DN150

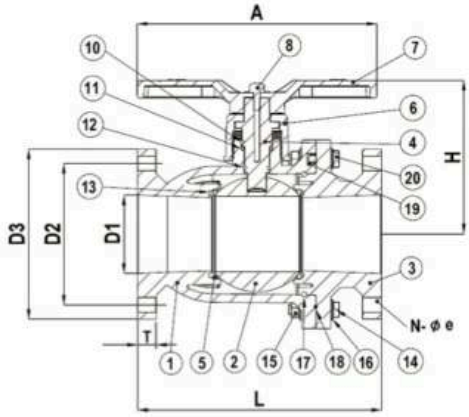
MATERIALS OF CONSTRUCTION

No.	Parts	Pcs	Materials	No.	Parts	Pcs	Materials	No.	Parts	Pcs	Materials
1	Body	1	UPVC/CPVC	11	Washer	1	PE	16	Washer	Washer10/Spring washer 10 (015~050)	SUS 304
2	Ball	1	UPVC/CPVC	12	Stem O-ring2	1	EPDM/VITON			Washer14/Spring washer 14 (065~080)	
3	Flange	1	UPVC/CPVC	13	Stem O-ring	2	EPDM/VITON			Washer16/Spring washer 16 (100)	
4	Sahft	1	UPVC/CPVC	14	Bolt 1	4(015~025)	SUS 304(UPVC)				
5	Seat	2	TEFLON			4(030~050)/6(065~080)	SUS 304	17	Body O-ring	1	EPDM/VITON
6	Gland Nut	1	UPVC/CPVC			8(100)	SUS 304	18	Solid End O-ring	1	EPDM/VITON
7	Handle	1	ABS	15	Nut	4(015~025)	SUS 304(UPVC)	19	Mounting Pad	2(100no)	SUS 304
8	Cap	1	ABS			8(030~050)/10(065~080)	SUS 304	20	Bolt 2(stud bolts)	2(015~025)	SUS 304
9	Gasket	1(065~100no)	PE			8(100)	SUS 304			2(030~080)(100no)	SUS 304(UPVC)
10	Stem O-ring1	1	EPDM/VITON								SUS 304

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15A~50A



65A~100A

DIMENSIONS TABLE

JIS											
Nom. Size DN(inch)	L	A	H	N	e	D1	D2	D3	T	Test Press (kfg/cm²)	Working Press (kfg/cm²)
(15)1/2"	146.00	110.10	83.80	4	15.0	13.7	70.00	94.80	15.0	15	10
(20)3/4"	150.00	110.10	87.80	4	15.0	19.3	75.00	99.50	15.0	15	10
(25)1"	170.3	110.10	93.20	4	19.0	24.7	90.00	103.50	16.0	15	10
(32)1-1/4"	174.60	138.50	114.00	4	19.0	31.7	100.00	127.00	16.0	15	10
(40)1-1/2"	191.30	138.50	119.00	4	19.0	39.0	105.00	140.50	19.0	15	10
(50)2"	211.30	138.50	126.60	4	19.0	49.0	120.00	156.20	19.0	15	10
(65)2-1/2"	262.00	260.00	184.50	4	19.0	66.0	140.00	176.10	20.0	10	7
(80)3"	267.60	296.00	178.20	8	19.0	76.5	150.00	186.00	20.0	10	7
(100)4"	301.30	296.00	190.60	8	19.0	97.0	175.00	211.00	23.0	10	7

※ Standard dimensions based on PVC material

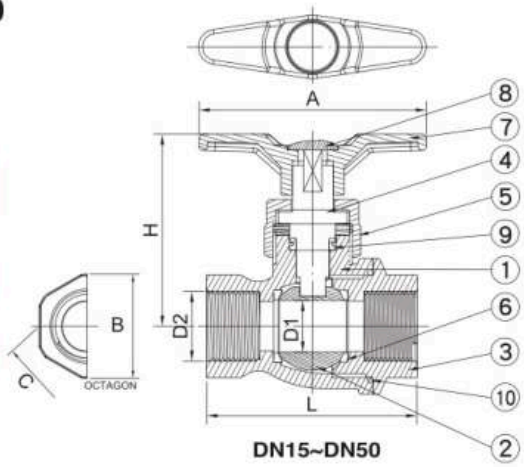


NATURE BALL VALVE



CN Series 自強型球閥

THREAD CN200
Size: DN15~DN50



DN15~DN50

MATERIALS OF CONSTRUCTION

No.	Parts	Pcs	Materials	No.	Parts	Pcs	Materials
1	Body	1	UPVC	6	Seat	1	TEFLON
2	Ball	1	UPVC	7	Handle	1	ABS
3	End Connector	1	UPVC	8	Cap	1	PP
4	Stem	1	UPVC	9	Stem O-ring	1	EPDM
5	Gland Nut	1	UPVC	10	Body O-ring	1	EPDM

DIMENSIONS TABLE

DIMENSIONS — Unit: mm

Nom. Size. DN-inch	D1	D2			L	H	A	B	C	Testpress (kgf/cm²) (bar)	Working press (kgf/cm²) (bar)
		JIS	ANSI	DIN							
15(1/2")	13	PT1/2	NPT1/2	R1/2	80	77	88	35	32	15	10
20(3/4")	19	PT3/4	NPT3/4	R3/4	89	80	88	45	41	15	10
25(1")	25	PT1	NPT1	R 1	104	93	109	50	46	15	10
32(1-1/4")	25	PT1 1/4	NPT1 1/4	R1 1/4	117	93	109	60	55	15	10
40(1-1/2")	32	PT1 1/2	NPT1 1/2	R1 1/2	129	115	133	73	69	15	10
50(2")	39	PT2	NPT2	R 2	149	120	133	83	79	15	10

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LABCOCK BALL VALVE

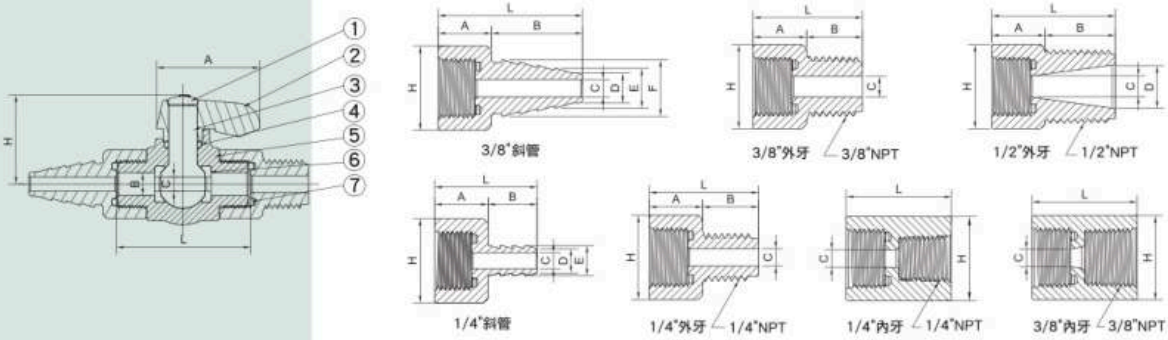


CL Series 實驗式球閥

Size: 1/4"- 3/8", Color: Grey or White

Other Available Combinations Choice:

- 1/4" Female x 1/4" Hose
- 1/4" Female x 3/8" Hose
- 3/8" Female x 1/4" Hose
- 3/8" Female x 3/8" Hose
- 1/4" Male x 1/4" Male
- 1/4" Male x 1/4" Hose
- 1/4" Male x 3/8" Hose
- 3/8" Male x 1/4" Hose
- 3/8" Male x 3/8" Hose
- 1/4" Hose x 1/4" Hose
- 3/8" Hose x 3/8" Hose



MATERIALS OF CONSTRUCTION

Item	Parts	Pcs	Materials
1	Cap	1	UPVC
2	Handle	1	ABS
3	Ball	1	UPVC
4	O'ring	1	EPDM
5	Body	1	UPVC
6	Seat	2	EPDM
7	Seat Carrier O-ring	1	EPDM

DIMENSIONS TABLE

Unit: mm

Nom. Size. DN-inch	L	H	A	B	C	D	E	F	Testpress (kgf/cm²)(bar)	Working press (kgf/cm²)(bar)
1/4" HOSE	37.68	25.04	29.04	6.4	4.0				15	10
3/8" HOSE	41.2	24	15.2	26	5	8.5	11.35	11.65	15	10
3/8" MPT	31.2	24	15.2	16	6				15	10
1/2" MPT	35.24	24	15.2	20.04	5.95	12.1			15	10
1/4" FPT	29.19	24	15.2	26	4.5	6.95	8.65		15	10
1/4" MPT	31.2	24	15.2	16	5				15	10
1/4" FPT	30	24			5				15	10
3/8" FPT	30	24			5.11				15	10

Plumbing Valve

Plumbing閥種 系列

- Material: UPVC, PP, CPVC, PVDF
- Size: 1/2"~6"

- 材質：UPVC, PP, CPVC, PVDF
- 尺寸：1/2"~6"





COMPACT BALL VALVE

本產品榮獲NSF 14/NSF 61認證合格

NSF certified listing



CC Series 緊密型球閥

CC100 SOCKET/ CC200 THREAD
Size:DN10~DN125

Compact Ball Valves Torque Value

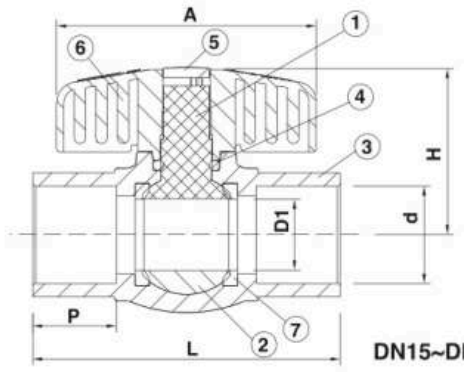
	Torque Value(kgf/cm²)			
	EPDM-SEAT		PTFE -SEAT	
SIZE	OPEN	CLOSE	OPEN	CLOSE
1/2"	12-22	12-22	10-20	20-30
3/4"	20-30	30-40	20-30	25-35
1"	26-36	43-53	30-40	30-40
1-1/4"	44-59	44-59	50-65	70-85
1-1/2"	50-65	60-75	47-62	60-75
2"	50-70	100-120	60-80	120-140
2-1/2"	80-100	70-90	-	-
3"	140-160	130-150	-	-
4"	160-180	150-170	-	-
5"	-	-	195-215	235-255
6"	-	-	195-215	235-255

1Kg.cm=0.0981N.m

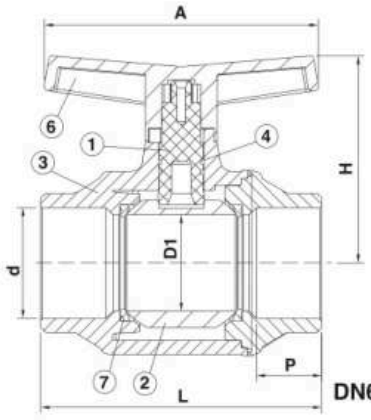
MATERIALS OF CONSTRUCTION

Item	Parts	Pcs	Materials	Item	Parts	Pcs	Materials	Item	Parts	Pcs	Materials
1	Stem	1	UPVC	7	Seat	2	PTFE	13	Washer	1	PP
2	Ball	1	UPVC	8	Body O'ring	2	EPDM	14	Bolt ($\frac{3}{4}$"x $\frac{3}{16}$")	1	SUS 304
3	Body	1	UPVC	9	Activities Jumper	1	PVDF	15	Seat Carrier	1	UPVC
4	Stem O'ring	2	EPDM	10	Handle Lever	1	P P	16	End Connector	1	UPVC
5	Cap	1	PP	11	Jumper	1	ABS				
6	Handle	1	ABS	12	Seat Carrier O'ring	2	EPDM				

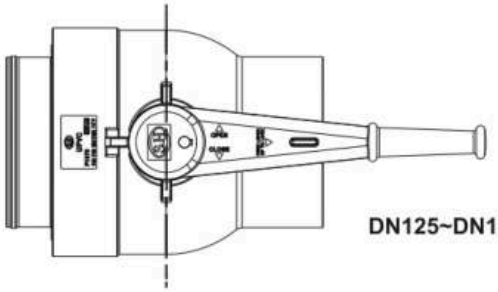
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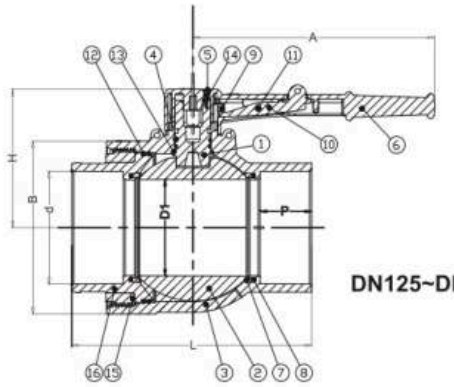
DN15~DN50



DN65~DN100



DN125~DN150



DN125~DN150

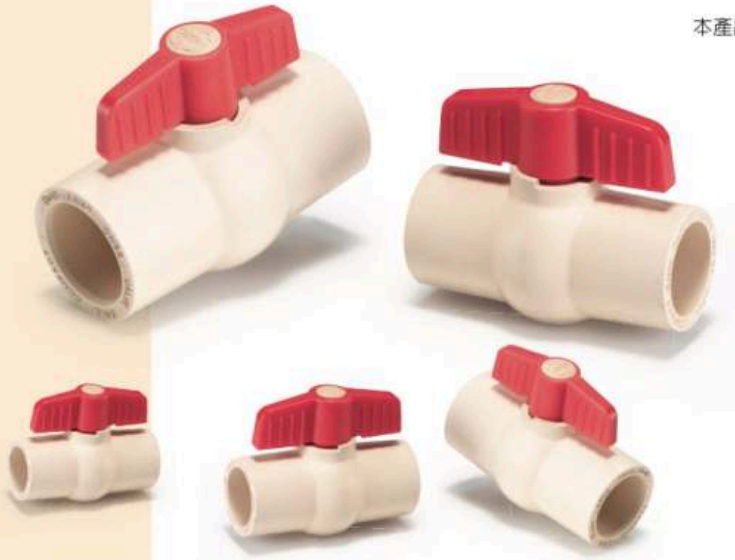
DIMENSIONS TABLE

Standards	JIS									ANSI								DIN								
Unit:mm										Unit:inch								Unit:mm								
Nom.Size DN-inch	D1	d		P	L	H	A	Test Press. (kgf/cm²)	Working press (kgf/cm²)	D1	d		P	L	H	A	Test Press. (lb/in²)	Working press (kgf/cm²)	D1	d		P	L	H	A	Test Press. (bar)	Working press (bar)
		Socket	Thread								Socket	Thread								Socket	Thread						
15(1/2")	15	22	PT1/2	22.2	79	47	70	15	10	0.591	0.840	NPT1/2	0.875	3.110	1.850	2.756	225	150	15	20	R1/2	16.0	79	47	70	15	10
20(3/4")	20	26	PT 3/4	25.4	90.5	57	77	15	10	0.787	1.050	NPT3/4	1.000	3.562	2.244	3.031	225	150	20	25	R3/4	18.5	90.5	57	77	15	10
25(1")	25	32	PT1	28.6	106.5	61	89	15	10	0.984	1.315	NPT1	1.125	4.173	2.402	3.504	225	150	25	32	R1	22.0	106.5	61	89	15	10
32(1-1/4")	32	38	PT1-1/4	31.8	123	66	89	15	10	1.260	1.660	NPT1-1/4	1.250	4.842	2.598	3.504	225	150	32	40	R1-1/4	26.0	123	66	89	15	10
40(1-1/2")	39	48	PT1-1/2	34.9	129	74	111	15	10	1.535	1.900	NPT1-1/2	1.375	5.098	2.913	4.370	225	150	39	50	R1-1/2	31.0	129	74	111	15	10
50(2")	50	60	PT2	38.1	150.5	80	139	15	10	1.969	2.375	NPT2	1.500	5.925	3.150	5.472	225	150	50	63	R2	37.5	150.5	80	139	15	10
*65(2-1/2")	66	76	PT2-1/2	44.5	194	141	190	15	10	2.598	2.875	NPT2-1/2	1.750	7.638	5.550	7.48	225	150	66	75	R2-1/2	43.5	194	141	190	15	10
*80(3")	78	89	PT3	47.6	233	154	230	15	10	3.071	3.500	NPT3	1.875	9.173	6.063	9.005	225	150	78	90	R3	51.0	233	154	230	15	10
*100(4")	100	114	PT4	57.6	280	170	274	15	10	3.94	4.500	NPT4	2.250	11.00	6.7	10.79	225	150	100	110	R4	61.0	280	170	274	15	10
*125(5")	144.5	168.5	PT5	77	384.6	207	261.5	15	10	5.69	6.65	NPT5	3.03	15.14	7.17	8.15	225	150	144.5	166	R5	77	384.6	207	361.5	15	10
*150(6")	144.5	168.5	PT6	77	357	207	361.5	15	10	5.69	6.65	NPT6	3.03	14.05	7.17	8.15	225	150	144.5	166	R6	77	357	207	361.5	15	10



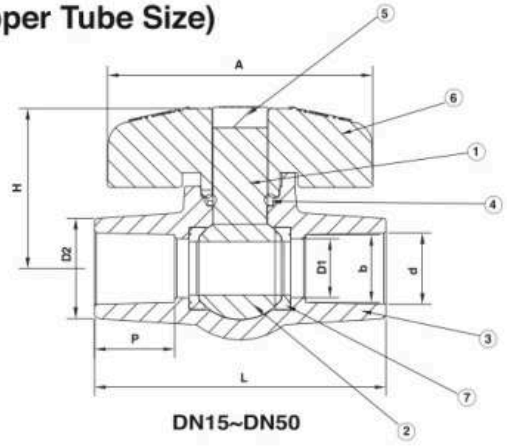
CPVC-CTS COMPACT BALL VALVE

本產品榮獲NSF 14/NSF 61認證合格
NSF certified listing



CTS Series 緊密型球閥（熱水銅管用）

CTS100 SOCKET
Size: 1/2"- 2" (Copper Tube Size)



DN15~DN50

MATERIALS OF CONSTRUCTION

Item	Parts	Pcs	Materials
1	Stem	1	CPVC
2	Ball	1	CPVC
3	Body	1	CPVC
4	Stem O'ring	2	EPDM
5	Cap	2	ABS
6	Handle	1	ABS
7	Seat	2	PTFE

DIMENSIONS TABLE

Uniti:inch

Standards Nom, Size DN-Inch	DIMENSIONS							
	A	H	L	d	b	P	D1	D2
15(1/2")	2.441	1.327	2.701	0.633	0.619	0.709	0.504	0.965
20(3/4")	2.809	1.791	3.120	0.884	0.870	0.882	0.742	1.248
25(1")	2.988	2.185	3.551	1.135	1.121	1.020	0.756	1.512
32(1-1/4")	3.528	2.402	4.024	1.386	1.372	1.102	0.961	1.740
40(1-1/2")	4.098	2.539	4.598	1.640	1.622	1.299	1.260	2.134
50(2")	4.378	2.894	5.110	2.141	2.123	1.496	1.496	2.563

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MALE THREADED COMPACT BALL VALVE

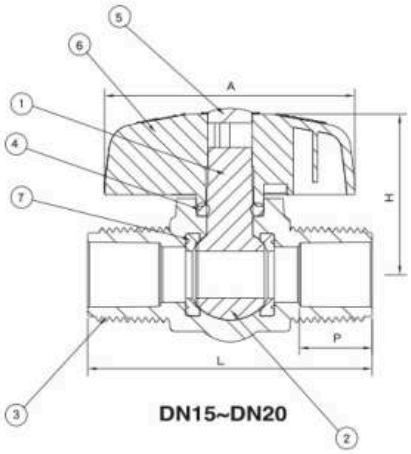


CM Series 雙外牙緊密型球閥

CM200
Size: 1/2", 3/4"

MATERIALS OF CONSTRUCTION

No.	Parts	Pcs	Materials	No.	Parts	Pcs	Materials
1	STEM	1	UPVC	5	CAP	1	ABS
2	BALL	1	UPVC	6	HANDLE	1	ABS
3	BODY	1	UPVC	7	SEAT	2	EPDM,PTFE
4	STEM O ' ring	1	EPDM				



DN15~DN20

DIMENSIONS TABLE

Standards Nom. size DN-inch	JIS Unit: mm						ANSI Unit: inch						DIN Unit: mm						
	d Thread	P	L	H	A		d Thread	P	L	H	A		d Thread	P	L	H	A	Test Press (Kg/cm²) (bar)	Working Press (kgf/cm²) (bar)
15(1/2")	PT1/2	-	-	47	70		NPT 1/2	0.875	3.110	1.850	2.756		R1/2	16.0	79	47	70	15	10
20(3/4")	PT3/4	-	-	57	77		NPT 3/ 4	1.000	3.543	2.244	3.031		R3/4	18.5	90	57	77	15	10



UNION

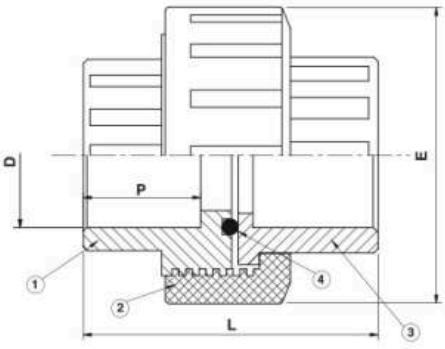
本產品榮獲NSF 14/NSF 61認證合格
NSF certified listing



EU Series 油任接頭

EU 100:SOCKET / EU 200: THREAD
Size: 1/2" to 4"

No.	Parts	Materials	Pcs
1	BODY	UPVC, PP, CPVC, PVDF	1
2	UNION NUT	UPVC, PP, CPVC, PVDF	1
3	END CONNRCTOR	UPVC, PP, CPVC, PVDF	1
4	O'RING	EPDM,VITON	1



DN15~DN100

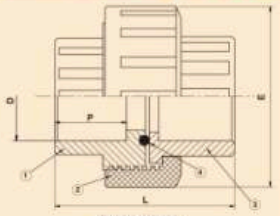
Nom.Size m/m(inch)	E	D			L		P		
		JIS	ANSI	DIN	S	TS	JIS	ANSI	DIN
15(1/2")	47	22	21.3	20	55	57	22.22	22.22	16.0
20(3/4")	61	26	26.7	25	68	64	25.40	25.40	18.5
25(1")	70	32	33.4	32	75	72	28.60	28.60	22.0
25(1")CNS	67	34	-	-	75	77	28.60	-	-
32(1-1/4")	81	38	42.2	40	81	81	31.70	31.70	26.0
32(1-1/4")CNS	89	42	-	-	92	92	31.70	-	-
40(1-1/2")	89	48	48.3	50	90	90	34.90	34.90	31.0
50(2")	101	60	60.3	63	102	102	38.10	38.10	37.5
65(2-1/2")	150	76	73.0	75	87	115	44.50	44.50	43.5
80(3")	184	89	88.9	90	118	136	47.60	47.60	51.0
100(4")	199	114	114.3	110	156	156	57.20	57.20	61.0

S:Screwed TS:Socket

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ED UNION

ED Series 油任接頭



DN15~DN 50

ED 100:SOCKET / ED 200:THREAD
Size: 1/2 " to 2"

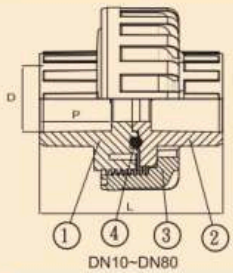


No.	Part s	Materials	Pcs
1	BODY	UPVC, PP,CPVC, PVDF	1
2	UNION NUT	UPVC, PP,CPVC, PVDF	1
3	END CONNRCTOR	UPVC, PP,CPVC, PVDF	1
4	O'RING	EPDM,VITON	1

Nom.Size m/m(inch)	E	D			L		P		
		JIS	ANS	DIN	S	TS	JIS	ANSI	DIN
15(1/2")	48	22	21.3	20	57	57	22.22	22.22	16.0
20(3/4")	62	26	26.7	25	67	67	25.40	25.40	18.5
25(1")	70	32	33.4	32	70	70	28.60	28.60	22.0
25(1")CNS	70	34	-	-	70	70	28.60	-	-
32(1-1/4")	82	38	42.2	40	82	82	31.75	31.75	26.0
32(1-1/4")CNS	82	42	-	-	82	82	31.75	-	-
40(1-1/2")	94	48	48.3	50	101	101	34.90	34.90	31.0
50(2")	113	60	60.3	60	100	100	38.10	38.10	37.5

S:Screwed TS:Socket

EK Series 油任接頭



DN10~DN80

EK 100:SOCKET / EK 200:THREAD
Size: 3/8" to 3"



No.	Part s	Materials	Pcs
1	BODY	UPVC, CPVC	1
2	UNION NUT	UPVC, CPVC	1
3	END CONNRCTOR	UPVC, CPVC	1
4	O'RING	EPDM,VITON	1

Nom.Size m/m(inch)	D			L		P		
	JIS	ANS	DIN	S	TS	JIS	ANSI	DIN
10(3/8")	18.25	17.50	16.20	48.25	48.25	19.05	19.05	14.60
15(1/2")	22.25	21.60	20.20	55.30	55.30	22.50	22.50	22.50
20(3/4")	26.30	26.92	25.25	60.60	60.60	25.40	25.40	18.50
25(1")	32.37	33.72	32.30	67.20	67.20	28.60	28.60	22.00
32(1-1/4")	38.33	42.50	40.28	75.60	75.60	31.80	31.80	26.00
40(1-1/2")	48.50	48.65	50.30	82.00	82.00	35.00	35.00	31.00
50(2")	60.60	60.73	63.30	90.50	90.50	38.10	38.10	37.50
65(2-1/2")	76.60	73.50	75.20	109.80	109.80	45.00	45.00	45.00
80(3")	89.60	89.40	90.30	127.90	127.90	48.00	48.00	51.00

S:Screwed TS:Socket



COMPRESSION COUPLING

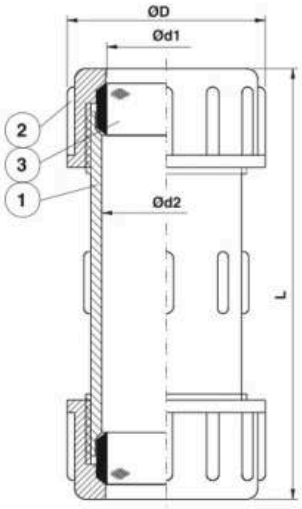


EC Series 快速接頭

EC100
Size: 1/2" to 4" (IPS)

Specification: Schedule 40 & Schedule 80

- For use in any general piping applications, metal, plastic or copper pipe.
- Easy to operate for instant and emergency piping.



DN15~DN100

MATERIALS OF CONSTRUCTION

NO.	Parts	Materials	Pcs
1	BODY	UPVC	1
2	UNION NUT	UPVC	2
3	SEAL	NBR、EPDM	2

C.T.S DIMENSIONS

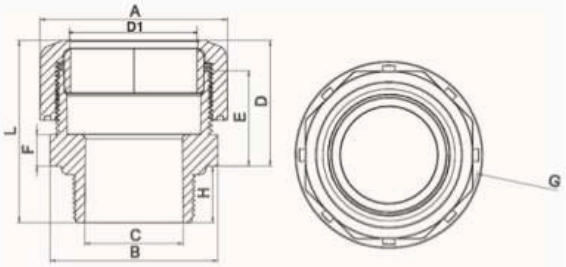
	1/2"	3/4"	1"
D	35.00	43.60	49.00
d1	16.08	22.45	28.83
d2	18.00	24.00	30.00
L	114.5	121.0	128.0

DIMENSIONS TABLE

Nom. \ SIZE		13mm (3/8")	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		35.0	43.6	49.0	57.0	66.9	73.2	88.6	110.0	130.0	160.5
d1	JIS	18.0	21.4	25.5	32.2	38.0	48.3	60.3	75.2	89.1	114.5
	ANSI	18.0	21.4	26.7	33.5	42.2	48.3	60.3	73.2	89.1	114.5
	DIN	16.1	20.3	25.5	32.2	40.5	50.4	63.4	75.2	90.5	110.5
	BS	18.0	20.3	26.7	33.2	42.2	48.3	60.3	75.2	89.1	114.5
d2		19.2	22.7	27.7	34.9	43.3	49.2	63.8	76.8	92.4	116.3
L		114.0	121.0	128.0	133.0	151.0	168.0	175.0	252.0	277.0	310.0

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ES Series 外牙快速接頭/ Male Compression Coupling

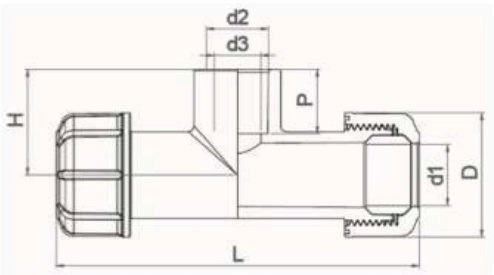
MATERIALS OF CONSTRUCTION

NO.	PART	MATERIAL	PCS
1	BODY	UPVC	1
2	UNION NUT	UPVC	2
3	SEAL	EPDM	2

DIMENSIONS TABLE

Nom. SIZE	A	B	C	D	E	F	G	H	L	d1
1/2"	43.6	38.0	12.5	48.3	29.7	15.0	40.6	17.2	70.5	21.0
3/4"	49.3	43.6	18.8	51.0	32.7	15.0	46.0	18.5	74.5	27.0
1"	57.5	50.5	23.5	54.2	33.3	15.0	53.0	23.5	8302	33.0
1-1/4"	67.5	60.0	32.0	57.8	35.0	15.0	63.0	25.0	89.3	42.0
1-1/2"	74.0	65.8	37.5	61.4	36.3	15.0	69.0	26.0	94.5	48.0
2"	89.5	78.5	49.5	64.9	47.8	15.0	82.6	28.0	102.5	60.0





ET Series 三通快速接頭 / Tee Compression Coupling

MATERIALS OF CONSTRUCTION

NO.	PART	MATERIAL	PCS
1	BODY	UPVC	1
2	UNION NUT	UPVC	1
3	SEAL	EPDM	1

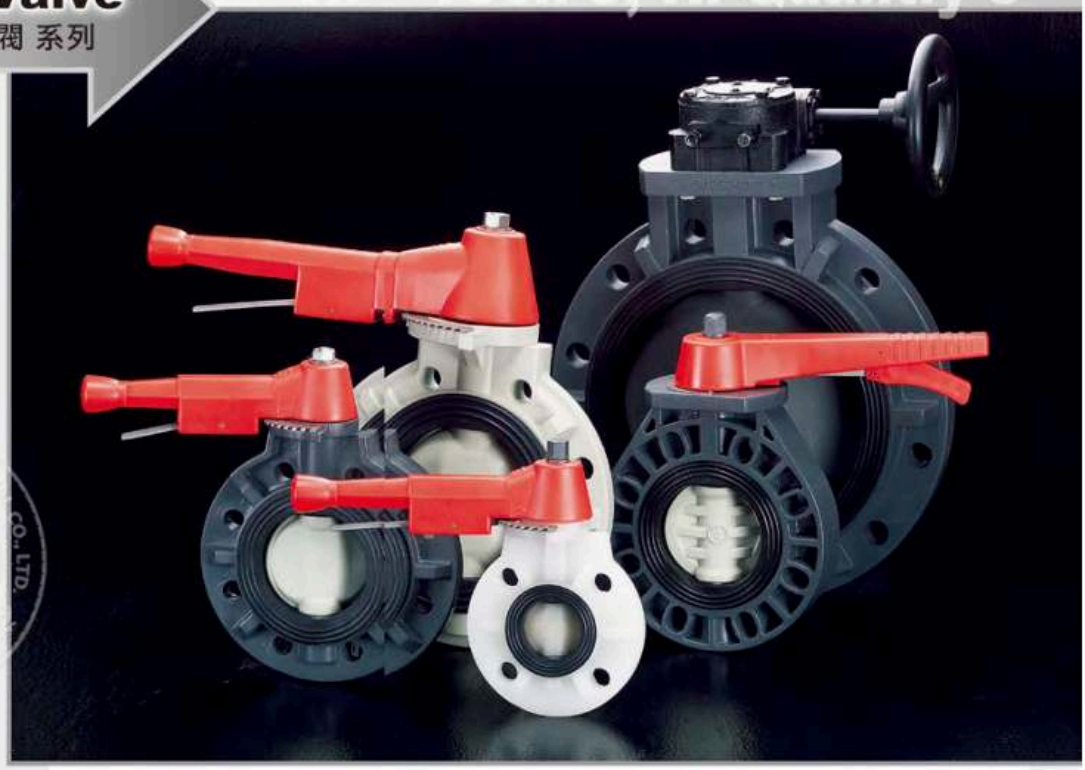
DIMENSIONS TABLE

Nom. SIZE	D	d1	d2		d3	H	P	L
			Socket	Thread				
1/2"	43.6	21.0	21.4	NPT 1/2"	16.5	36.5	22.2	127.0
3/4"	49.0	27.0	26.9	NPT 3/4"	20.5	44.5	26.0	132.0
3/4"*1/2"	49.0	27.0	21.4	NPT 1/2"	16.5	40.0	22.2	132.0
1"	57.0	33.0	33.7	NPT 1"	28.0	55.0	31.6	143.0
1-1/4"	67.0	42.0	42.4	NPT 1-1/4"	35.0	61.0	34.7	159.0
1-1/2"	73.0	48.0	48.6	NPT 1-1/2"	42.5	68.5	37.9	171.5
2"	88.6	60.0	63.6	NPT 2"	54.0	71.0	31.3	189.0

Butterfly Valve
蝶閥 系列

- Material: UPVC, PP, CPVC, PPG, PVDF
- Size: 2"~24"

- 材質：UPVC, PP, CPVC, PPG, PVDF
- 尺寸：2"~24"





SUPER LARGE SIZED BUTTERFLY VALVE



BS Series 超大型旋轉凡而

BS300

Size: Ø700(28")~Ø1200(48")

MATERIAL: UPVC, PP, CPVC, PPG, PVDF

MODEL: Gear operated type(齒輪式)，Chaining type(鏈條式)
Hydraulic type(油壓式)，Pneumatic type(氣壓式)

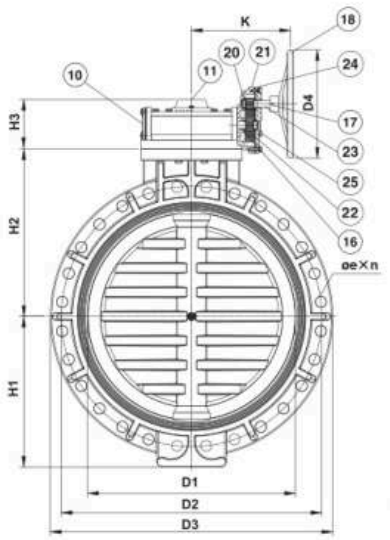
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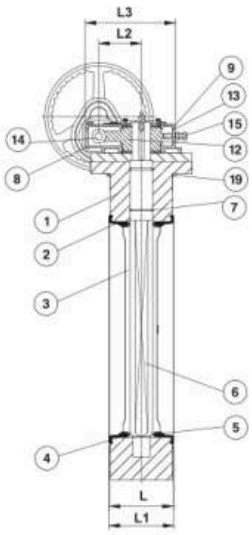
- Fullport allowing max. fluid flow. 全口徑、流量足。
- ECONOMIC EQUIPMENT:Fluid control plate consealed in piping system, space saved, 設備經濟、控制流量的活版、隱藏於管路中、佔管路配置極小的空間。
- EASY OPERATION-90° open and close,long duration, 操作簡便，90° 開關使用壽命長。
- WIDE APPLICATION RANGE-Acid &aik all resistance, anti-corrosion, and suitable for fluid and air use. 用途極廣，可耐強酸，強鹼並適用於液體及氣體。

MATERIALS OF CONSTRUCTION

No.	Parts	Pcs.	Materials	No.	Parts	Pcs.	Materials
1	Body	1	PP, PPG	14	Bearing	1	STEEL
2	Seat	1	EPDM, VITON, NBR, HYPALON	15	Adjustable Bolt	2	STEEL
3	Disc	1	UPVC,PP,CPVC,PPG,PVDF	16	WORM SHAFT	1	STEEL
4	Disc O'ring(A)	2	EPDM,VITON	17	Set Pin	1	K7
5	Disc O'ring(B)	2	EPDM,VITON	18	Hand Wheel	1	CAST IRON
6	Stem	1	SUS410,SUS304,SUS316	19	Tightening Bolt	4	SUS304
7	Stem O'ring	2	EPDM,VITON	20	Bearing	4	COPPER
8	Gear Box	1	CAST IRON	21	SPUR GEAR BODY	1	CAST IRON
9	Gear Box Cap	1	CAST IRON	22	SPUR GEAR	1	STEEL
10	Side Cap	1	CAST IRON	23	SPUR GEAR SHAFT	1	STEEL
11	Inicator Plate	1	CAST IRON	24	SPUR GEAR COVER	1	CAST IRON
12	Gear	1	DUCTILE IRON	25	BOLT	6	STEEL
13	Oil Seal	1	EPDM				

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DN700~DN1200

TORQUE VALUES (1Kgf/m=9.8 N.m)

BF-V'S Size	700(28")	800(32")	900(36")	1000(40")	1200(48")
Torque Under Without Any Water Pressure (Kgf/m)	4480	5850	7400	10300	10300

DIMENSIONS TABLE

JIS Unit: mm

Nom. size DN(inch)	D1	D2	D3	n	e	H1	H2	H3	K	D4	L	L1	Test Press (kgf/cm²)	Working Press (kgf/cm²)
700(28")	680	840	942	24	33	498	563	138	325	356	203	210	4	3
800(32")	780	950	1068	28	33	503	630	132	372	406	241	248	4	3
900(36")	870	1050	1185	28	33	621	694	132	372	406	241	248	4	3
1000(40")	970	1160	1290	28	39	683	762	210	471	508	300	307	4	3
1200(48")	1170	1380	1512	32	39	776	876	210	471	508	300	307	3	2

ANSI Unit: inch

Nom. size DN(inch)	D1	D2	D3	n	e	H1	H2	H3	K	D4	L	L1	Test Press (lb/in²)	Working Press (lb/in²)
700(28")	26.77	33.99	37.09	24	1.37	19.60	22.17	5.40	12.57	14.02	7.99	8.26	60	45
800(32")	30.70	38.50	42.05	24	1.61	19.80	24.80	5.18	14.59	15.98	9.48	9.76	60	45
900(36")	34.25	42.75	46.65	32	1.62	24.45	27.32	5.18	14.59	15.98	9.48	9.76	60	45
1000(40")	38.18	46.25	50.88	32	1.62	26.89	30.00	8.27	18.54	20	11.81	12.08	60	45
1200(48")	46.06	56.00	59.52	44	1.62	30.55	34.48	8.27	18.54	20	11.81	12.08	45	30

DIN Unit: mm

Nom. size DN(inch)	D1	D2	D3	n	e	H1	H2	H3	K	D4	L	L1	Test Press (bar)	Working Press (bar)
700(28")	680	840	942	24	30	498	563	138	325	356	203	210	4	3
800(32")	780	950	1068	24	33	503	630	132	372	406	241	248	4	3
900(36")	870	1050	1185	28	33	621	694	132	372	406	241	248	4	3
1000(40")	970	1175	1290	28	36	683	762	210	471	508	300	307	4	3
1200(48")	1170	1380	1512	32	39	776	876	210	471	508	300	307	3	2

※ 法蘭長度公差依據 EN558-1:1995 標準
※ L長度為安裝後建議參考值

※ Standard dimensions based on PP material.
The flanged length tolerance is according to EN558-1:1995.
※ L : The suggested length of the valve as installed on pipeline.

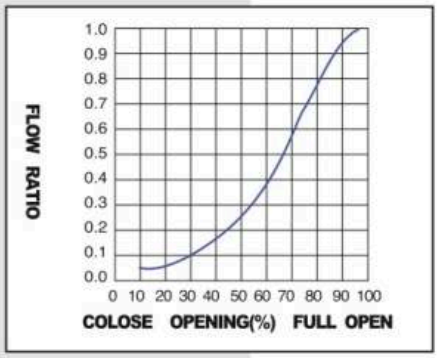


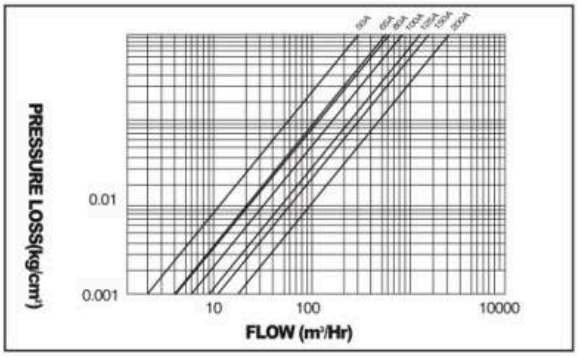
BUTTERFLY VALVE
Lever handle type



BB Series 旋轉凡而（手把式）

BB300
Size: 2"- 8"
options:8"(DN200) GEAR OPERATOR TYPE

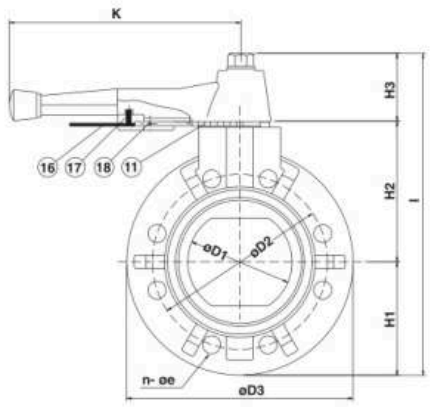


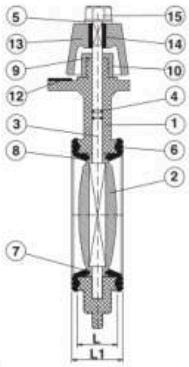


MATERIALS OF CONSTRUCTION

No.	Parts	Pcs.	Materials	No.	Parts	Pcs.	Materials
1	Body	1	UPVC,PP,PPG,PVDF,CPVC	10	Reatainer Cap	1	UPVC,PP,PVDF
2	Disc	1	UPVC,PP,PPG,PVDF,CPVC	11	Positioner	1	SUS304
3	Stem	1	SUS410,SUS316,SUS304	12	Screw	3...DN50-200 4...DN200	SUS304
4	Stem O-ring	2	EPDM,VITON	13	Handle	1	ABS
5	Washer	1	SUS304	14	Inserted Metal Of Handle	1	FC0208
6	Seat	1	EPDM,VITON,NBR, HYPALON	15	Nut	1	PVC COATED BRASS,SUS304
7	Disc O'ring(1)	2	EPDM,VITON	16	Handle Lever	1	SUS304
8	Disc O'ring(2)	2	EPDM,VITON	17	Spring	1	SUS304
9	Stem Retainer	1	SUS304	18	Set Pin	1	BSBM

Tel: 886-4-2626 6926 Fax: 886-4-2628 7169 E-mail: shvalve8@ms23.hinet.net http://www.shieyu-valve.com.tw





DN50~DN200

TORQUE VALUES (1kgf/m=9.8N.m)

BF-V'S Size	Torque Under Without Any Water Pressure (Kgf/m)	Under Water Testing Pressure(Kg/cm²)			BF-V'S Size	Torque Under Without Any Water Pressure (Kgf/m)	Under Water Testing Pressure(Kg/cm²)		
		Water Pressure(Kgf/cm²)	Open Torque(Kgf/m)	Close Torque(Kgf/m)			Water Pressure(Kgf/cm²)	Open Torque(Kgf/m)	Close Torque(Kgf/m)
2"	1.5	15	0.5	0.5	10"	17.0	8	7	10
2-1/2"	1.5	15	0.5	0.5	12"	27.0	6	14	18
3"	2.0	15	1	1.5	14"	37.0	6	25	28
4"	2.0	12	1	1.5	16"	42.0	-	-	-
5"	5.0	12	2.5	4.5	18"	52.0	-	-	-
6"	6.5	12	4	7	20"	65.0	-	-	-
8"	10.0	10	6	8.5	24"	76.0	-	-	-

DIMENSIONS TABLE

JIS — Unit: mm

Nom. Size DN(inch)	D1	D2	D3	øe	n	L	L1	H1	H2	H3	I	K	Test Press (kgf/cm²) Body	Test Press (kgf/cm²) Seat	Working Press (kgf/cm²)
50(2")	57	120	165	19	4	36.5	40.5	82.5	102	63	253	220	15.0	12.0	10.0
65(2-1/2")	72	140	184	19	4	40.5	44.5	92	110	63	270	220	15.0	12.0	10.0
80(3")	80	150	200	19	8	40.5	44.5	100	118	63	286	220	15.0	12.0	10.0
100(4")	100	175	230	19	8	50.5	56.5	115	134	63	312	220	15.0	12.0	10.0
125(5")	130	210	256	23	8	60.5	66.5	128	160	96	391	310	15.0	12.0	10.0
150(6")	150	240	288	23	8	66	71	144	177	96	418	310	15.0	12.0	10.0
200(8")	203	290	348	23	12	82	87	174	204	93	476	414	15.0	12.0	10.0

ANSI — Unit: inch

Nom. Size DN(inch)	D1	D2	D3	øe	n	L	L1	H1	H2	H3	I	K	Test Press (lb/in²) Body	Test Press (lb/in²) Seat	Working Press (lb/in²)
50(2")	2.24	4.75	6.50	0.75	4	1.44	1.59	3.25	4.01	2.48	9.96	8.66	235	180	150
65(2-1/2")	2.83	5.50	7.24	0.75	4	1.59	1.75	3.62	4.33	2.48	10.63	8.66	235	180	150
80(3")	3.15	6.00	7.87	0.75	4	1.59	1.75	3.94	4.64	2.48	11.26	8.66	235	180	150
100(4")	3.93	7.50	9.06	0.75	8	1.99	2.22	4.53	5.28	2.48	12.48	8.66	235	180	150
125(5")	5.12	8.50	10.07	0.87	8	2.38	2.62	5.00	6.30	3.78	15	12.20	235	180	150
150(6")	5.90	9.50	11.34	0.87	8	2.60	2.80	5.67	6.97	3.78	16.46	12.20	235	180	150
200(8")	7.99	11.75	13.70	0.87	8	3.23	3.43	6.85	8.03	3.66	18.74	16.30	235	180	150

DIN — Unit: mm

Nom. Size DN(inch)	D1	D2	D3	øe	n	L	L1	H1	H2	H3	I	K	Test Press (bar) Body	Test Press (bar) Seat	Working Press (bar)
50(2")	57	125	165	18	4	36.5	40.5	82.5	102	63	253	220	15.0	12.0	10.0
65(2-1/2")	72	145	184	18	4	40.5	44.5	92	110	63	270	220	15.0	12.0	10.0
80(3")	80	160	200	18	8	40.5	44.5	100	118	63	286	220	15.0	12.0	10.0
100(4")	100	180	230	18	8	50.5	56.5	115	134	63	312	220	15.0	12.0	10.0
125(5")	130	210	256	18	8	60.5	66.5	128	160	96	391	310	15.0	12.0	10.0
150(6")	150	240	288	23	8	66	71	144	177	96	418	310	15.0	12.0	10.0
200(8")	203	295	348	23	8	82	87	174	204	93	476	414	15.0	12.0	10.0

※ 法蘭長度公差依據 EN558-1:1995 標準
※ L長度為安裝後建議參考值

※ Standard dimensions based on PVC material.
The flanged length tolerance is according to EN558-1:1995.
※ L : The suggested length of the valve as installed on pipeline.



BUTTERFLY VALVE-Universal Type (With actuator direct mounting pad) Lever Handle Type



BE Series 通用型蝶閥

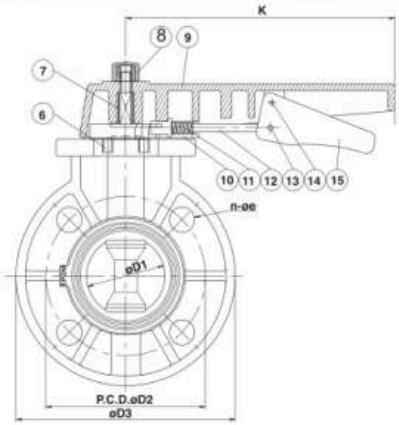
BE300
Size: 2"- 8"
End Type: Flanged
Test Pressure: 225 PSI
Working Pressure: 150 PSI

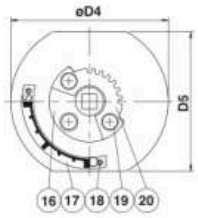
- Corrosion resistance.
- Excellent flow characteristics.
- Lower flow loss.
- Compact and lightweight designs in an energy-saving and cost-efficient Butterfly Valve.
- With clear indication of disc opening degree.
- Ideally suited for flow control in a minimum piping space.

MATERIALS OF CONSTRUCTION

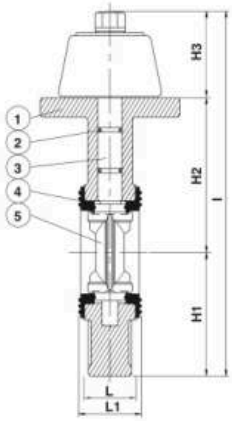
No.	Parts	Pcs	Materials	No.	Parts	Pcs	Materials
1	Body	1	UPVC, PP, CPVC, PVDF	11	Spring	1	SUS 304
2	Stem O'ring	2	EPDM, VITON	12	Lever	1	SUS 304
3	Stem	1	SUS 410, SUS 316	13	Setpin(Short)	1	SUS 304
4	Seat	1	EPDM, VITON, NBR	14	Setpin(Long)	1	SUS 304
5	Disc	1	UPVC, PP, CPVC, PVDF	15	Lever	1	ABS
6	Bolt	1	BRASS, SUS 304	16	Positioner	1	UPVC
7	Handle Insert	1	FC 0208	17	Indicator	1	SUS 304
8	Stem Bolt	1	UPVC, BRASS	18	Bolt	2	SUS 304
9	Handle	1	ABS	19	Bolt	3	SUS 304
10	Handle Cap	1	ABS	20	Teeth Plate	1	SUS 304

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DN50~DN200



The Torque Values

	AT Water							
	W/O Pressure (Kgf.m)		Pressure at 50PSI (Kgf.m)		Pressure at 100PSI (Kgf.m)		Pressure at 150PSI (Kgf.m)	
	Open	Close	Open	Close	Open	Close	Open	Close
2"	0.80	0.80	0.80	1.00	0.80	1.00	1.00	1.00
3"	2.50	2.50	3.00	3.00	2.50	2.50	3.00	3.00
4"	2.50	3.00	3.00	3.00	3.00	3.00	3.00	3.00
6"	8.00	9.00	8.00	8.00	7.50	8.00	6.00	7.00
8"	10.00	11.00	11.00	11.00	10.50	10.50	9.50	9.50

DIMENSIONS TABLE

JIS — Unit: mm

Nom. size DN(inch)	D1	D2	D3	n	L	L1	D4	H1	H2	H3	I	K	D5	Test Press(kgf/cm²) Body	Test Press(kgf/cm²) Seat	Working Press (kgf/cm²)
40(1-1/2")	44	105	149	4	36.1	43.5	105	73	98	63	234	202	93	15	12	10
50(2")	55	120	164	4	36.1	43.5	105	82.0	107	63	252	202	93	15	12	10
65(2-1/2")	69.6	140	185	4	40	46.4	105	92	115	63	270	202	95.5	15	12	10
80(3")	78	150	196	8	40	47.4	127	98	123	63	284	202	95	15	12	10
100(4")	100	175	225	8	48	52.4	134	112.5	139.5	68	320	253	100	15	12	10
125(5")	128	210	254	8	51.2	58.8	169.5	127	160	86	373	297	100.8	15	12	10
150(6")	152	240	286	8	51	57	170	143	178	86	407	297	101	15	12	10
200(8")	200	290	344	12	61	67.5	191	172	212	86	470	297	110	15	12	10

ANSI — Unit: inch

Nom. size DN(inch)	D1	D2	D3	n	L	L1	D4	H1	H2	H3	I	K	D5	Test Press (lb/in²) Body	Test Press (lb/in²) Seat	Working Press (lb/in²)
40(1-1/2")	1.73	3.88	5.87	4	1.42	1.71	4.13	2.87	3.86	2.48	9.21	7.95	3.66	235	180	150
50(2")	2.16	4.75	6.46	4	1.42	1.71	4.13	3.23	4.21	2.48	9.92	7.95	3.66	235	180	150
65(2-1/2")	2.74	5.5	7.28	4	1.57	1.83	5.04	3.62	4.53	2.48	10.63	7.95	3.76	235	180	150
80(3")	3.07	6.0	7.72	4	1.57	1.87	5.00	3.86	4.84	2.48	11.18	7.95	3.74	235	180	150
100(4")	3.94	7.5	8.85	8	1.89	2.06	5.27	4.43	5.49	2.68	12.60	9.96	3.94	235	180	150
125(5")	5.04	8.5	10.0	8	2.02	2.31	6.673	5.00	6.30	3.39	14.69	11.69	3.97	235	180	150
150(6")	5.98	9.5	11.26	8	2.01	2.24	6.69	5.63	7.00	3.39	16.02	11.69	3.98	235	180	150
200(8")	7.87	11.75	13.54	8	2.40	2.66	7.52	6.77	8.35	3.39	18.5	11.69	4.31	235	180	150

DIN — Unit: mm

Nom. size DN(inch)	D1	D2	D3	n	L	L1	D4	H1	H2	H3	I	K	D5	Test Press (bar) Body	Test Press (bar) Seat	Working Press (bar)
40(1-1/2")	44	110	149	4	36.1	43.5	105	73	98	63	234	202	93	15	12	10
50(2")	55	125	164	4	36.1	43.5	105	82.0	107	63	252	202	93	15	12	10
65(2-1/2")	69.6	145	185	4	40	46.4	128	92	115	63	270	202	95.5	15	12	10
80(3")	78	160	196	8	40	47.4	127	98	123	63	284	202	95	15	12	10
100(4")	100	180	225	8	48	52.4	134	112.5	139.5	68	320	253	100	15	12	10
125(5")	128	210	254	8	51.2	58.8	169.5	127	160	86	373	297	100.8	15	12	10
150(6")	152	240	286	8	51	57	170	143	178	86	407	297	101	15	12	10
200(8")	200	295	344	8	61	67.5	191	172	212	86	470	297	110	15	12	10

※ 法蘭長度公差依據 EN558-1:1995 標準
※ L長度為安裝後建議參考值

※ Standard dimensions based on PVC material.
The flanged length tolerance is according to EN558-1:1995.
※ L : The suggested length of the valve as installed on pipeline.



BUTTERFLY VALVE GEAR OPER. FULL FLANGED TYPE



BH Series 旋轉凡而全法蘭齒輪式

BH 300

Size: 2"- 8"

*OPTION: 2"~8"(DN200)Lever type.

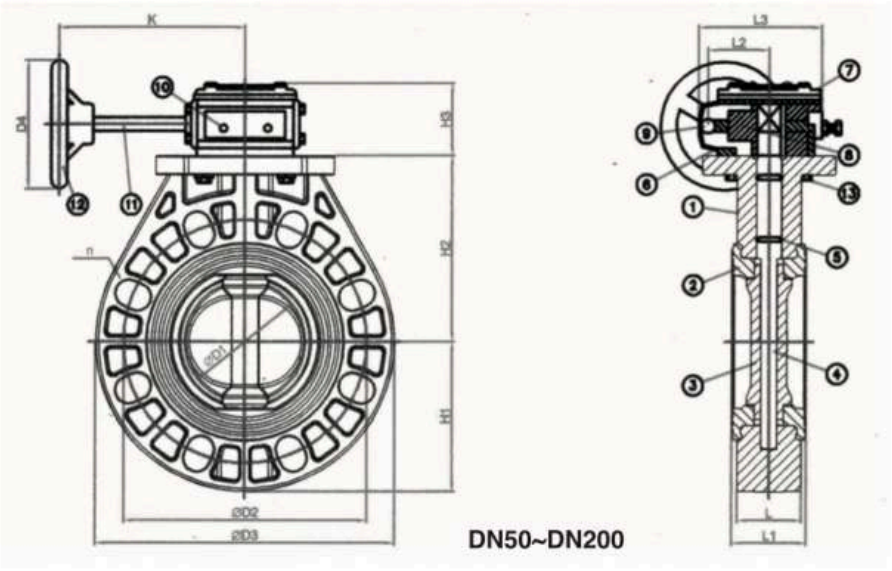
MATERIALS OF CONSTRUCTION

No.	Parts	Pcs.	Materials	No.	Parts	Pcs.	Materials
1	Body	1	UPVC,CPVC,PP,PVDF	8	Worm Gear	1	FCD450
2	Seat	1	EPDM,VITON,NBR	9	Bearing	1	SMCM220/420/810
3	Disc	1	UPVC,CPVC,PP,PVDF	10	Adjuatable Bolt	2	SUS304
4	Stem	1	SUS410,SUS316,SUS304	11	Worm Shaft	1	S45C
5	Stem O'ring	2	EPDM,VITON	12	Hand Wheel	1	WCB
6	Gear Box	1	FC200	13	Tightening Bolt	4	SUS304,SCM3
7	Gear Box Cap	1	FC200				

Torque Values (1kgf/m=9.8N.m)

BF-V'S Size	Torque Under Without Any Water Pressure (Kgf/m)	Under Water Testing Pressure(Kg/cm²)			BF-V'S Size	Torque Under Without Any Water Pressure (Kgf/m)	Under Water Testing Pressure(Kg/cm²)		
		Water Pressure(Kgf/cm²)	Open Torque(Kgf/m)	Close Torque(Kgf/m)			Water Pressure(Kgf/cm²)	Open Torque(Kgf/m)	Close Torque(Kgf/m)
2"	1.5	15	0.5	0.5	12"	27.0	6	14	18
2-1/2"	1.5	15	0.5	0.5	14"	37.0	6	25	28
3"	2.0	15	1	1.5	16"	42.0	–	–	–
4"	2.0	12	1	1.5	18"	52.0	–	–	–
5"	5.0	12	2.5	4.5	20"	65.0	–	–	–
6"	6.5	12	4	7	24"	76.0	–	–	–
8"	10.0	10	6	8.5					
10"	17.0	8	7	10					

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DIMENSIONS TABLE

JIS — Unit: mm

Nom. Size DN(inch)	D1	D2	D3	n	øe	L	L1	H1	H2	H3	K	L2	L3	D4	Test Press (kgf/cm²) Body	Test Press (kgf/cm²) Seat	Working Press (kgf/cm²)
50(2")	55	120	164	4	19	36.1	43.5	82	107	66	132	44	125	150	15.0	12.0	10.0
65(2-1/2")	69.6	140	185	4	19	40	46.4	92	115	66	132	44	125	150	15.0	12.0	10.0
80(3")	78	150	196	8	19	40	47.4	98	123	66	132	44	125	150	15.0	12.0	10.0
100(4")	100	175	225	8	19	48	52.4	112.5	139.5	66	132	44	125	150	15.0	12.0	10.0
125(5")	128	210	254	8	23	52.2	58.8	127	160	66	132	44	125	150	15.0	12.0	10.0
150(6")	152	240	286	8	23	51	57	143	178	66	132	44	125	150	15.0	12.0	10.0
200(8")	200	290	344	12	26	61	67.5	172	212	108	175	95	162	180	15.0	12.0	10.0

ANSI — Unit:inch

Nom. Size DN(inch)	D1	D2	D3	n	øe	L	L1	H1	H2	H3	K	L2	L3	D4	Test Press (lb/in²) Body	Test Press (lb/in²) Seat	Working Press (lb/in²)
50(2")	2.16	4.75	6.46	4	0.75	1.42	1.71	3.23	4.21	2.60	5.20	1.732	4.92	5.91	235	180	150
65(2-1/2")	2.74	5.5	7.28	4	0.75	1.57	1.83	3.62	4.53	2.60	5.20	1.732	4.92	5.91	235	180	150
80(3")	3.07	6.0	7.72	4	0.75	1.57	1.87	3.86	4.84	2.60	5.20	1.732	4.92	5.91	235	180	150
100(4")	3.94	7.5	8.85	8	0.75	1.89	2.06	4.43	5.49	2.60	5.20	1.732	4.92	5.91	235	180	150
125(5")	5.04	8.5	10.0	8	0.87	2.02	2.31	5.00	6.30	2.60	5.20	1.732	4.92	5.91	235	180	150
150(6")	5.98	9.5	11.26	8	0.87	2.01	2.24	5.63	7.00	2.60	5.20	1.732	4.92	5.91	235	180	150
200(8")	7.87	11.75	13.54	8	1.02	2.4	2.66	6.77	8.35	4.25	6.89	3.74	6.38	7.09	235	180	150

DIN — Unit: mm

Nom. Size DN(inch)	D1	D2	D3	n	øe	L	L1	H1	H2	H3	K	L2	L3	D4	Test Press (bar) Body	Test Press (bar) Seat	Working Press (bar)
50(2")	55	125	164	4	18	36.1	43.5	82	107	66	132	44	125	150	15.0	12.0	10.0
65(2-1/2")	69.6	145	185	4	18	40	46.4	92	115	66	132	44	125	150	15.0	12.0	10.0
80(3")	78	160	196	8	18	40	47.4	98	123	66	132	44	125	150	15.0	12.0	10.0
100(4")	100	180	225	8	18	48	52.4	112.5	139.5	66	132	44	125	150	15.0	12.0	10.0
125(5")	128	210	254	8	18	51.2	58.8	127	160	66	132	44	125	150	15.0	12.0	10.0
150(6")	152	240	286	8	23	51	57	143	178	66	132	44	125	150	15.0	12.0	10.0
200(8")	200	295	344	8	26	61	67.5	172	212	108	175	95	162	180	15.0	12.0	10.0

※ 法蘭長度公差依據 EN558-1:1995 標準

※ L長度為安裝後建議參考值

※ Standard dimensions based on PVC material.
The flanged length tolerance is according to EN558-1:1995.

※ L : The suggested length of the valve as installed on pipeline.



BUTTERFLY VALVE GEAR OPER. FULL FLANGED TYPE



BF Series 旋轉凡而全法蘭齒輪式

BF 300
Size: 8"- 24"

*OPTION: 8"(DN200)Lever type.

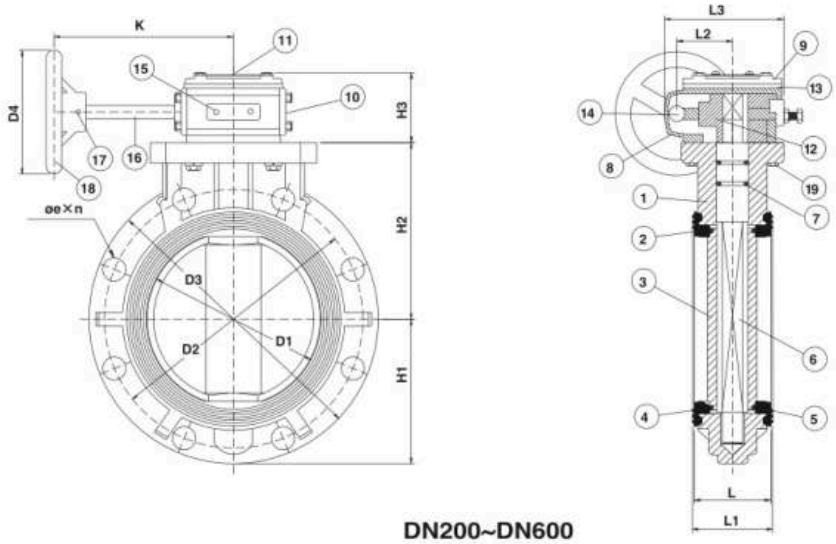
MATERIALS OF CONSTRUCTION

No.	Parts	Pcs.	Materials	No.	Parts	Pcs.	Materials
1	Body	1	UPVC, PP,CPVC, PPG, PVDF	11	Inicator Plate	1	UPVC
2	Seat	1	EPDM, VITON, NBR, HYPALON	12	Gear	1	FCD45
3	Disc	1	UPVC, PP,CPVC, PPG, PVDF	13	Oil Seal	1	EPDM
4	Disc O'ring(A)	2	EPDM, VITON	14	Bearing	1	SMCM220/420/810
5	Disc O'ring(B)	2	EPDM, VITON	15	Adjuatable Bolt	2	SS41
6	Stem	1	SUS410, SUS304, SUS316	16	Gearing	1	SS41
7	Stem O'ring	2	EPDM, VITON	17	Set Pin	1	K7
8	Gear Box	1	FC25	18	Hand Wheel	1	FCD45
9	Gear Box Cap	1	FC25	19	Tightening Bolt	4	SCM3,SUS304
10	Side Cap	1	FC25				

Torque Values (1kgf/m=9.8N.m)

BF-V'S Size	Torque Under Without Any Water Pressure (Kgf/m)	Under Water Testing Pressure(Kg/cm²)			BF-V'S Size	Torque Under Without Any Water Pressure (Kgf/m)	Under Water Testing Pressure(Kg/cm²)		
		Water Pressure(Kgf/cm²)	Open Torque(Kgf/m)	Close Torque(Kgf/m)			Water Pressure(Kgf/cm²)	Open Torque(Kgf/m)	Close Torque(Kgf/m)
2"	1.5	15	0.5	0.5	12"	27.0	6	14	18
2-1/2"	1.5	15	0.5	0.5	14"	37.0	6	25	28
3"	2.0	15	1	1.5	16"	42.0	–	–	–
4"	2.0	12	1	1.5	18"	52.0	–	–	–
5"	5.0	12	2.5	4.5	20"	65.0	–	–	–
6"	6.5	12	4	7	24"	76.0	–	–	–
8"	10.0	10	6	8.5					
10"	17.0	8	7	10					

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DN200~DN600

DIMENSIONS TABLE

JIS — Unit: mm

Nom. Size DN(inch)	D1	D2	n	øe	D3	L	L1	H1	H2	H3	K	L2	L3	D4	Test Press (kgf/cm²) Body	Test Press (kgf/cm²) Seat	Working Press (kgf/cm²)
200(8")	203	290	12	23	348	82	87	174	2112	108	175	51	136	180	15.0	12.0	10.0
250(10")	255	355	12	25	412	102	108	206	2427	83	195	51	136	180	15.0	12.0	10.0
300(12")	312	400	16	25	493	120	126	247	289	110	210	72	189	305	12.0	10.0	8.0
350(14")	355	445	16	25	540	123	129	270	305	110	210	72	189	305	10.5	8.5	7.0
400(16")	398	510	16	27	615	163	170	307.5	353	130	330	72	189	356	9.0	7.0	6.0
450(18")	451	565	20	27	640	175	182	325	365	130	330	116	285	406	9.0	6.0	5.0
500(20")	500	620	20	27	730	183	190	373	405	130	330	116	285	457	9.0	6.0	5.0
600(24")	600	730	24	33	844	205	218	435	460	175	350	116	285	508	7.5	6.0	5.0

ANSI — Unit:inch

Nom. Size DN(inch)	D1	D2	n	øe	D3	L	L1	H1	H2	H3	K	L2	L3	D4	Test Press (lb/in²) Body	Test Press (lb/in²) Seat	Working Press (lb/in²)
200(8")	7.99	11.75	8	0.88	13.70	3.23	3.43	6.85	8.31	4.25	6.89	2.01	5.35	7.09	225	180	150
250(10")	10	14.25	12	0.98	16.22	4.02	4.25	8.11	9.56	3.27	7.68	2.01	5.35	7.09	225	180	150
300(12")	12.28	17.00	12	0.98	19.41	4.72	4.96	9.72	11.38	4.33	8.27	2.83	7.44	12.01	180	150	120
350(14")	13.97	18.75	12	1.14	21.26	4.84	5.08	10.63	12.01	4.33	8.27	2.83	7.44	12.01	155	125	105
400(16")	15.69	21.25	16	1.14	24.21	6.42	6.69	12.11	13.90	5.12	12.99	2.83	7.44	14.02	133	100	88
450(18")	17.75	22.75	16	1.26	25.20	6.89	7.17	12.80	14.37	5.12	12.99	4.57	11.22	15.98	133	90	75
500(20")	19.70	25.00	20	1.26	28.74	7.20	7.48	14.69	15.94	5.12	12.99	4.57	11.22	17.99	133	90	75
600(24")	23.66	29.50	20	1.38	33.23	8.07	8.58	17.13	18.11	6.89	13.78	4.57	11.22	20.00	111	90	75

DIN — Unit: mm

Nom. Size DN(inch)	D1	D2	n	øe	D3	L	L1	H1	H2	H3	K	L2	L3	D4	Test Press (bar) Body	Test Press (bar) Seat	Working Press (bar)
200(8")	203	295	8	23	348	82	87	174	211.2	108	175	51	136	180	15.0	12.0	10.0
250(10")	255	350	12	25	412	102	108	206	242.7	83	195	51	136	180	15.0	12.0	10.0
300(12")	312	400	12	25	493	120	126	247	289	110	210	72	189	305	12.0	10.0	8.0
350(14")	355	460	16	25	540	123	129	270	305	110	210	72	189	305	10.5	8.5	7.0
400(16")	398	515	16	27	615	163	170	307.5	363	130	330	72	189	356	9.0	7.0	6.0
450(18")	451	565	20	27	640	175	182	325	365	130	330	116	285	406	9.0	6.0	5.0
500(20")	500	620	20	27	730	183	190	373	405	130	330	116	285	457	9.0	6.0	5.0
600(24")	600	725	20	30	844	205	218	435	460	175	350	116	285	508	7.5	6.0	5.0

※ 法蘭長度公差依據 EN558-1:1995 標準
※ L長度為安裝後建議參考值

※ Standard dimensions based on PVC material.
The flanged length tolerance is according to EN558-1:1995.
※ L : The suggested length of the valve as installed on pipeline.

Check Valve
逆止閥 系列

Hi -Tech'S, Hi-Qualitly'S

Ball Check Valve
Swing Check Valve
直式球形逆止閥
橫式擺動逆止閥

- Material: UPVC, PP, CPVC, PPG, PVDF
- Ball Check Valve
  Size: 1/2"~10"
- Swing Check Valve
  Size: 1/2"~8"
- 材質：UPVC, PP, CPVC, PPG, PVDF
- 直式球形逆止閥 尺寸：1/2"~10"
- 橫式擺動逆止閥 尺寸：1/2"~8"





CHECK VALVE / HORIZATIONAL TYPE



JW Series 擺動逆止凡而 / 橫式

JW300
SIZE: 1"-8"

MATERIALS OF CONSTRUCTION

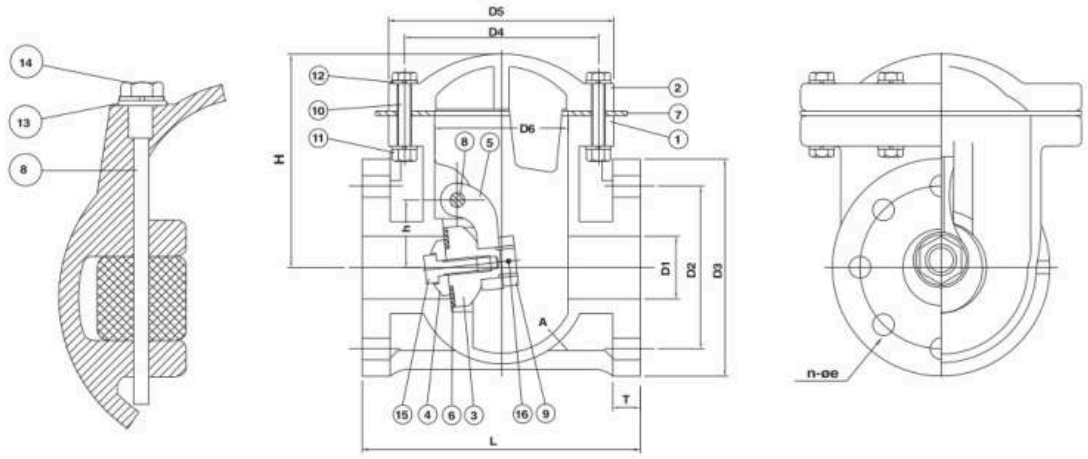
No.	Parts	Pcs.	Materials	No.	Parts	Pcs.	Materials	
1	Body	1	UPVC, PP, CPVC, PPG, PVDF	9	Disc Holder	1	PP,PVDF	
2	Bonnet	1	UPVC, CPVC, PPG, PVDF	10	Bolts	6...DN15-50 8...DN65-125 10...DN150 12...DN200	SUS304	
3	Disc	1	UPVC, PP, CPVC, PPG, PVDF	11	Nuts		SUS304	
4	Sheet Gasket Holder	1	UPVC, PP, CPVC, PPG, PVDF	12	Washers		SUS304	
5	Swing Arms	1	UPVC, PP, CPVC, PPG, PVDF	13	O'ring	1	EPDM,VITON	
6	Disc Gasket	1	EPDM, VITON , TEFLON	14	Shaft Holder	1	PVDF	
7	Bonnet Gasket	1	EPDM, VITON , TEFLON	15	Set Bolts	1...DN15-80 3...DN100-125 4...DN150-200	PVDF	
8	Shoft	1	PP, PVDF	16	Set Pin	1	SUS304	1/2"~1-1/2"
							PVDF	2"~8"

DIMENSIONS TABLE

JIS — Unit: mm

Nom. Size DN(inch)	D1	D2	D3	e	n No. of holes	D4	D5	D6	L	T	A	h	H	D	Test Press (kgf/cm²)	Working Press (kgf/cm²)	Mini Back Pressure Rates (kgf/cm²)
25(1")	25	90	126	19	4	110	130	75	160	15	6	40	129	8	15	10	0.34
40(1-1/2")	41	105	151	19	4	125	145	85	180	18	8	45	141	8	15	10	0.50
50(2")	52	120	166	19	4	155	180	105	200	18	8	55	165	10	15	10	0.50
65(2-1/2")	80	140	187	19	4	181	205	130	260	20	9	70	180	12	15	10	0.6
80(3")	80	150	201	19	8	181	205	130	260	20	9	70	180	12	15	10	0.6
100(4")	100	175	232	19	8	235	265	170	300	24	10	90	216	16	10	7	0.68
125(5")	125	210	254	23	8	285	330	210	350	24	14	110	239.5	18	10	7	0.68
150(6")	150	240	288	23	8	330	370	250	400	30	16	135	273	20	10	7	0.84
200(8")	200	290	348	23	12	390	425	300	500	30	18	170	310	20	10	7	0.84

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DN25~DN200

DIMENSIONS TABLE

ANSI — Unit: inch

Nom. Size DN(inch)	D1	D2	D3	e	n No. of holes	D4	D5	D6	L	T	A	h	H	D	Test Press (lb/in²)	Working Press (lb/in²)	Mini Back Pressure Rates (PSI)
25(1")	1.00	3.13	4.96	0.63	4	4.34	5.13	2.97	6.31	0.59	0.24	1.56	5.07	0.31	222	150	5
40(1-1/2")	1.63	3.88	5.94	0.63	4	4.94	5.72	3.34	7.09	0.70	0.31	1.78	5.55	0.31	222	150	7.5
50(2")	2.06	4.75	6.54	0.75	4	6.09	7.09	4.13	7.88	0.70	0.31	2.16	6.50	0.41	222	150	7.5
65(2-1/2")	3.15	5.50	7.36	0.75	4	7.13	8.06	5.13	10.25	0.79	0.35	2.75	7.09	0.47	222	150	8.5
80(3")	3.15	6.00	7.91	0.75	4	7.13	8.06	5.13	10.25	0.79	0.35	2.75	7.09	0.47	222	150	8.5
100(4")	3.94	7.50	9.13	0.75	8	9.25	10.44	6.69	11.82	0.94	0.39	3.53	8.50	0.63	222	150	10
125(5")	4.94	8.50	10.0	0.88	8	11.22	13.00	8.28	13.78	0.94	0.55	4.34	9.43	0.72	150	100	10
150(6")	5.90	9.50	11.33	0.88	8	13.00	14.56	9.84	15.75	1.18	0.63	5.31	10.75	0.78	150	100	12.5
200(8")	7.88	11.75	13.70	0.88	8	15.31	16.71	11.81	19.69	1.18	0.71	6.69	12.21	0.78	150	100	12.5

DIN — Unit: mm

Nom. Size DN(inch)	D1	D2	D3	e	n No. of holes	D4	D5	D6	L	T	A	h	H	D	Test Press (bar)	Working Press (bar)	Mini Back Pressure Rates (bar)
25(1")	25	85	126	14	4	110	130	75	160	15	6	40	129	8	15	10	0.34
40(1-1/2")	41	110	151	18	4	125	145	85	180	18	8	45	141	8	15	10	0.5
50(2")	52	125	166	18	4	155	180	105	200	18	8	55	165	10	15	10	0.5
65(2-1/2")	80	145	187	18	4	181	205	130	260	20	9	70	180	12	15	10	0.6
80(3")	80	160	201	18	8	181	205	130	260	20	9	70	180	12	15	10	0.6
100(4")	100	180	232	18	8	235	265	170	300	24	10	90	216	16	15	10	0.68
125(5")	125	210	254	18	8	285	330	210	350	24	14	110	239.5	18	10	7	0.68
150(6")	150	240	288	23	8	330	370	250	400	30	16	135	273	20	10	7	0.84
200(8")	200	295	348	23	8	390	425	300	500	30	18	170	310	20	10	7	0.84

※ 本尺表以 PVC 材質為準，本表試壓值以 PVC、PVDF材質為基準，PP材質試壓值為本表試壓值之 70%.

※ 法蘭長度公差依據 EN558-1:1995 標準

※ The dimension table is calculated based on PVC material.
The valve of test pressure is calculated based on PVC PVDF materials.
The valve of test pressure for PP material is 70% based on the table.
The flanged length tolerance is according to EN558-1:1995.



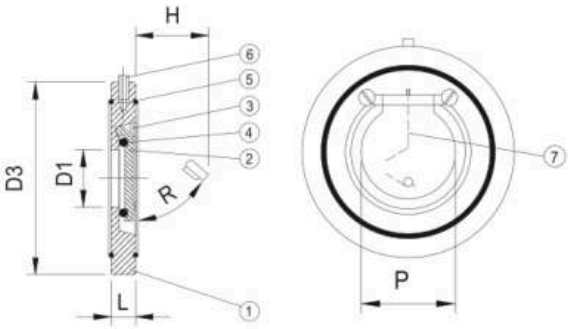
WAFER CHECK VALVE



(W/0 Spring)
(無彈簧)
JT 300



(W/ Spring)
(有彈簧)
JT 300S



JT Series 單片逆止閥

SIZE: DN40 ~ DN600

Applications (使用場合) :
- Water and waste water treatment 水及廢水處理
- Chemical Industrial 化工工業
- Enviromental Industrial 環境工程
- Process Industrial 加工生產工程
- Systems engineering 管路系統工程

Features (特點) :
- Require little space in piping system 產品造型簡潔
- Economical - Simple and durable construction 經濟簡單，結構耐用
- Easy Installation- Wafer Body to slip between standard flanges 安裝簡單，夾示裝在一般法蘭和法蘭間
- Light Weight 重量輕
- Chemical Resistant 耐化學
- No corrosion 抗腐蝕

MATERIALS OF CONSTRUCTION

No.	Parts	Pcs.	Materials	No.	Parts	Pcs.	Materials
1	Body	1	UPVC.PP.CPVC.PVDF	5	Packing	2	EPDM.VITON
2	Flapper	1	UPVC.PP.CPVC.PVDF	6	Installation device	1	SUS304, SUS316
3	Flapper mounting screw	2	PP.PVDF	7	Spring	1	SUS304, SUS316
4	O'ring	1	EPDM.VITON				

DIMENSIONS TABLE

Nom. Size DN (inch)	JIS Unit:mm					ANSI Unit:inch					DIN Unit:mm					Test press (kgf/cm²) (bar)	Work press (kgf/cm²) (bar)	Mini Back Pressure Rates psi	
	D1	D3	P	L	H	D1	D3	P	L	H	D1	D3	P	L	H				
40(1-1/2")	23	86	35	16	25	0.89	3.25	1.38	0.63	0.99	23	92	35	16	25	15	10	0.2	0.3
50(2")	32	101	47	20	46	1.26	4.00	1.85	0.79	1.80	32	107	47	20	46	15	10	0.2	0.3
65(2-1/2")	40	121	57	20	51	1.57	4.75	2.24	0.79	2.00	40	127	57	20	51	15	10	0.2	0.3
80(3")	54	131	72	20	74	2.13	5.25	2.83	0.79	2.90	54	142	72	20	74	15	10	0.25	0.3
100(4")	70	156	90	22	91	2.76	6.75	3.54	0.87	3.60	70	162	90	22	91	15	10	0.25	0.3
125(5")	92	187	114	22	96	3.64	7.63	4.48	0.87	3.77	92	187	114	22	96	15	10	0.25	0.3
150(6")	112	217	134	26	147	4.40	8.63	5.27	1.02	5.80	112	217	134	26	147	15	10	0.25	0.3
200(8")	150	267	179	35	191	5.90	10.88	7.04	1.38	7.50	150	272	179	35	191	10	7	0.3	0.3
250(10")	190	330	226	40	229	7.48	13.27	8.89	1.57	9.00	190	327	226	40	229	9	6	0.3	0.3
300(12")	216	375	264	45	259	8.62	16.01	10.39	1.77	10.20	216	375	264	45	259	9	6	0.3	0.3
350(14")	266	420	311	49	245	10.47	17.61	12.24	1.93	9.64	266	430	311	49	245	9	6	0.5	0.5
400(16")	310	483	354	65	285	12.20	20.11	13.93	2.56	11.22	310	488	354	65	285	7	5	0.7	0.6
450(18")	350	538	396	68	330	13.78	21.49	15.59	2.67	13.00	350	538	396	68	330	5	3.5	1.0	0.8
500(20")	400	593	437	78	385	15.75	23.74	17.2	3.07	15.15	400	593	437	78	385	5	3.5	1.1	1.0

※ 本尺表以 PVC 材質為準，本表試壓值以 PVC、PVDF材質為基準，PP材質試壓值為本表試壓值之 70%.

※ 法蘭長度公差依據 EN558-1:1995 標準

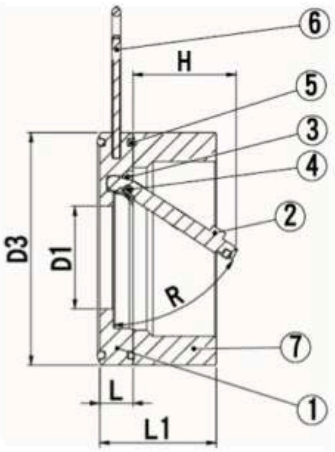
※ 本產品有生產6" 以上 **加強型**，價格另詢。

※ The dimension table is calculated based on PVC material.
The valve of test pressure is calculated based on PVC PVDF materials.
The valve of test pressure for PP material is 70% based on the table.
The flanged length tolerance is according to EN558-1:1995.

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SPACER CONNECTOR





JJ Series 單片式逆止閥轉接頭

MATERIALS OF CONSTRUCTION

Item	Parts	Pcs	Material
1	Body	1	UPVC, CPVC, PP, PVDF
2	Flapper	1	UPVC, CPVC, PP, PVDF
3	Flapper Mounting Screw	2	UPVC, CPVC, PVDF
4	O'ring	1	EPDM, VITON
5	Body O'ring	2	EPDM, VITON
6	Installation Device	1	SUS 316(350~600 NO)
7	Adaptors	1	UPVC, CPVC, PP, PVDF(350~600 NO)
8	Spring	1	SUS 316

DIMENSIONS TABLE

Nom. Size	JIS (DIN)						Unit:mm	ANSI						Unit:mm
	D1	D3	P	L	H	L1	R	D1	D3	P	L	H	L1	R
40(1-1/2")	23	82	35	16	25	38.2	56.0	0.90	3.23	1.38	0.63	0.98	1.50	56.0
50(2")	32	101	45	20	46	46.2	45.0	1.26	3.98	1.77	0.79	1.81	1.82	45.0
65(2-1/2")	38	119	60	20.2	51	59.4	38.0	1.50	4.69	2.36	0.80	2.00	2.34	38.0
80(3")	54	129	72	20	74	67.2	57.0	2.13	5.08	2.83	0.79	2.91	2.65	57.0
100(4")	68	154.4	90	22	91	77.2	57.0	2.68	6.08	3.54	0.87	3.58	3.04	57.0
125(5")	90	187	109	22	96	90.7	45.0	3.54	7.36	4.29	0.87	3.78	3.57	45.0
150(6")	110	210	132	26	113	110.2	45.0	4.33	8.27	5.20	1.02	4.45	4.34	45.0
200(8")	150	262	176	35	153	118.2	45.0	5.90	10.30	6.96	1.38	6.02	4.65	45.0
250(10")	190	321.4	222	42	188	175.2	45.0	7.48	12.65	8.74	1.65	7.40	6.90	45.0
300(12")	216	376	260	45	259	186.2	62.0	8.50	14.80	10.24	1.77	10.20	7.33	62.0



BALL CHECK VALVE (VERTICAL TYPE)



JB Series 球型逆止凡而（直式）

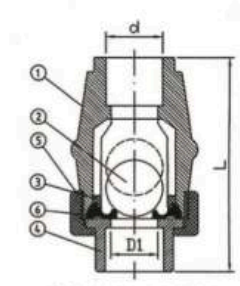
SOCKET JB100 / THREAD JB200 / FLANGED JB300
SIZE: 1/2"-10"

MATERIALS OF CONSTRUCTION

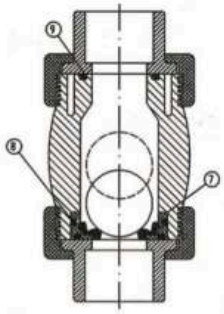
No.	Parts	Pcs.	Materials
1	Body	1	UPVC,PP,CPVC,PVDF
2	Ball	1	UPVC,CPVC,PVDF,PPG
3	Washer	1	UPVC,PP,CPVC,PVDF
4	End Connector	1...DN15-50 2...DN65-100	UPVC,PP,CPVC,PVDF
5	Union Nut	1...DN15-50 2...DN65-100	UPVC,PP,CPVC,PVDF
6	Seat	1	EPDM,VITON
7	Seat Carrier	1	UPVC,PP,CPVC,PVDF
8	Seat Carrier O'ring	1	EPDM,VITON
9	Solid End O'ring	1	EPDM,VITON
10	Flanged End	2...DN15-100 1...DN150-250	UPVC,PP,CPVC,PVDF
11	Reinforcement Plate	4...DN150 8...DN250	SUS304(150A-250A)
12	Bolts on Reinforcement Plate	10...DN150 20...DN250	SUS304

Min.Open Close Pressure kgf/cm² (bar)		
Size	Open	Close
1/2"	0.05	0.2
3/4"	0.05	0.3
1"	0.05	0.3
1-1/4"	0.1	0.3
1-1/2"	0.1	0.3
2"	0.1	0.3
2-1/2"	0.1	0.3
3"	0.1	0.2
4"	0.1	0.2
6"		
10"		

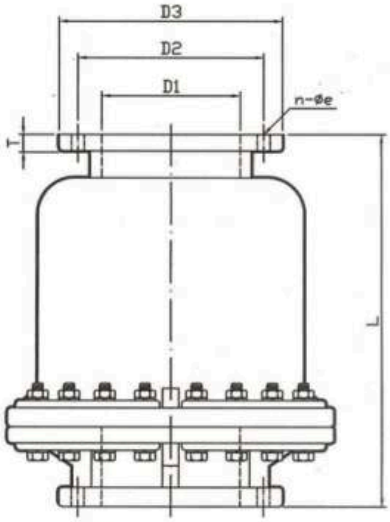
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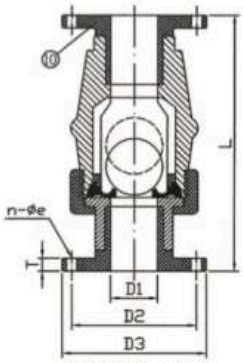
15A(1/2")~50A(2")



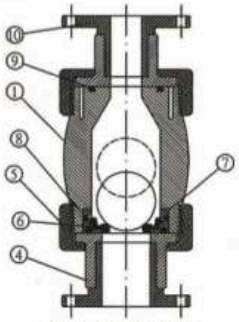
65A(2-1/2")~100A(4")



FLANGED TYPE
150A(6")~250A(10")



FLANGED TYPE
15A(1/2")~50A(2")



FLANGED TYPE
65A(2-1/2")~100A(4")

SPECIFICATIONS:

1.Test Press: ① {15mm(1/2")~100mm(4") : 15kgf/cm²(bar)[225lb/in²)}	2.Working Press: ① {15mm(1/2")~100mm(4") : 10kgf/cm²(bar)[150lb/in²)}
② {150mm(6") : 10kgf/cm² (bar) (150lb/in²) }	② {150mm(6") : 7kgf/cm² (bar) (100lb/in²) }
③ {250mm(10") : 5kgf/cm² (bar) (75lb/in²) }	③ {250mm(10") : 3kgf/cm² (bar) (45lb/in²) }

DIMENSIONS TABLE

Nom. Size DN-inch	JIS Unit:mm											ANSI Unit:inch											DIN Unit:mm									
	D1	d		D2	D3	n	øe	L			T	D1	d		D2	D3	n	øe	L			T	D1	d		D2	D3	n	øe	L			T
		Screw	Socket					Screw	Socket	Flange			Screw	Socket					Screw	Socket	Flange			Screw	Socket					Screw	Socket	Flange	
15(1/2")	15	PT	22	70	95	4	15	96	96	135	15	0.59	NPT	0.84	2.375	3.500	4	0.63	3.78	3.78	5.32	0.59	15	R1/2	20	65	95	4	14	96	96	135	15
20(3/4")	20	PT	26	75	100	4	15	118	118	157	16	0.79	NPT	1.05	2.750	3.785	4	0.63	4.65	4.65	6.18	0.59	20	R3/4	25	75	105	4	14	118	118	157	15
25(1")	26	PT	32	90	125	4	19	124	124	167	17	0.98	NPT	1.32	3.125	4.250	4	0.63	4.88	4.88	6.58	0.66	26	R1	32	85	115	4	14	124	124	167	17
32(1-1/4")	36	PT	38	100	135	4	19	151	151	197	16	1.42	NPT	1.67	3.500	4.625	4	0.63	5.94	5.94	7.77	0.67	36	R1-1/4	40	100	140	4	18	151	151	197	17
40(1-1/2")	36	PT	48	105	145	4	19	151	151	199	18	1.57	NPT	1.91	3.875	5.000	4	0.63	5.94	5.94	7.84	0.7	36	R1-1/2	50	110	150	4	18	151	151	199	17
50(2")	50	PT	60	120	155	4	19	180	180	231	21	1.96	NPT	2.38	4.750	6.000	4	0.75	7.09	7.09	9.09	0.78	50	R2	63	125	165	4	18	180	180	231	20
65(2-1/2")	65	PT	76	140	175	4	19	222	222	275	20	2.36	NPT	2.88	5.500	7.000	4	0.75	8.74	8.74	10.83	0.8	65	R2-1/2	75	145	185	4	18	222	222	275	20
80(3")	80	PT	89	150	185	8	19	275	275	330	23	3.15	NPT	3.51	6.000	7.500	4	0.75	10.83	10.83	12.99	0.91	80	R3	90	160	200	8	18	275	275	330	23
100(4")	100	PT	114	175	210	8	19	361	361	415	20	3.74	NPT	4.51	7.500	9.000	8	0.75	14.21	14.21	16.34	0.92	100	R4	110	180	220	8	18	361	361	415	20
150(6")	150	-	-	240	280	8	23	-	-	485	23	-	-	-	9.500	11.000	8	0.88	-	-	19.09	0.87	150	-	-	240	285	8	23	-	-	485	23
250(10")	250	-	-	355	400	12	25	-	-	668	25	-	-	-	14.250	16.000	12	1.00	-	-	26.3	0.94	250	-	-	350	395	12	23	-	-	668	25

※ 本尺表以 PVC 材質為準，本表試壓值以 PVC、PVDF材質為基準，PP材質試壓值為本表試壓值之 70%.
※ 法蘭長度公差依據 EN558-1:1995 標準

※ The dimension table is calculated based on PVC material.
The valve of test pressure is calculated based on PVC PVDF materials.
The valve of test pressure for PP material is 70% based on the table.
The flanged length tolerance is according to EN558-1:1995.



TRUE UNION BALL CHECK VALVE (VERTICAL TYPE)



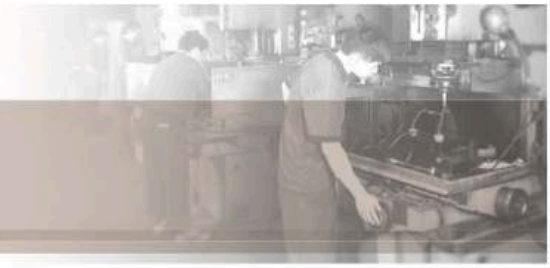
JX Series 由任式球型逆止凡而(直式)

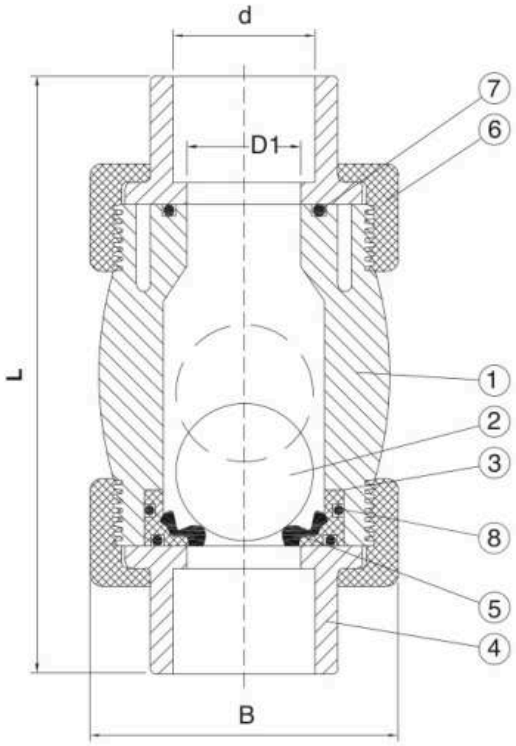
SOCKET JX100 / THREAD JX200
SIZE: 1/2"-4"

MATERIALS OF CONSTRUCTION

No.	Parts	Pcs.	Materials
1	Body	1	UPVC,PP,CPVC,PVDF
2	Ball	1	UPVC,CPVC,PVDF,PPG
3	Seat Carrier	1	UPVC,PP,CPVC,,PVDF
4	End Connector	2	UPVC,PP,CPVC,PVDF
5	Seat	1	EPDM,VITON
6	Union Nut	2	UPVC,PP,CPVC,PVDF
7	O'ring	1	EPDM,VITON
8	Seat Carrier O-Ring	65A-100A	EPDM,VITON

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DN15~DN100

Min. Open & Close Pressure (kgf/cm^2) (bar)

	Open	Close
1/2"	0.05	0.2
3/4"	0.05	0.3
1"	0.05	0.30
1-1/4"	0.10	0.30
1-1/2"	0.10	0.30
2"	0.10	0.30
2-1/2"	0.10	0.30
3"	0.10	0.20
4"	0.10	0.20

DIMENSIONS TABLE

Nom. Size DN (inch)	JIS Unit:mm						ANSI Unit:inch						DIN Unit:mm						Test Press	Working Press
	D1	d		L		B	D1	d		L		B	D1	d		L		B		
		Socket	Thread	Socket	Thread			Socket	Thread	Socket	Thread			Socket	Thread	Socket	Thread		(kgf/cm^2) (bar)	(kgf/cm^2) (bar)
15(1/2")	15	22	PT	104	104	53.5	0.598	0.848	NPT	4.09	4.09	2.016	15	20	R1/2	104	104	53.5	15	10
20(3/4")	19.5	26	PT	120	120	63.3	0.771	1.058	NPT	4.72	4.72	2.492	19.5	25	R3/4	120	120	63.3	15	10
25(1")	25	32	PT	136	136	73	0.984	1.325	NPT	5.35	5.35	2.874	25	32	R1	136	136	73	15	10
32(1-1/4")	32	38	PT	173	173	97.5	1.259	1.670	NPT	6.81	6.81	3.842	32	40	R1-1/4	173	173	97.5	15	10
40(1-1/2")	40	48	PT	174	174	97.5	1.574	1.912	NPT	6.85	6.85	3.842	40	50	R1-1/2	174	174	97.5	15	10
50(2")	50	60	PT	195	195	120.5	1.968	2.387	NPT	7.68	7.68	4.744	50	63	R2	195	195	120.5	15	10
65(2-1/2")	62.5	76	PT	222	222	150	2.46	2.889	NPT	8.74	8.74	5.9	62.5	75	R2-1/2	222	222	150	10	7
80(3")	76	89	PT	274	274	184	3	3.515	NPT	10.71	10.71	7.24	76	90	R3	274	274	184	10	7
100(4")	100	114	PT	361	361	199	3.94	4.518	NPT	14.21	14.21	7.83	100	110	R4	361	361	199	10	7

※ 本尺表以 PVC 材質為準，本表試壓值以 PVC、PVDF材質為基準，PP材質試壓值為本表試壓值之 70%.
※ 法蘭長度公差依據 EN558-1:1995 標準

※ The dimension table is calculated based on PVC material.
The valve of test pressure is calculated based on PVC PVDF materials.
The valve of test pressure for PP material is 70% based on the table.
The flanged length tolerance is according to EN558-1:1995.



IN-LINE SPRING CHECK VALVE



JC Series 彈簧逆止閥

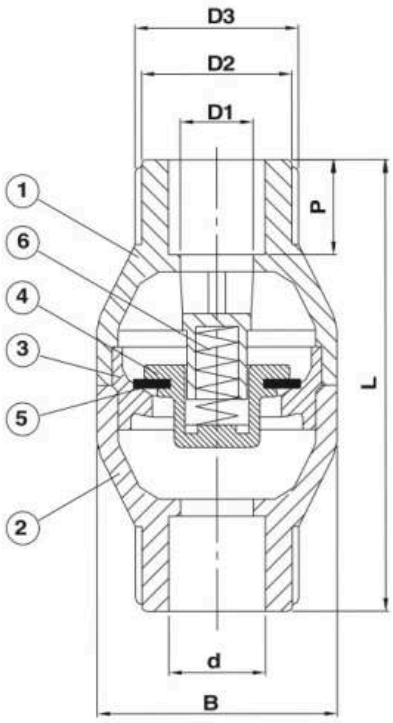
SOCKET JC100 / THREAD JC200
Size: 1/2"- 2"

TEST PRESSURE: 225 PSI ;15 kgf/cm² (bar)
WORKING PRESSURE: 150 PSI ;10 kgf/cm² (bar)

MATERIALS OF CONSTRUCTION

NO	PART	MATERIAL	PCS
1	UPPER BODY	UPVC	1
2	LOWER BODY	UPVC	1
3	CONNECTIR SEAT	UPVC	1
4	SPIGOT	UPVC	1
5	SEAL	EPDM	1
6	SPRING	SUS 304	1

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DN15~DN50

DIMENSIONS TABLE

Nom \ SIZE			15mm (1/2")	20mm (3/4")	25mm (1")	32mm (1-1/4")	40mm (1-1/2")	50mm (2")
d	JIS (mm)	Socket	22	26	32	38	48	60
		Thread	PT1/2	PT3/4	PT1	PT1-1/4	PT1-1/2	PT2
	ANSI (inch)	Socket	0.840	1.050	1.315	1.660	1.900	2.375
		Thread	NPT1/2	NPT3/4	NPT1	NPT1-1/4	NPT1-1/2	NPT2
	DIN (mm)	Socket	20	25	32	40	50	63
		Thread	R1/2	R3/4	R1	R1-1/4	R1-1/2	R2
P		JIS(mm)	22.2	25.4	28.6	31.8	34.9	38.1
		ANSI(inch)	0.875	1.000	1.125	1.250	1.375	1.500
		DIN(mm)	16.0	18.5	22.0	26.0	31.0	37.5
D1			17	21	28	35	40	52
D2			35	35	45	52	60	73
D3			37	37	47	54	62	75
B			56	56	73	91	91	107
L			105	105	134	157	157	178

Foot Valve

福特閥門 系列

- Material: UPVC, PP, CPVC, PPG, PVDF
- Size: DN15~DN250

- 材質：UPVC, PP, CPVC, PPG, PVDF
- 尺寸：DN15~DN250





BALL FOOT VALVE (VERTICAL TYPE)



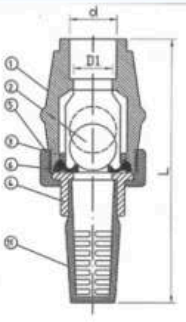
JF Series 福特球型凡而（直式）

SOCKET JF100/THREAD JF200/FLANGED JF300
SIZE:1/2"-10"

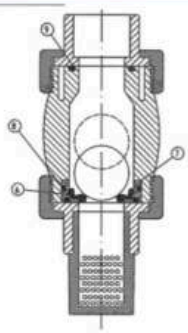
MATERIALS OF CONSTRUCTION

No.	Parts	Pcs.	Materials
1	Body	1	UPVC,PP,PPG,CPVC,PVDF
2	Ball	1	UPVC,PPG,CPVC,PVDF
3	Washer	1	UPVC,PP,CPVC,PVDF
4	Connector	1/2	UPVC,PP,CPVC,PVDF
5	Union Nut	1/2	UPVC,PP,CPVC,PVDF
6	Seat	1	EPDM,VITON
7	Seat Carrier	1	UPVC,PP,CPVC,PVDF
8	Seat Carrier O'ring	1	EPDM,VITON
9	Solid End O'ring	1	EPDM,VITON
10	Flanged End	1	UPVC,PP,PPG,CPVC,PVDF
11	Screen	1	UPVC,PP,CPVC,PVDF

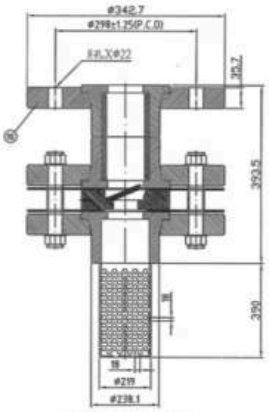
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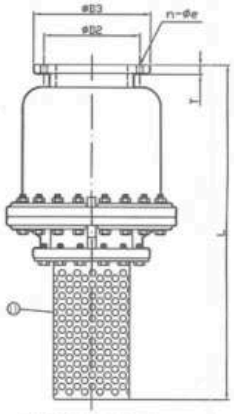
15A(1/2")~50A(2")



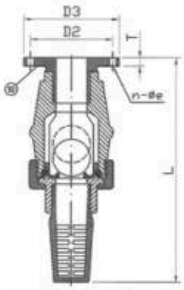
65A(2-1/2")~100A(4")



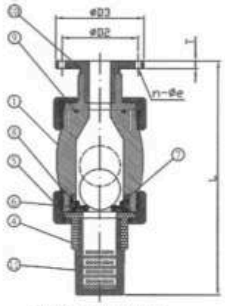
FLANGED TYPE
200A(8")



FLANGED TYPE
150A(6") , 250A(10")



FLANGED TYPE
15A(1/2")~50A(2")



FLANGED TYPE
65A(2-1/2")~100A(4")

SPECIFICATIONS:

1.Test Press: ① {15mm(1/2")~100mm(4") : 10.5kgf/cm² (bar) (155lb/in²) }	2.Working Press: ① {15mm(1/2")~100mm(4") : 7kgf/cm² (bar) (150lb/in²) }
② {150mm(6") : 7kgf/cm² (bar)(105lb/in²) }	② {150mm(6") : 4.9kgf/cm² (bar) (75lb/in²) }
③ {200mm(8") : 5kgf/cm² (bar)(75lb/in³) }	③ {200mm(10") : 3.5kgf/cm² (bar) (52lb/in³) }
④ {250mm(10") : 3.5kgf/cm²(bar) (52.8lb/in²) }	④ {250mm(10") : 2.1kgf/cm² (bar) (31lb/in²) }

DIMENSIONS TABLE

Standards Nom. size DN-inch	JIS Unit:mm											ANSI Unit:inch											DIN Unit:mm									
	D1	d		D2	D3	n	øe	L			T	D1	d		D2	D3	n	øe	L			T	D1	d		D2	D3	n	øe	L			T
		Screw	Socket					Screw	Socket	Flange			Screw	Socket					Screw	Socket	Flange			Screw	Socket					Screw	Socket	Flange	
15(1/2")	15	PT	22	70	95	4	15	138	138	175	16	0.59	NPT	0.84	2.375	3.500	4	0.63	5.43	5.43	6.89	0.62	15	R1/2	20	65	95	4	14	138	138	175	16
20(3/4")	20	PT	26	75	100	4	15	164	164	202	16	0.79	NPT	1.05	2.750	3.875	4	0.63	6.45	6.45	7.95	0.62	20	R3/4	25	75	105	4	14	164	164	202	16
25(1")	26	PT	32	90	125	4	19	180	180	224	16	1.02	NPT	1.32	3.125	4.250	4	0.63	7.08	7.08	8.82	0.62	26	R1	32	85	115	4	14	180	180	224	16
32(1-1/4")	36	PT	38	100	135	4	19	226	226	271	18	1.42	NPT	1.67	3.500	4.625	4	0.63	8.89	8.89	10.67	0.70	36	R1-1/4	40	100	140	4	18	226	226	271	18
40(1-1/2")	36	PT	48	105	145	4	19	226	226	272	18	1.42	NPT	1.91	3.875	5.000	4	0.63	8.89	8.89	10.71	0.70	36	R1-1/2	50	110	150	4	18	226	226	272	18
50(2")	40	PT	60	120	155	4	19	254	254	306	21	1.58	NPT	2.38	4.750	6.000	4	0.75	10.0	10.0	12.05	0.82	40	R2	63	125	165	4	18	254	254	306	21
65(2-1/2")	65	PT	76	140	175	4	19	305	305	359	20	2.56	NPT	2.88	5.500	7.000	4	0.75	12.0	12.0	14.13	0.78	65	R2-1/2	75	145	185	4	18	305	305	359	20
80(3")	80	PT	89	150	185	8	19	373	373	429	23	3.15	NPT	3.51	6.000	7.500	4	0.75	14.68	14.68	16.89	0.90	80	R3	90	160	200	8	18	373	373	429	23
100(4")	100	PT	114	175	210	8	19	488	488	546	23	3.94	NPT	4.51	7.500	9.000	8	0.75	19.21	19.21	21.5	0.90	100	R4	100	180	220	8	18	488	488	546	23
150(6")	150	-	-	240	280	8	23	-	-	790	23	-	-	-	9.500	11.000	8	0.88	-	-	31.10	0.90	150	-	-	240	285	8	23	-	-	790	23
200(8")	200	-	-	290	330	12	23	-	-	783.5	35.7	-	-	-	13.490	13.500	8	0.88	-	-	30.84	-	-	-	-	295	330	8	23	-	-	783.5	35.7
250(10")	250	-	-	355	400	12	25	-	-	1190	25	-	-	-	14.250	16.000	12	1.00	-	-	46.85	0.98	250	-	-	350	395	12	25	-	-	1190	25

※ 本尺表以 PVC 材質為準，本表試壓值以 PVC、PVDF材質為基準，PP材質試壓值為本表試壓值之 70%.

※ 法蘭長度公差依據 EN558-1:1995 標準

※ The dimension table is calculated based on PVC material.
The valve of test pressure is calculated based on PVC PVDF materials.
The valve of test pressure for PP material is 70% based on the table.
The flanged length tolerance is according to EN558-1:1995.



IN-LINE SPRING FOOT VALVE



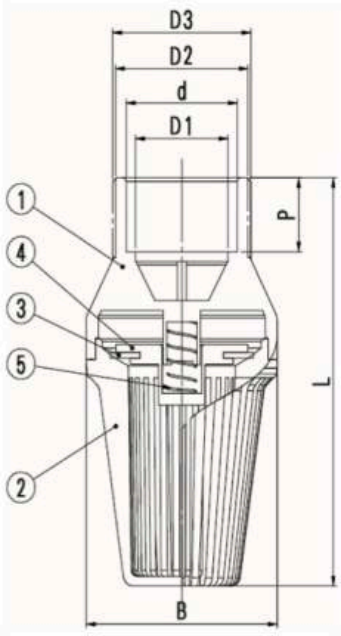
JD Series 彈簧式福特閥

SOCKET JD100 / THREAD JD200
Size: 1/2"- 2"

Test Press:15kgf/cm²(bar) 225psi Working Press:10kgf/cm² (bar) 150psi

MATERIALS OF CONSTRUCTION

No	Part	Material	PCS
1	UPPER BODY	UPVC	1
2	FILTER	UPVC	1
3	SEAL	EPDM	1
4	SPIGOT	UPVC	1
5	SPRING	SUS 304	1



DIMENSIONS TABLE

Nom \ SIZE			15mm (1/2")	20mm (3/4")	25mm (1")	32mm (1-1/4")	40mm (1-1/2")	50mm (2")
d	JIS (mm)	Socket	20	26	32	38	48	60
		Thread	PT1/2	PT3/4	PT1	PT1-1/4	PT1-1/2	PT2
	ANSI (inch)	Socked	0.840	1.050	1.315	1.660	1.900	2.375
		Thread	NPT1/2	NPT3/4	NPT1	NPT1-1/4	NPT1-1/2	NPT2
	DIN (mm)	Socked	20	25	32	40	50	63
		Thread	R1/2	R3/4	R1	R1-1/4	R1-1/2	R2
P		JIS(mm)	22.2	25.4	28.6	31.8	34.9	38.1
		ANSI(inch)	0.875	1.000	1.125	1.250	1.375	1.500
		DIN(mm)	16.0	18.5	22.0	26.0	31.0	37.5
D1			17	21	28	35	40	52
D2			35	35	45	52	60	73
D3			37	37	47	54	62	75
B			56	56	71	102	102	114
L			129	129	149	173	173	211

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POOL & SPA VALVE



EP Series 泳池閥（柱塞閥）

SOCKET EP100 / THREAD EP200
Size: 1 1/2"- 2" (2-WAY & 3-WAY)

Introduction

The Pool & Spa valve incorporates the latest thinking in full flow valve design. The self locking handle makes it easier to use and adjust and the lock ring closure allows quick, easy maintenance without the use of special tools. Port sizes use PVC or ABS pressure pipe.

Installation

A partial stop is provided on the lid of all valves, although this can be by-passed by fully depressing the handle and rotating.

On 2-way valves the valve should be installed with the stop facing the water flow.

On 3-way valves the stop is usually positioned opposite the centre port-or opposite the port feeding directly to the pump. The stop can be adjusted by unscrewing the lock ring and roating the lid assembly.

Use the correct PVC pressure pipe adhesive carefully following the manufacture's instructions.

Coat the valve port and the pipe with adhesive. Avoid excessive adhesive inside the valve port. A lip is provided in the valve to stop excessive adhesive getting into the valve internals. Damage due to adhesive inside the valve is not covered by the warranty.

Allow 30 minutes before testing and 12 hours before testing under pressure.

Servicing

Every valve is assembled lubricated with a waterproof silicon grease.

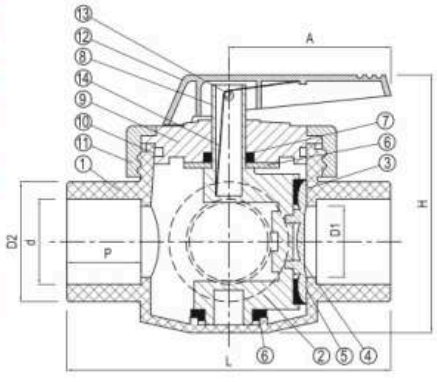
Valves that are used frequently will operate freely with the water acting as a lubricat. Valves left for long periods tend to stick and may need some extra force to operate. To avoid this regular greasing with a silicone based grease is recommended. DO NOT USE PETROLEUM BASED LUBRICANTS.

MATERIALS OF CONSTRUCTION

No.	Part	Pcs.	Material	No.	Part	Pcs.	Material
1	Body (2 Way or 3 Way)	1	UPVC, ABS	8	Rotor Shaft		PPG
2	Roter Gate	1	PPG	9	Lid	1	UPVC, ABS
3	Seal Retaining Plate	1	PPG	10	Lid O'ring	1	EPDM
4	Retaining Plate Screw	2	SUS304	11	Lid Lock Ring	1	ABS
5	Rotor Seal	1	EPDM	12	Handle	1	ABS
6	Bearing	2	POM	13	Set Pin	1	BRASS
7	Rotor O'ring	1	EPDM	14	Spring	1	SUS304

DIMENSIONS TABLE

Nom Size DN-inch	Dimensions Unit:mm								
	Flow	d		D1	D2	D3	L	H	A
40(1-1/2")	2-Way	SOCKET	THREAD	45	60	107	164	155	88
	3-Way	SOCKET	THREAD	45	60	107	164	155	88
50(2")	2-Way	SOCKET	THREAD	56	71	125	189	160	88
	3-Way	SOCKET	THREAD	56	71	125	189	160	88



DN40~DN50

Sediment Strainers
過濾器 系列

Hi -Tech'S, Hi-Qualitly'S

- Material: UPVC, PP, PPG, CPVC, PVDF
- Size: 1"~8"

- 材質：UPVC, PP, PPG, CPVC, PVDF
- 尺寸：1"~8"





T-TYPE SEDIMENT STRAINERS



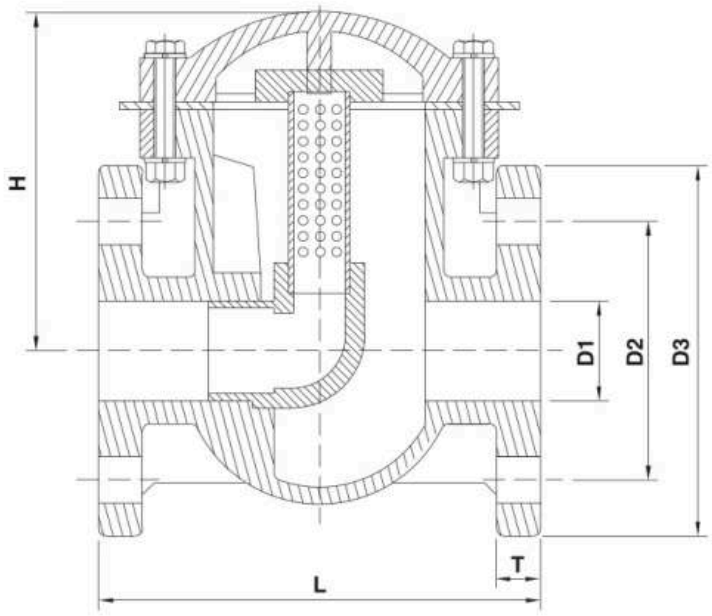
JS Series 過濾器

JS 300
Size: 1/2"- 8"

MATERIALS OF CONSTRUCTION

MATERIAL	U-PVC, PP, CPVC, PPG, PVDF
SIZES	1/2",3/4",1",1-1/4,1-1/2",2",2-1/2",3",4",5",6",8"
END CONNECTIONS	Flange ends with in JIS; DIN; ANSI; BS STANDARD
WORKING TEMP	U-PVC:0℃~60℃,PP:-20℃~90℃,PPG:-20℃~100℃, CPVC:0℃~90℃, PVDF:-40℃~120℃

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DN15~DN200

DIMENSIONS TABLE

Nom. Size DN-inch	D1	L	D2			D3			T	H	SCREEN (mm)	Test Press		Working Press	
			JIS	DIN	ANSI (inch)	JIS	DIN	ANSI (inch)				kg/cm² (bar)	lb/in²	kg/cm² (bar)	lb/in²
15(1/2")	25	160	70	65	2.38	95	95	3.50	15	129	2.5	15	225	10	150
20(3/4")	25	160	75	75	2.76	100	105	3.86	15	129	2.5	15	225	10	150
25(1")	25	160	90	85	3.13	125	125	4.25	15	129	2.5	15	225	10	150
32(1-1/4")	41	180	100	100	3.50	135	135	4.60	18	141	2.5	15	225	10	150
40(1-1/2")	41	180	105	110	3.88	150	150	5.91	18	141	2.5	15	225	10	150
50(2")	52	200	120	125	4.74	155	155	6.10	18	165	2.5	15	225	10	150
65(2-1/2")	80	260	140	145	5.49	175	175	6.88	22	180	2.5	15	225	10	150
80(3")	80	260	150	160	6.00	185	190.5	7.87	22	180	2.5	15	225	10	150
100(4")	100	300	175	180	7.50	234	234	9.21	24	216	2.5	10	150	7	105
125(5")	125	350	210	210	8.50	250	250	9.84	24	239.5	2.5	10	150	7	105
150(6")	150	400	240	240	9.51	289	289	11.38	30	273	2.5	10	150	7	105
200(8")	200	500	290	295	11.75	330	330	12.99	30	310	2.5	10	150	7	105

※ 本尺表以 PVC 材質為準，本表試壓值以 PVC、PVDF材質為基準，PP材質試壓值為本表試壓值之 70%.

※ 法蘭長度公差依據 EN558-1:1995 標準

※ The dimension table is calculated based on PVC material.
The valve of test pressure is calculated based on PVC PVDF materials.
The valve of test pressure for PP material is 70% based on the table.
The flanged length tolerance is according to EN558-1:1995.



Y-SEDIMENT STRAINERS



EY Series　Y 型過濾器

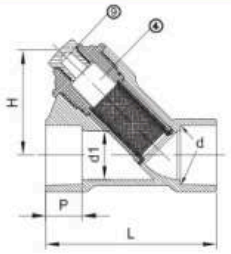
SOCKET EY100 / THREAD EY200 / FLANGE EY300
Size: 1/2"- 4"

Color: Clear & gray

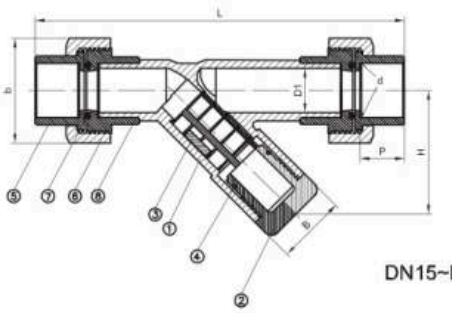
MATERIALS OF CONSTRUCTION

No.	Parts	Pcs.	Materials
1	Body	1	UPVC,CPVC
2	Lid	1	UPVC,CPVC
3	Screen	1	PE
4	Body O'ring	1	EPDM,VITON
5	Connector	2	UPVC,CPVC
6	Union Nut	2	UPVC,CPVC
7	Union O'ring	2	EPDM,VITON
8	Flange	2	UPVC,CPVC
9	Bolt O'ring	1	EPDM,VITON

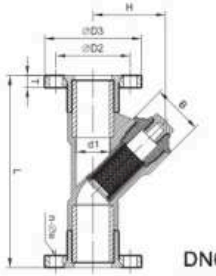
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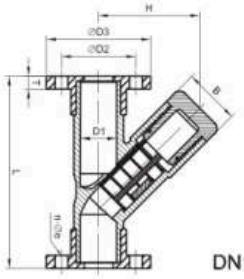
DN65~DN100 (ANSI 專用)



DN15~DN100



DN65~DN100



DN15~DN50

DIMENSIONS TABLE

JIS Unit:mm

Nom. Size DN-inch	D1	D2	D3	d SOCKET	d THREAD	Øe	n	P	L SOCKET	L THREAD	L FLANGE	B	T	H	b	Test Press (kgf/cm²)	Working Press (kgf/cm²)
15(1/2")	15.0	70	95	22	PT 1/2"	15	4	22.2	205.0	205.0	146.0	35.0	15	70.0	46	15	10
20(3/4")	20.0	75	100	26	PT 3/4"	15	4	25.4	234.0	234.0	170.0	39.0	15	80.0	61	15	10
25(1")	26.0	90	125	32 (CNS) 34	PT 1"	19	4	28.6	250.0	250.0	174.0	47.0	17	95.0	70 67	15	10
32(1-1/4")	32.0	100	135	38 (CNS) 42	PT 1-1/4"	19	4	31.8	283.0	283.0	200.0	55.0	17	110.0	81 89	15	10
40(1-1/2")	40.0	105	140	48	PT 1-1/2"	19	4	34.9	312.0	312.0	218.0	70.0	17	132.0	89	15	10
50(2")	50.0	120	155	60	PT 2"	19	4	38.1	352.0	352.0	238.0	81.0	20	155.0	101	15	10
65(2-1/2")	60.6	140	175	76	PT 2-1/2"	19	4	44.5	445.0	445.0	312.0	89.5	20	137.1	150	15	10
80(3")	80.0	150	185	89	PT 3"	19	8	47.6	516.0	516.0	360.0	109.3	23	163.8	184	15	10
100(4")	100.0	175	210	114	PT 4"	19	8	57.1	602.0	602.0	408.0	136.1	23	199.2	199	15	10

ANSI Unit:inch

Nom. Size DN-inch	D1	D2	D3	d SOCKET	d THREAD	Øe	n	P	L SOCKET	L THREAD	L FLANGE	B	T	H	b	Test Press (lb/in²)	Working Press (lb/in²)
15(1/2")	0.59	2.38	3.50	0.84	NPT 1/2"	0.63	4	0.88	8.07	8.07	5.75	1.37	0.59	2.76	1.81	235	150
20(3/4")	0.79	2.75	3.88	1.05	NPT 3/4"	0.63	4	1.00	9.21	9.21	6.69	1.53	0.63	3.15	2.40	235	150
25(1")	1.02	3.13	4.25	1.31	NPT 1"	0.63	4	1.13	9.84	9.84	6.85	1.85	0.67	3.74	2.76	235	150
32(1-1/4")	1.26	3.50	4.63	1.66	NPT 1-1/4"	0.63	4	1.25	11.14	11.14	7.87	2.16	0.67	4.33	3.19	235	150
40(1-1/2")	1.57	3.88	5.00	1.89	NPT 1-1/2"	0.63	4	1.38	12.28	12.28	8.58	2.75	0.71	5.20	3.50	235	150
50(2")	1.97	4.75	6.00	2.37	NPT 2"	0.75	4	1.50	13.86	13.86	9.37	3.18	0.79	6.10	3.98	235	150
65(2-1/2")	2.39	5.50	7.00	2.87	NPT 2-1/2"	0.75	4	1.75	8.25	8.25	12.28	3.52	0.79	5.40	5.91	235	150
80(3")	3.15	6.00	7.50	3.49	NPT 3"	0.75	4	1.88	9.63	9.63	14.17	4.30	0.90	6.45	7.24	235	150
100(4")	3.94	7.50	9.00	4.49	NPT 4"	0.75	8	2.25	11.69	11.69	16.06	5.36	0.90	7.84	7.83	235	150

DIN Unit:mm

Nom. Size DN-inch	D1	D2	D3	d SOCKET	d THREAD	Øe	n	P	L SOCKET	L THREAD	L FLANGE	B	T	H	b	Test Press (bar)	Working Press (bar)
15(1/2")	15.0	65	95	20	R 1/2"	14	4	16.0	205.0	205.0	146.0	35.0	15	70.0	46	15	10
20(3/4")	20.0	75	105	25	R 3/4"	14	4	18.5	234.0	234.0	170.0	39.0	16	80.0	61	15	10
25(1")	26.0	85	115	32	R1"	14	4	22.0	250.0	250.0	174.0	47.0	17	95.0	70	15	10
32(1-1/4")	32.0	100	140	40	R1-1/4"	18	4	26.0	283.0	283.0	200.0	55.0	17	110.0	81	15	10
40(1-1/2")	40.0	110	150	50	R1-1/2"	18	4	31.0	312.0	312.0	218.0	70.0	17	132.0	88	15	10
50(2")	50.0	125	165	63	R 2"	18	4	37.5	352.0	352.0	238.0	81.0	20	155.0	101	15	10
65(2-1/2")	60.6	145	185	75	R2-1/2"	18	4	43.5	445.0	445.0	312.0	89.5	20	137.1	150	15	10
80(3")	80.0	160	200	90	R 3"	18	8	51.0	516.0	516.0	360.0	109.3	23	163.8	184	15	10
100(4")	100.0	180	220	110	R 4"	18	8	61.0	602.0	602.0	408.0	136.1	23	199.2	199	15	10

※ 法蘭長度公差依據 EN558-1:1995 標準

※ The flanged length tolerance is according to EN558-1:1995.

Electric / Pneumatic Actuated Valve
電動/氣動閥門 系列

Hi -Tech'S, Hi-Qualitly'S

Electric Actuated Butterfly Valve
Electric Actuated Ball Valve
Pneumatic Actuated Butterfly Valve
Pneumatic Actuated Ball Valve

電動式蝶閥
電動式球閥
氣動式蝶閥
氣動式球閥

- Material: UPVC, PP, PPG, CPVC, PVDF
- Electric Actuated Butterfly Valve Size: 2"~14"
- Electric Actuated Ball Valve Size: 1/2"~4"
- Pneumatic Actuated Butterfly Valve Size: 2"~24"
- Pneumatic Actuated Ball Valve Size: 1/2"~4"

- 材質：UPVC, PP, PPG, CPVC, PVDF
- 電動式蝶閥 尺寸：2"~14"
- 電動式球閥 尺寸：1/2"~4"
- 氣動式蝶閥 尺寸：2"~24"
- 氣動式球閥 尺寸：1/2"~4"





PNEUMATIC ACTUATED BALL VALVE (DOUBLE ACTION TYPE)



CO Series 雙式氣動球閥

SOCKET CO100 / THREAD CO200 / FLANGED CO300
Size: 1/2"-4"

MATERIALS OF CONSTRUCTION

No.	Parts	Pcs	Materials	No.	Parts	Pcs	Materials
1	STEM	1	UPVC, PP, CPVC, PVDF	9	BODY O-RING	2	EPDM, VITON
2	BALL	1	UPVC, PP, CPVC, PVDF	10	SEAT CARRIER	1	UPVC, PP, CPVC, PVDF
3	BODY	1	UPVC, PP, CPVC, PVDF	11	BRASS INSERTS	4...15-50 8...65-100	BRASS
4	UNION NUT	2	UPVC, PP, CPVC, PVDF	12	FLANGE	2	UPVC, PP, CPVC, PVDF
5	END CONNECTOR	2	UPVC, PP, CPVC, PVDF	13	MOUNTING BRACKET	1	SU304
6	SEAT	2	PTFE	14	STEM TRANSMIT HOUSING	1	SU304
7	STEM O-RING	1..15-50 2..65-100	EPDM,VITON	15	PNEUMATIC ACTUATORS	1	ECRLD ALLIMINUM ALLOY
8	SEAT CARRIER O-RING	1	EPDM,VITON				

★ 氣缸動作壓力(氣壓)：最小5kg/cm²
最大8kg/cm²

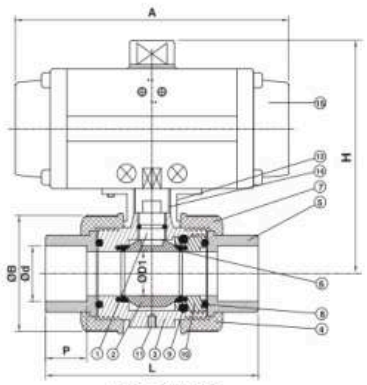
DIMENSIONS TABLE

JIS

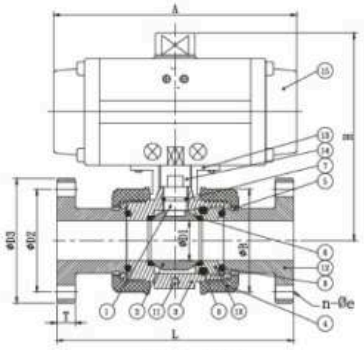
Unit: mm

Nominal Pipe Size	D1	D2	D3	d		e	n	P	L			H	H1	A	J	T	K	E	S	S1	Test Press (kgf/cm²)	Working press (kgf/cm²)
				Socket	Thread				Socket	Thread	Flange											
15(1/2")	15	70	95	22	PT1/2"	15	4	22.2	115	115	153	151.6	40	137	66	15	31		3/16"-24G	4	22.5	15
20(3/4")	19	75	100	26	PT3/4"	15	4	25.4	126	126	165	157.5	40	137	66	15	37		1/4"-20G	4	22.5	15
25(1")	25	90	125	32	PT 1"	19	4	28.6	144	144	189	162.0	40	137	66	17	40		1/4"-20G	4	22.5	15
32(1-1/4")	38	100	135	38	PT1-1/4"	19	4	31.8	181	181	226	197.7	55	152	73	17	55		5/16"-18G	4	22.5	15
40(1-1/2")	38	105	140	48	PT1-1/2"	19	4	34.9	181	181	226	197.7	55	152	73	19	55		5/16"-18G	4	22.5	15
50(2")	48	120	155	60	PT 2"	19	4	38.1	202	202	252	208.3	55	152	85	21	68		5/16"-18G	4	22.5	15
65(2-1/2")	65	140	175	76	PT2-1/2"	19	4	44.5	227	227	281	263.2	68	230	98	21	80	41	5/16"-18G	8	15	10
80(3")	78	150	185	89	PT 3"	19	8	47.6	275	275	330	307.7	85	271	110	22	80	41	5/16"-18G	8	15	10
100(4")	102	175	210	114	PT 4"	19	8	57.2	321	321	387	326.0	80	360	140	22	121	50	5/16"-18G	8	15	10

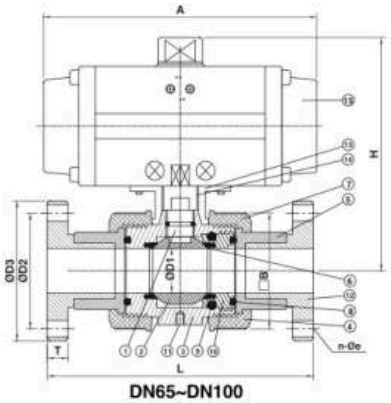
Tel: 886-4-2626 6926 Fax: 886-4-2626 7189 E-mail: shvalve8@ms23.hinet.net http://www.shieyu-valve.com.tw



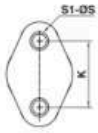
DN15~DN100
SOCKET & SCREW TYPE



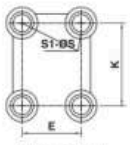
DN15~DN50
FLANGE TYPE



DN65~DN100
FLANGE TYPE

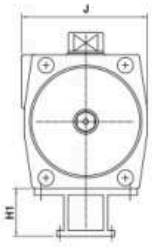


DN15~DN50



DN65~DN100

MOUNTING PAD



DIMENSIONS TABLE

ANSI Unit: inch

Nominal Pipe Size	D1	D2	D3	d		e	n	P	L			H	H1	A	J	T	K	E	S	S1	Test press (lb/in²)	Working press (lb/in²)
				Socket	Thread				Socket	Thread	Flange											
15(1/2")	0.59	2.375	3.500	0.848	NPT1/2"	0.625	4	0.875	4.528	4.528	6.024	5.97	1.57	5.39	2.60	0.59	1.22		3/16"-24G	4	353	235
20(3/4")	0.748	2.750	3.875	1.058	NPT3/4"	0.625	4	1.000	4.960	4.960	6.496	6.20	1.57	5.39	2.60	0.59	1.45		1/4"-20G	4	353	235
25(1")	0.98	3.125	4.250	1.325	NPT 1"	0.625	4	1.125	5.669	5.669	7.440	6.38	1.57	5.39	2.60	0.66	1.57		1/4"-20G	4	353	235
32(1-1/4")	1.496	3.500	4.625	1.670	NPT1-1/4"	0.625	4	1.125	7.126	7.126	8.898	7.78	2.17	5.98	2.87	0.66	2.16		5/16"-18G	4	353	235
40(1-1/2")	1.496	3.875	5.000	1.912	NPT1-1/2"	0.625	4	1.375	7.126	7.165	8.898	7.78	2.17	5.98	2.87	0.75	2.16		5/16"-18G	4	353	235
50(2")	1.89	4.750	6.000	2.387	NPT 2"	0.750	4	1.500	7.953	7.953	9.921	8.20	2.17	5.98	2.87	0.83	2.67		5/16"-18G	4	353	235
65(2-1/2")	2.56	5.500	7.000	2.889	NPT2-1/2"	0.750	4	1.750	8.937	8.937	11.063	10.36	2.68	9.06	3.86	0.83	3.15	1.61	5/16"-18G	8	225	150
80(3")	3.07	6.000	7.500	3.515	NPT 3"	0.750	4	1.875	10.826	10.826	12.992	12.11	3.35	10.76	4.33	0.866	3.15	1.61	5/16"-18G	8	225	150
100(4")	4.01	7.500	9.000	4.518	NPT 4"	0.750	8	2.250	12.638	12.638	15.236	12.83	3.15	14.17	6.10	0.866	4.76	1.97	5/16"-18G	8	225	150

DIN Unit: mm

Nominal Pipe Size	D1	D2	D3	d		e	n	P	L			H	H1	A	J	T	K	E	S	S1	Test press (bar)	Working press (bar)
				Socket	Thread				Socket	Thread	Flange											
15(1/2")	15	65	95	20	R 1/2"	14	4	16.0	115	115	153	151.6	40	137	66	15	31		3/16"-24G	4	24	16
20(3/4")	19	75	105	25	R 3/4"	14	4	18.5	126	126	165	157.5	40	137	66	15	37		1/4"-20G	4	24	16
25(1")	25	85	115	32	R 1"	14	4	22.0	144	144	189	162.0	40	137	66	17	40		1/4"-20G	4	24	16
32(1-1/4")	38	100	140	40	R 1-1/4"	18	4	26.0	181	181	226	197.7	55	152	73	17	55		5/16"-18G	4	24	16
40(1-1/2")	38	110	150	50	R 1-1/2"	18	4	31.0	181	181	226	197.7	55	152	73	19	55		5/16"-18G	4	24	16
50(2")	48	120	165	63	R 2"	18	4	37.5	202	202	252	208.3	55	152	85	21	68		5/16"-18G	4	24	16
65(2-1/2")	65	145	185	75	R 2-1/2"	18	4	43.5	227	227	281	263.2	68	230	98	21	80	41	5/16"-18G	8	15	10
80(3")	78	160	200	90	R 3"	18	8	51.0	275	275	330	307.7	85	271	110	22	80	41	5/16"-18G	8	15	10
100(4")	102	180	220	110	R 4"	18	8	61.0	321	321	387	326.0	80	360	14	22	121	50	5/16"-18G	8	15	10

※ 本尺表以 PVC 材質為準，本表試壓值以 PVC、PVDF材質為基準，PP材質試壓值為本表試壓值之 70%.

※ 法蘭長度公差依據 EN558-1:1995 標準

※ The dimension table is calculated based on PVC material.
The valve of test pressure is calculated based on PVC PVDF materials.
The valve of test pressure for PP material is 70% based on the table.
The flanged length tolerance is according to EN558-1:1995.



PNEUMATIC ACTUATED BALL VALVE (SPRING RETURN TYPE)



CQ Series 單式氣動球閥

SOCKET CQ100 / THREAD CQ200 / FLANGED CQ300
Size: 1/2"-4"

MATERIALS OF CONSTRUCTION

No.	Parts	Pcs	Materials	No.	Parts	Pcs	Materials
1	STEM	1	UPVC, PP, CPVC, PVDF	9	BODY O-RING	2	EPDM,VITON
2	BALL	1	UPVC, PP, CPVC, PVDF	10	SEAT CARRIER	1	UPVC, PP, CPVC, PVDF
3	BODY	1	UPVC, PP, CPVC, PVDF	11	BRASS INSERTS	4...15-50 8...65-100	BRASS
4	UNION NUT	2	UPVC, PP, CPVC, PVDF	12	FLANGE	2	UPVC, PP, CPVC, PVDF
5	END CONNECTOR	2	UPVC, PP, CPVC, PVDF	13	MOUNTING BRACKET	1	SUS304
6	SEAT	2	PTFE	14	STEM TRANSMIT HOUSING	1	SUS304
7	STEM O-RING	1...15-50 2...65-100	EPDM,VITON	15	PNEUMATIC ACTUATORS	1	ECRLD ALLIMINUM ALLOY
8	SEAT CARRIER O-RING	1	EPDM,VITON				

* 氣缸動作壓力(氣壓)：最小5kg/cm²
最大8kg/cm²

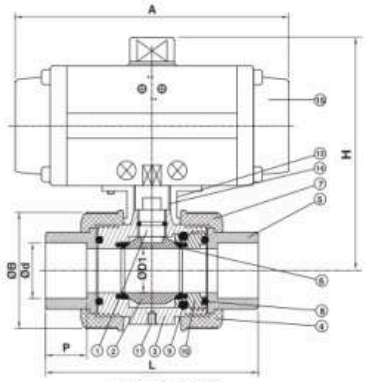
DIMENSIONS TABLE

JIS

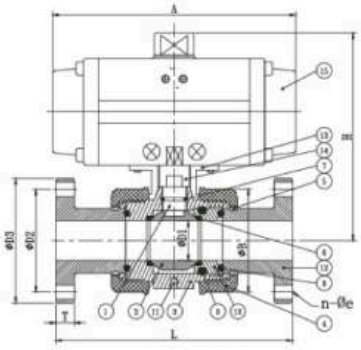
Unit: mm

Nominal Pipe Size	D1	D2	D3	d		e	n	P	L			H	H1	A	J	T	K	E	S	S1	Test press (kgf/cm²)	Working press (kgf/cm²)
				Socket	Thread				Socket	Thread	Flange											
15(1/2")	15	70	95	22	PT1/2"	15	4	22.2	115	115	153	151.6	40	137	66	15	31		3/16"-24G	4	22.5	15
20(3/4")	19	75	100	26	PT3/4"	15	4	25.4	126	126	165	157.5	40	137	66	15	37		1/4"-20G	4	22.5	15
25(1")	25	90	125	32	PT 1"	19	4	28.6	144	144	189	162.0	40	137	66	17	40		1/4"-20G	4	22.5	15
32(1-1/4")	38	100	135	38	PT1-1/4"	19	4	31.8	181	181	226	197.7	55	152	73	17	55		5/16"-18G	4	22.5	15
40(1-1/2")	38	105	140	48	PT1-1/2"	19	4	34.9	181	181	226	197.7	55	152	73	19	55		5/16"-18G	4	22.5	15
50(2")	48	120	155	60	PT 2"	19	4	38.1	202	202	252	208.3	55	152	85	21	68		5/16"-18G	4	22.5	15
65(2-1/2")	65	140	175	76	PT2 1/2"	19	4	44.5	227	227	281	263.2	68	230	98	21	80	41	5/16"-18G	8	22.5	15
80(3")	78	150	185	89	PT 3"	19	8	47.6	275	275	330	307.7	85	271	110	22	80	41	5/16"-18G	8	15	10
100(4")	102	175	210	114	PT 4"	19	8	57.2	321	321	387	326.0	80	360	140	22	121	50	5/16"-18G	8	15	10

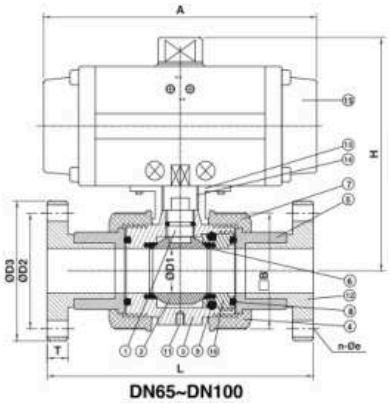
Tel: 886-4-2626 6926 Fax: 886-4-2626 7169 E-mail: shvalve8@ms23.hinet.net http://www.shieyu-valve.com.tw



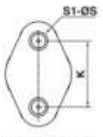
DN15~DN100
SOCKET & SCREW TYPE



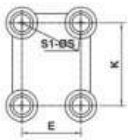
DN15~DN50
FLANGE TYPE



DN65~DN100
FLANGE TYPE

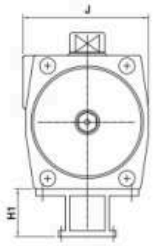


DN15~DN50



DN65~DN100

MOUNTING PAD



DIMENSIONS TABLE

ANSI — Unit: inch

Nominal Pipe Size	D1	D2	D3	d		e	n	P	L			H	H1	A	J	T	K	E	S	S1	Test press (lb/in²)	Working press (lb/in²)
				Socket	Thread				Socket	Thread	Flange											
15(1/2")	0.59	2.375	3.500	0.848	NPT1/2"	0.625	4	0.875	4.528	4.528	6.024	5.97	1.57	5.39	2.60	0.59	1.22		3/16"-24G	4	353	235
20(3/4")	0.748	2.750	3.875	1.058	NPT3/4"	0.625	4	1.000	4.960	4.960	6.496	6.20	1.57	5.39	2.60	0.59	1.45		1/4"-20G	4	353	235
25(1")	0.98	3.125	4.250	1.325	NPT 1"	0.625	4	1.125	5.669	5.669	7.440	6.38	1.57	5.39	2.60	0.66	1.57		1/4"-20G	4	353	235
32(1-1/4")	1.496	3.500	4.625	1.670	NPT1-1/4"	0.625	4	1.125	7.126	7.126	8.898	7.78	2.17	5.98	2.87	0.66	2.16		5/16"-18G	4	353	235
40(1-1/2")	1.496	3.875	5.000	1.912	NPT1-1/2"	0.625	4	1.375	7.126	7.126	8.898	7.78	2.17	5.98	2.87	0.75	2.16		5/16"-18G	4	353	235
50(2")	1.89	4.750	6.000	2.387	NPT 2"	0.75	4	1.500	7.953	7.953	9.921	8.20	2.17	5.98	2.87	0.83	2.67		5/16"-18G	4	353	235
65(2-1/2")	2.56	5.500	7.000	2.889	NPT21/2"	0.75	4	1.750	8.937	8.937	11.063	10.36	2.68	9.06	3.86	0.83	3.15	1.61	5/16"-18G	8	225	150
80(3")	3.07	6.000	7.500	3.515	NPT 3"	0.75	4	1.875	10.826	10.826	12.992	12.11	3.35	10.76	4.33	0.866	3.15	1.61	5/16"-18G	8	225	150
100(4")	4.01	7.500	9.000	4.518	NPT 4"	0.75	8	2.250	12.638	12.638	15.236	12.83	3.15	14.17	6.10	0.866	4.76	1.97	5/16"-18G	8	225	150

DIN — Unit: mm

Nominal Pipe Size	D1	D2	D3	d		e	n	P	L			H	H1	A	J	T	K	E	S	S1	Test press (bar)	Working press (bar)
				Socket	Thread				Socket	Thread	Flange											
15(1/2")	15	65	95	20	R 1/2"	14	4	16.0	115	115	153	151.6	40	137	66	15	31		3/16"-24G	4	24	16
20(3/4")	19	75	105	25	R 3/4"	14	4	18.5	126	126	165	157.5	40	137	66	15	37		1/4"-20G	4	24	16
25(1")	25	85	115	32	R 1"	14	4	22.0	144	144	189	162.0	40	137	66	17	40		1/4"-20G	4	24	16
32(1-1/4")	38	100	140	40	R 1-1/4"	18	4	26.0	181	181	226	197.7	55	152	73	17	55		5/16"-18G	4	24	16
40(1-1/2")	38	110	150	50	R 1-1/2"	18	4	31.0	181	181	226	197.7	55	152	73	19	55		5/16"-18G	4	24	16
50(2")	48	120	165	63	R 2"	18	4	37.5	202	202	252	208.3	55	152	85	21	68		5/16"-18G	4	24	16
65(2-1/2")	65	145	185	75	R 21/2"	18	4	43.5	227	227	281	263.2	68	230	110	21	80	41	5/16"-18G	8	15	10
80(3")	78	160	200	90	R 3"	18	8	51.0	275	275	330	307.7	85	271	110	22	80	41	5/16"-18G	8	15	10
100(4")	102	180	220	110	R 4"	18	8	61.0	321	321	387	362.0	80	360	140	22	121	50	5/16"-18G	8	15	10

※ 本尺表以 PVC 材質為準，本表試壓值以 PVC、PVDF材質為基準，PP材質試壓值為本表試壓值之 70%.
※ 法蘭長度公差依據 EN558-1:1995 標準

※ The dimension table is calculated based on PVC material.
The valve of test pressure is calculated based on PVC PVDF materials.
The valve of test pressure for PP material is 70% based on the table.
The flanged length tolerance is according to EN558-1:1995.



ELECTRIC ACTUATED BALL VALVE



CJ Series 電動球閥

SOCKET CJ100 / THREAD CJ200 /FLANGED CJ300
Size: 1/2"-4"

FEATURES:

1. Small HP,big torque,electrial-saving.
2. Light weight,compact,easy to install,long sorvice life.
3. water proof.

OPTIONS:

1. AC single-phase 100/220V,3-phase 220V,380V,160V
2. manual operation option.

MATERIALS OF CONSTRUCTION

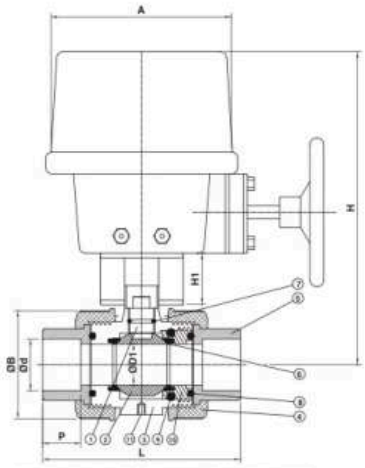
No.	Parts	Pcs	Materials	No.	Parts	Pcs	Materials
1	STEM	1	UPVC, PP, CPVC, PVDF	9	BODY O-RING	2	EPDM,VITON
2	BALL	1	UPVC, PP, CPVC, PVDF	10	SEAT CARRIER	1	UPVC, PP, CPVC, PVDF
3	BODY	1	UPVC, PP, CPVC, PVDF	11	BRASS INSERTS	4...15-50 8...65-100	BRASS
4	UNION NUT	2	UPVC, PP, CPVC, PVDF	12	FLANGE	2	UPVC, PP, CPVC, PVDF
5	END CONNECTOR	2	UPVC, PP, CPVC, PVDF	13	COUPLING	1	SUS304
6	SEAT	2	PTFE	14	MOUNTING BRACKET	1	SUS304
7	STEM O-RING	1...15-50 2...65-100	EPDM,VITON	15	I/P CONTROL ACTUATOR	1	
8	SEAT CARRIER O-RING	1	EPDM,VITON				

DIMENSIONS TABLE

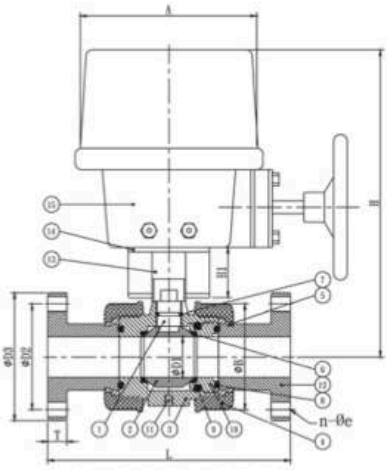
JIS — Unit: mm

Nominal Pipe Size	D1	D2	D3	d		e	n	P	L			H	H1	A	T	K	E	S	S1	Test press (kgf/cm²)	Working press (kgf/cm²)
				Socket	Thread				Socket	Thread	Flange										
15(1/2")	15	70	95	22	PT1/2"	15	4	22.2	115	115	152	203	42	106	15	31		3/16"-24G	4	22.5	15
20(3/4")	19	75	100	26	PT3/4"	15	4	25.4	126	126	165	206	42	106	15	37		1/4"-20G	4	22.5	15
25(1")	25	90	125	32	PT 1"	19	4	28.6	144	144	189	213	42	106	17	40		1/4"-20G	4	22.5	15
32(1-1/4")	38	100	135	38	PT1-1/4"	19	4	31.8	181	181	226	227	42	106	17	55		5/16"-18G	4	22.5	15
40(1-1/2")	38	105	140	48	PT1-1/2"	19	4	34.9	181	181	226	237	42	106	19	55		5/16"-18G	4	22.5	15
50(2")	48	120	155	60	PT 2"	19	4	38.1	202	202	252	349	60	190	21	68		5/16"-18G	4	22.5	15
65(2-1/2")	65	140	175	76	PT2-1/2"	19	4	44.5	227	227	281	359	60	190	21	80	41	5/16"-18G	8	15	10
80(3")	78	150	185	89	PT 3"	19	8	47.6	275	275	330	373	60	190	22	80	41	5/16"-18G	8	15	10
100(4")	102	175	210	114	PT 4"	19	8	57.2	321	321	387	388	76	230	22	121	50	5/16"-18G	8	15	10

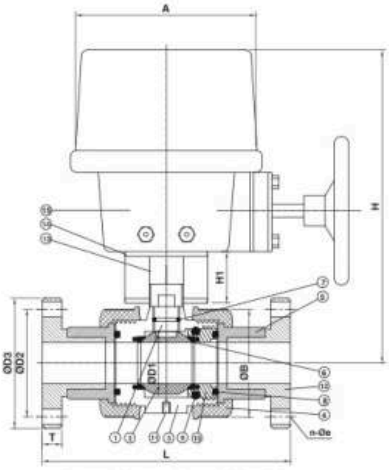
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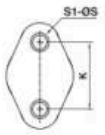
DN15~DN100 SOCKET & SCREW TYPE



DN15~DN50 FLANGE TYPE

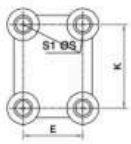


DN65~DN100 FLANGE TYPE



DN15~DN50

END VIEW



DN65~DN100

DIMENSIONS TABLE

ANSI Unit: inch

Nominal Pipe Size	D1	D2	D3	d		e	n	P	L			H	H1	A	T	K	E	S	S1	Test press (lb/in²)	Working press (lb/in²)
				Socket	Thread				Socket	Thread	Flange										
15(1/2")	0.59	2.375	3.500	0.848	NPT1/2"	0.625	4	0.875	4.528	4.528	6.024	7.99	1.65	4.17	0.59	1.22		3/16"-24G	4	353	235
20(3/4")	0.748	2.750	3.875	1.058	NPT3/4"	0.625	4	1.000	4.960	4.960	6.496	8.11	1.65	4.17	0.59	1.45		1/4"-20G	4	353	235
25(1")	0.98	3.125	4.250	1.325	NPT 1"	0.625	4	1.125	5.669	5.669	7.440	8.39	1.65	4.17	0.66	1.57		1/4"-20G	4	353	235
32(1-1/4")	1.496	3.500	4.625	1.670	NPT1-1/4"	0.625	4	1.250	7.126	7.126	8.898	8.94	1.65	4.17	0.66	2.16		5/16"-18G	4	353	235
40(1-1/2")	1.496	3.875	5.000	1.912	NPT1-1/2"	0.625	4	1.375	7.126	7.126	8.898	9.33	1.65	4.17	0.75	2.16		5/16"-18G	4	353	235
50(2")	1.89	4.750	6.000	2.387	NPT 2"	0.750	4	1.500	7.953	7.953	9.921	13.74	2.36	7.48	0.83	3.15		5/16"-18G	4	353	235
65(2-1/2")	2.56	5.500	7.000	2.889	NPT2-1/2"	0.750	4	1.750	8.937	8.937	11.063	14.13	2.36	7.48	0.83	3.15	1.61	5/16"-18G	8	225	150
80(3")	3.07	6.000	7.500	3.515	NPT 3"	0.750	4	1.875	10.826	10.826	12.992	14.68	2.36	7.48	0.866	3.29	1.61	5/16"-18G	8	225	150
100(4")	4.01	7.500	9.000	4.518	NPT 4"	0.750	8	2.250	12.638	12.638	15.236	15.28	2.99	9.06	0.866	4.76	1.97	5/16"-18G	8	225	150

DIN Unit: mm

Nominal Pb e Size	D1	D2	D3	d		e	n	P	L			H	H1	A	T	K	E	S	S1	Test press (bar)	Working press (bar)
				Socket	Thread				Socket	Thread	Flange										
15(1/2")	15	65	95	20	R1/2"	14	4	16.0	115	115	153	203	42	106	15	31		3/16"-24G	4	24	16
20(3/4")	19	75	105	25	R3/4"	14	4	18.5	126	126	165	203	42	106	15	37		1/4"-20G	4	24	16
25(1")	25	85	115	32	R 1"	14	4	22.0	144	144	189	218	42	106	17	40		1/4"-20G	4	24	16
32(1-1/4")	38	100	140	40	R1-1/4"	18	4	26.0	181	181	226	225	42	106	17	55		5/16"-18G	4	24	16
40(1-1/2")	38	110	150	50	R1-1/2"	18	4	31.0	181	181	226	230	42	106	19	55		5/16"-18G	4	24	16
50(2")	48	120	165	63	R 2"	18	4	37.5	202	202	252	343	60	190	20	68		5/16"-18G	4	24	16
65(2-1/2")	65	145	185	75	R2-1/2"	18	4	43.5	227	227	281	353	60	190	20	80	41	5/16"-18G	8	15	10
80(3")	78	160	200	90	R 3"	18	8	51.0	275	275	330	366	60	190	22	80	41	5/16"-18G	8	15	10
100(4")	102	180	220	110	R 4"	18	8	61.0	321	321	387	383	76	230	22	121	50	5/16"-18G	8	15	10

※ 本尺表以 PVC 材質為準，本表試壓值以 PVC、PVDF材質為基準，PP材質試壓值為本表試壓值之 70%.

※ 法蘭長度公差依據 EN558-1:1995 標準

※ The dimension table is calculated based on PVC material.
The valve of test pressure is calculated based on PVC PVDF materials.
The valve of test pressure for PP material is 70% based on the table.
The flanged length tolerance is according to EN558-1:1995.



PNEUMATIC ACTUATED BUTTERFLY VALVE (DOUBLE ACTION TYPE)



BM Series 雙式氣動蝶閥

BM300
Size: 2"- 24"

MATERIALS OF CONSTRUCTION

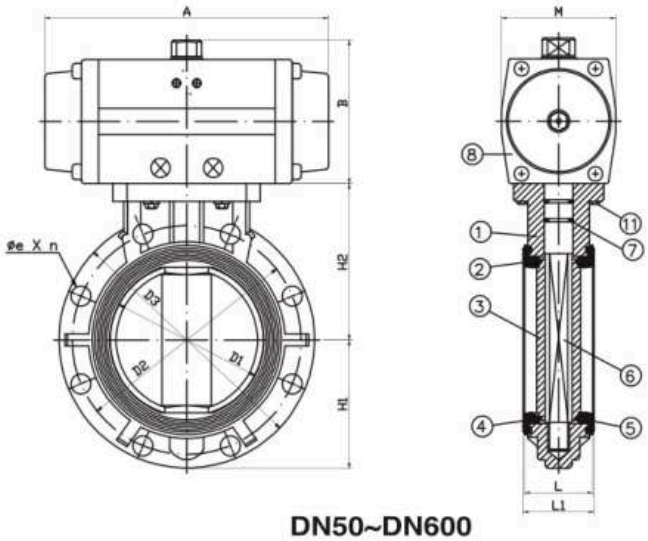
No.	Parts	Pcs.	Materials
1	Body	1	UPVC, PP, CPVC, PPG, PVDF
2	Seat	1	EPDM,VITON, NBR, HYPALON
3	Disc	1	UPVC, PP, CPVC, PPG, PVDF
4	Disc O'ring(A)	2	EPDM,VITON
5	Sidc O'ring(B)	2	EPDM,VITON
6	Stem	1	SUS410/304/316
7	Stem O'ring	2	EPDM,VITON
8	Control Actuator	1	
9	Mounting Bracket	1	SUS304
10	Coupling	1	ZINC,PLATED,CARBON STEEL

DIMENSIONS TABLE

JIS — Uint: mm

Nom-Sixe DN (inch)	D1	D2	D3	e	n No. of holes	L	L1	H1	H2	A	B	M	Test Press (kgf/cm²) Body	Test Press (kgf/cm²) Seat	Working Press (kgf/cm²)
50(2")	55	120	164	18	4	36.1	43.5	82	107	138	87	75	15.0	12.0	10.0
65(2-1/2")	69.6	140	185	18	4	40	46.4	92	115	155.5	103	75	15.0	12.0	10.0
80(3")	78	150	196	18	8	40	47.4	98	123	210	120	86	15.0	12.0	10.0
100(4")	100	175	225	18	8	48	52.4	112.5	139.5	210	120	86	15.0	12.0	10.0
125(5")	128	210	254	23	8	51.2	58.8	127	160	228	130	94	15.0	12.0	10.0
150(6")	152	240	286	23	8	51	57	143	178	280.5	145	120	15.0	12.0	10.0
200(8")	200	290	344	23	12	61	67.5	172	212	362	185	141	15.0	12.0	10.0
250(10")	255	350	412	23	12	102	108	206	242.7	362	185	176	15.0	12.0	10.0
300(12")	312	400	493	23	12	120	126	247	289	462	246	176	10.5	8.5	7.0
350(14")	355	445	540	23	16	123	129	270	305	462	246	220	10.5	8.5	7.0
400(16")	98	510	615	27	16	163	170	307.5	353	575	290	220	9.0	7.0	6.0
450(18")	451	565	640	27	20	175	182	325	365				7.5	6.0	5.0
500(20")	500	620	730	27	20	183	190	373	405				5.0	4.0	3.5
600(24")	600	730	844	33	24	205	218	435	460				5.0	4.0	3.5

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DN50~DN600

DIMENSIONS TABLE

ANSI — Uint: inch

Nom-Sixe DN (inch)	D1	D2	D3	e	n No. of holes	L	L1	H1	H2	A	B	M	Test Press (lb / in²) Body	Test Press (lb / in²) Seat	Working Press (lb/in²)
50(2")	2.16	4.75	6.46	0.75	4	1.42	1.71	3.23	4.21	5.433	3.425	2.953	225	180	150
65(2-1/2")	2.74	5.50	7.28	0.75	4	1.57	1.83	3.62	4.53	6.122	4.055	2.953	225	180	150
80(3")	3.07	6.00	7.72	0.75	4	1.57	1.83	3.86	4.84	8.268	4.724	3.386	225	180	150
100(4")	3.94	7.50	8.85	0.75	8	1.89	2.06	4.43	5.49	8.268	4.724	3.386	225	180	150
125(5")	5.04	8.50	10.0	0.87	8	2.02	2.31	5.00	6.30	8.976	5.118	3.70	225	180	150
150(6")	5.98	9.50	11.26	0.87	8	2.01	2.24	5.63	7.00	11.043	5.71	4.724	225	180	150
200(8")	7.87	11.75	13.54	0.87	8	2.40	2.66	6.77	8.35	14.25	7.283	5.55	225	180	150
250(10")	10.00	14.25	16.22	0.98	12	4.02	4.25	8.11	9.56	14.25	7.283	6.93	225	180	150
300(12")	12.28	17.00	19.41	0.98	12	4.72	4.96	9.72	11.38	18.19	9.685	6.93	155	125	105
350(14")	13.976	18.75	21.26	1.14	12	4.84	5.08	10.63	12.01	18.19	9.685	8.66	155	125	105
400(16")	15.69	21.25	24.21	1.14	16	6.42	6.69	12.11	13.90	22.64	11.42	8.66	133	100	89
450(18")	17.75	22.75	25.20	1.26	16	6.89	7.17	12.80	14.37				110	89	75
500(20")	19.70	25.00	28.74	1.26	20	7.20	7.48	14.69	15.94				75	60	52
600(24")	23.66	29.50	32.23	1.38	20	8.07	8.58	17.13	18.11				75	60	52

DIN — Uint: mm

Nom-Sixe DN (inch)	D1	D2	D3	e	n No. of holes	L	L1	H1	H2	A	B	M	Test Press (bar) Body	Test Press (bar) Seat	Working Press (bar)
50(2")	55	125	164	18	4	36.1	43.5	82	107	138	87	75	15.0	12.0	10.0
65(2-1/2")	69.6	145	185	18	4	40.0	46.4	92	115	155.5	103	75	15.0	12.0	10.0
80(3")	78	160	196	18	8	40.0	47.4	98	123	210	120	86	15.0	12.0	10.0
100(4")	100	180	225	18	8	48.0	52.4	112.5	139.5	210	120	86	15.0	12.0	10.0
125(5")	128	210	254	23	8	51.2	58.8	127	160	228	130	94	15.0	12.0	10.0
150(6")	152	240	286	23	8	51.0	57.0	143	178	280.5	145	120	15.0	12.0	10.0
200(8")	200	295	344	23	8	61.0	67.5	172	212	362	185	141	15.0	12.0	10.0
250(10")	255	350	412	23	12	102	108	206	242.7	362	185	176	15.0	12.0	10.0
300(12")	312	400	493	23	12	120	126	247	289	462	246	176	10.5	8.5	7.0
350(14")	355	460	540	23	16	123	129	270	305	462	246	220	10.5	8.5	7.0
400(16")	398	515	615	27	16	163	170	307.5	363	575	290	220	9.0	7.0	6.0
450(18")	451	565	640	27	20	175	182	325	365				7.5	6.0	5.0
500(20")	500	620	730	27	20	183	190	373	405				5.0	4.0	3.5
600(24")	600	725	844	30	20	205	218	435	460				5.0	4.0	3.5

※ 法蘭長度公差依據 EN558-1:1995 標準
※ L長度為安裝後建議參考值

※ Standard dimensions based on PVC material.
The flanged length tolerance is according to EN558-1:1995.
※ L : The suggested length of the valve as installed on pipeline.



PNEUMATIC ACTUATED BUTTERFLY VALVE (Spring Return Type)



BN Series 單式氣動蝶閥

BN300
Size: 2"- 24"

MATERIALS OF CONSTRUCTION

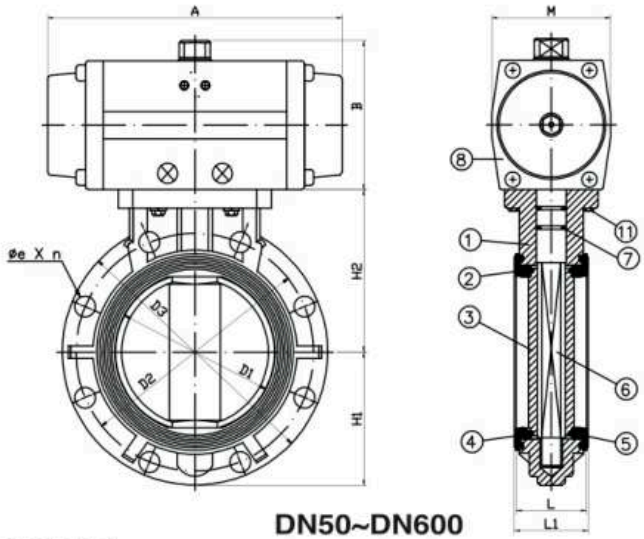
No.	Parts	Pcs.	Materials
1	Body	1	UPVC,PP,PVDF,PPG,CPVC
2	Seat	1	EPDM,VITON,NBR,HYPALON
3	Disc	1	UPVC,PP,PVDF,PPG,CPVC
4	Disc O'ring(A)	2	EPDM,VITON
5	Disc O'ring(B)	2	EPDM,VITON
6	Stem	1	SUS410/304/316
7	Stem O'ring	2	EPDM,VITON
8	Actuator	1	
9	Mounting Bracket	1	SUS304
10	Coupling	1	ZINC,PLATED,CARBON STEEL

DIMENSIONS TABLE

JIS — Uint: mm

Nom-Sixe DN (inch)	D1	D2	D3	e	n No. of holes	L	L1	H1	H2	A	B	M	Test Press (kgf/cm²) Body	Test Press (kgf/cm²) Seat	Working Press (kgf/cm²)
50(2")	55	120	164	18	4	36.1	43.5	82	107	138	87	75	15.0	12.0	10.0
65(2-1/2")	69.6	140	185	18	4	40.0	46.4	92	115	155.5	103	75	15.0	12.0	10.0
80(3")	78	150	196	18	8	40.0	47.4	98	123	210	120	86	15.0	12.0	10.0
100(4")	100	175	225	18	8	48.0	52.4	112.5	139.5	210	120	86	15.0	12.0	10.0
125(5")	128	210	254	23	8	51.2	58.8	127	160	228	130	94	15.0	12.0	10.0
150(6")	152	240	286	23	8	51	57	143	178	280.5	145	120	15.0	12.0	10.0
200(8")	200	290	344	23	12	61	67.5	172	212	362	185	141	15.0	12.0	10.0
250(10")	255	355	412	23	12	102	108	206	235	362	185	176	15.0	12.0	10.0
300(12")	312	400	463	23	12	112	120	247	242	462	246	176	10.5	8.5	7.0
350(14")	355	445	540	23	16	114	123	270	305	462	246	220	10.5	8.5	7.0
400(16")	398	510	615	27	16	152	163	307.5	353	575	290	220	9.0	7.0	6.0
450(18")	451	565	640	27	20	165	175	325	365				7.5	6.0	5.0
500(20")	500	620	730	27	20	175	183	373	405				5.0	4.0	3.5
600(24")	600	730	844	33	24	194	205	435	460				5.0	4.0	3.5

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DN50~DN600

DIMENSIONS TABLE

ANSI — Uint: inch

Nom-Sixe DN (inch)	D1	D2	D3	e	n No. of holes	L	L1	H1	H2	A	B	M	Test Press (lb / in²) Body	Test Press (lb / in²) Seat	Working Press (lb/in²)
50(2")	2.16	4.75	6.46	0.75	4	1.42	1.71	3.23	4.21	5.433	3.425	2.953	225	180	150
65(2-1/2")	2.74	5.50	7.28	0.75	4	1.57	1.83	3.62	4.53	6.122	4.055	2.953	225	180	150
80(3")	3.07	6.00	7.72	0.75	4	1.57	1.83	3.86	4.84	8.268	4.724	3.386	225	180	150
100(4")	3.94	7.50	8.85	0.75	8	1.89	2.06	4.43	5.49	8.268	4.724	3.386	225	180	150
125(5")	5.04	8.50	10.0	0.87	8	2.02	2.31	5.00	6.30	8.976	5.118	3.70	225	180	150
150(6")	5.98	9.50	11.26	0.87	8	2.01	2.24	5.63	7.00	11.043	5.71	4.724	225	180	150
200(8")	7.87	11.75	13.54	0.87	8	2.40	2.66	6.77	8.35	14.25	7.283	5.55	225	180	150
250(10")	10.00	14.25	16.22	0.98	12	4.02	4.25	8.11	9.56	14.25	7.283	6.93	225	180	150
300(12")	12.28	17.00	19.41	0.98	12	4.72	4.96	9.72	11.38	18.19	9.685	6.93	155	125	105
350(14")	13.976	18.75	21.26	1.14	12	4.84	5.08	10.63	12.01	18.19	9.685	8.66	155	125	105
400(16")	15.69	21.25	24.21	1.14	16	6.42	6.69	12.11	13.90	22.64	11.42	8.66	133	100	89
450(18")	17.75	22.75	25.20	1.26	16	6.89	7.17	12.80	14.37				110	89	75
500(20")	19.70	25.00	28.74	1.26	20	7.20	7.18	14.69	15.94				75	60	52
600(24")	23.66	29.50	32.23	1.38	20	8.07	8.58	17.13	18.11				75	60	52

DIN — Uint: mm

Nom-Sixe DN (inch)	D1	D2	D3	e	n No. of holes	L	L1	H1	H2	A	B	M	Test Press (bar) Body	Test Press (bar) Seat	Working Press (bar)
50(2")	55	125	164	18	4	36.1	43.5	82	107	138	87	75	15.0	12.0	10.0
65(2-1/2")	69.6	145	185	18	4	40.0	46.4	92	115	155.5	103	75	15.0	12.0	10.0
80(3")	78	160	196	18	8	40.0	47.4	98	123	210	120	86	15.0	12.0	10.0
100(4")	100	180	225	18	8	48.0	52.4	112.5	139.5	210	120	86	15.0	12.0	10.0
125(5")	128	210	254	23	8	51.2	58.8	127	160	228	130	94	15.0	12.0	10.0
150(6")	152	240	286	23	8	51.0	57.0	143	178	280.5	145	120	15.0	12.0	10.0
200(8")	200	295	344	23	8	61.0	67.5	172	212	362	185	141	15.0	12.0	10.0
250(10")	255	350	412	23	12	102	108	206	242.7	362	185	176	15.0	12.0	10.0
300(12")	312	400	493	23	12	120	126	247	289	462	246	176	10.5	8.5	7.0
350(14")	355	460	540	23	16	123	129	270	305	462	246	220	10.5	8.5	7.0
400(16")	398	515	615	27	16	163	170	307.5	363	575	290	220	9.0	7.0	6.0
450(18")	451	565	640	27	20	175	182	325	365				7.5	6.0	5.0
500(20")	500	620	730	27	20	183	190	373	405				5.0	4.0	3.5
600(24")	600	725	844	30	20	205	218	435	460				5.0	4.0	3.5

※ 法蘭長度公差依據 EN558-1:1995 標準
※ L長度為安裝後建議參考值

※ Standard dimensions based on PVC material.
The flanged length tolerance is according to EN558-1:1995.
※ L : The suggested length of the valve as installed on pipeline.



BUTTERFLY VALVE (ELECTRIC ACTUATED TYPE)



BP Series 旋轉凡而（電動式）

BP300
Size: 2"- 14"

產品特性：

1.馬力小，用電省，扭力大，控制角度到達自動切斷電源，保持在不用電的狀態，節約能源，降低成本。符合電壓 AC100V,200V 單向， AV200V,380V,440 ，三相，可供應。

2.蝴羽旋轉凡而，設計簡單、質輕、堅固適用於空間有限，維修其短之場合。旋轉90即全開、全關，適用於調節流量，易磨損或黏稠性之流體，及抗酸、耐 。

3.開吞速度平穩，能消除管內水槌，增加管件壽命。馬達裝有溫度保護開關凡而如有異物卡住，馬達亦不會燒毀。

4.機種多，可任選擇，有不附手動型或有附手動型，再停電時，可用手動操作開關。裝配附件少，只有一條電線即能完成自動控制，為你節省人力、物力、財力支出達到自動化目的。

Features of the Product:

1.Low horse power,low power consumption,big torsion power can be cut off automatically when control angle has been re-ached. It maintains at the condition of no power consumption to save energy and to reduce cost for conforming to AC110V,220V single phase, AV 220V,380V,440V,3 phasse power supply.

2.they areis mple,lightweight and compact,and are ideal for use where eitherspace is limited or service and maintenance must be performed quickly. Because they require only 90 to fully open or close. Shie Yu Butterfly Valves are easily automated and are widely used as efficient throttling or flow regulating valves. Additionally,they are excellent for handling abrasive or slurrt-type fluids. Of course. they are acid & alkali proof and anit-corrosion.

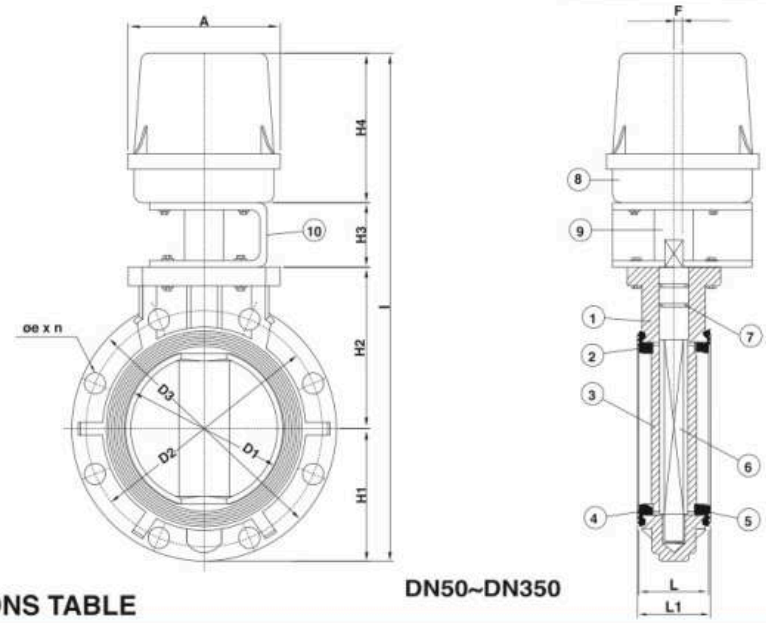
3.Starting speed is very stable and moisture in the pipeline can be discharged so that the service life of the pipe is increasing. The motor is equipped with temperature Protection switching valve to enable it not to be burnt out even seized with substance.

4.Various models are available for the choice of the customers.Manual control model and non-manual control model are also workable upon power outage,it can be switched manually. It is simple design with less fitting accessories,So. One electric wire can complete automatic control in order to save work manship,materials,and money for the customers to attain the goal for automation.

MATERIALS OF CONSTRUCTION

No.	Parts	Pcs.	Materials	No.	Parts	Pcs.	Materials
1	Body	1	UPVC,PP,PVDF, CPVC,PPG	6	Stem	1	SUS410/304/316
2	Seat	1	EPDM,VITON,NBR,HYPALON	7	Stem O'ring	2	EPDM,VITON
3	Disc	1	UPVC,PP,PVDF, CPVC,PPG	8	Electric Actuator	1	
4	Disc O'ring(A)	2	EPDM,VITON	9	Mounting Bracket	1	SUS304
5	Disc O'ring(B)	2	EPDM,VITON	10	Coupling	1	ZINC,PLATED, CARBON STEEL

Tel: 886-4-2626 6926 Fax: 886-4-2628 7169 E-mail: shvalve8@ms23.hinet.net http://www.shieyu-valve.com.tw



DN50~DN350

DIMENSIONS TABLE

JIS — Unit: mm

Nom. Size DN(inch)	D1	D2	D3	e	n No. of holes	L	L1	H1	H2	H3	H4	I	A	F	Test Press (kgf/cm²) Body	Test Press (kgf/cm²) Seat	Working Press (kgf/cm²)	Allowed Voltage (W/A)
50(2")	55	120	164	19	4	36.1	43.5	82	107	61	145	391	150	28	15.0	12.0	10.0	110/220
65(2-1/2")	69.6	140	185	19	4	40	46.4	92	115	61	145	408	150	28	15.0	12.0	10.0	110/220
80(3")	78	150	196	19	8	40	47.4	98	123	61	145	424	150	28	15.0	12.0	10.0	110/220
100(4")	100	175	225	19	8	48	52.4	112.5	139.5	61	145	455	150	28	15.0	12.0	10.0	110/220
125(5")	128	210	254	23	8	51.2	58.8	127	160	61	145	493	150	28	15.0	12.0	10.0	110/220
150(6")	152	240	286	23	8	51	57	143	178	71	200	593	190	23	15.0	12.0	10.0	110/220
200(8")	200	290	344	23	12	61	67.5	172	212	71	200	643	190	23	15.0	12.0	10.0	110/220
250(10")	255	350	412	25	12	102	108	206	242.7	71	200	706	190	23	15.0	12.0	10.0	110/220
300(12")	312	400	493	25	16	120	126	247	289	71	200	799	190	23	10.5	8.5	7.0	110/220
350(14")	355	460	540	25	16	123	129	270	305	71	200	835	190	23	10.5	8.5	7.0	110/220

ANSI — Unit: inch

Nom. Size DN(inch)	D1	D2	D3	e	n No. of holes	L	L1	H1	H2	H3	H4	I	A	F	Test Press (kgf/cm²) Body	Test Press (kgf/cm²) Seat	Working Press (lb/in²)	Allowed Voltage (W/A)
50(2")	2.16	4.75	6.46	0.75	4	1.42	1.71	3.23	4.21	2.36	5.71	15.39	5.91	1.10	225	180	150	110/220
65(2-1/2")	2.74	5.50	7.28	0.75	4	1.57	1.83	3.62	4.53	2.36	5.71	16.06	5.91	1.10	225	180	150	110/220
80(3")	3.07	6.00	7.72	0.75	4	1.57	1.87	3.86	4.84	2.36	5.71	16.69	5.91	1.10	225	180	150	110/220
100(4")	3.94	7.50	8.85	0.75	8	1.89	2.06	4.45	5.49	2.36	5.71	17.91	5.91	1.10	225	180	150	110/220
125(5")	5.04	8.50	10.00	0.87	8	2.02	2.31	5.00	6.30	2.36	5.71	19.41	5.91	1.10	225	180	150	110/220
150(6")	5.98	9.50	11.26	0.87	8	2.01	2.24	5.63	7.00	2.80	7.87	23.35	7.48	0.91	225	180	150	110/220
200(8")	7.87	11.75	13.54	0.87	8	2.40	2.66	6.67	8.35	2.80	7.87	35.31	7.48	0.91	225	180	150	110/220
250(10")	10.00	14.25	16.22	0.98	12	4.02	4.25	7.87	9.25	2.80	7.87	27.79	7.48	0.91	225	180	150	110/220
300(12")	12.28	17.00	19.41	0.98	12	4.72	4.96	9.41	11.38	2.80	7.87	31.46	7.48	0.91	155	125	105	110/220
350(14")	13.976	18.75	21.26	1.14	12	4.84	5.08	10.20	12.01	2.80	7.87	32.87	7.48	0.91	155	125	105	110/220

DIN — Unit: mm

Nom. Size DN(inch)	D1	D2	D3	e	n No. of holes	L	L1	H1	H2	H3	H4	I	A	F	Test Press (bar) Body	Test Press (bar) Seat	Working Press (bar)	Allowed Voltage (W/A)
50(2")	55	125	164	18	4	36.1	43.5	82	107	61	145	391	150	28	15.0	12.0	10.0	110/220
65(2-1/2")	69.6	145	185	18	4	40.0	46.4	92	115	61	145	408	150	28	15.0	12.0	10.0	110/220
80(3")	78	160	196	18	8	40.0	47.4	98	123	61	145	424	150	28	15.0	12.0	10.0	110/220
100(4")	100	180	225	18	8	48.0	52.4	112.5	139.5	61	145	455	150	28	15.0	12.0	10.0	110/220
125(5")	128	210	254	18	8	51.2	58.8	127	160	61	145	493	150	28	15.0	12.0	10.0	110/220
150(6")	152	240	286	23	8	51	57.0	143	178	71	200	593	190	23	15.0	12.0	10.0	110/220
200(8")	200	295	344	23	8	61	67.5	172	212	71	200	643	190	23	15.0	12.0	10.0	110/220
250(10")	255	350	412	23	12	102	108	206	242.7	71	200	706	190	23	15.0	12.0	10.0	110/220
300(12")	312	400	493	23	12	120	126	247	289	71	200	799	190	23	10.5	8.5	7.0	110/220
350(14")	355	460	540	23	16	123	129	270	305	71	200	835	190	23	10.5	8.5	7.0	110/220

※ 法蘭長度公差依據 EN558-1:1995 標準
※ L長度為安裝後建議參考值

※ Standard dimensions based on PVC material.
The flanged length tolerance is according to EN558-1:1995.
※ L : The suggested length of the valve as installed on pipeline.

Other Products
其他產品 系列

- Material: UPVC, PP, PPG, CPVC, PVDF
- Size: 1/2"~10"

- 材質：UPVC, PP, PPG, CPVC, PVDF
- 尺寸：1/2"~10"



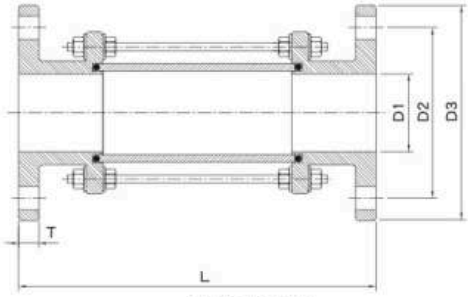


INSPECTION GLASS



EI Series 液面計

EI300
Size: 1/2"- 10"



DN15~DN250

Materials	UPVC , PP , CPVC , PPG , PVDF
SIZE	1/2", 3/4" , 1" , 1-1/4" , 1-1/2" , 2" , 2-1/2" , 3" , 4" , 5" , 6" , 8" , 10"
END CONNECTIONS	Flange ends in JIS 10K DIN ; ANSI;BS STANDARD
WORKING TEMP	UPVC: 0˚~60˚C , PP:-20˚C~90˚C , PPG: -20˚C~100˚C , PVDF:-40˚C~120˚C
FEATURES	Can be mounted horizontaly or vertically internal device induces visible turbulence with minimum flow retriction

DIMENSIONS TABLE

Nom Size m/m(inch)	D1	D2				D3				L	Test Press		Working Press	
		JIS	DIN	ANSI	BS	JIS	DIN	ANSI	BS		kgf/cm² (bar)	lb/in²	kgf/cm² (bar)	lb/in²
15(1/2")	16	70	65	2.38	2.62	95	95	3.50	3.75	176	10	150	7	105
20(3/4")	20	75	75	2.76	2.88	100	105	3.86	4.00	174	10	150	7	105
25(1")	25	90	85	3.13	3.25	125	115	4.25	4.50	222	10	150	7	105
32(1-1/4")	30	100	100	3.50	3.43	135	140	4.61	4.75	222	10	150	7	105
40(1-1/2")	40	105	110	3.88	3.88	140	150	5.00	5.25	224	10	150	7	105
50(2")	50	120	125	4.74	4.50	155	165	6.47	6.00	218	10	150	7	105
65(2-1/2")	65	140	145	5.89	5.00	175	185	7.00	6.50	240	10	150	7	105
80(3")	80	150	160	6.00	5.75	185	200	7.52	7.25	238	10	150	7	105
100(4")	100	175	180	7.50	7.00	210	220	9.02	8.50	274	10	150	7	105
125(5")	125	210	210	8.50	8.25	250	250	10.00	10.00	375	5	75	3	45
150(6")	150	240	240	9.51	9.25	280	285	10.98	11.00	386	5	75	3	45
200(8")	200	290	295	11.75	11.50	330	340	13.50	13.25	420	5	75	3	45
250(10")	250	355	350	14.25	14.00	400	395	15.98	16.00	445	5	75	3	45

※ 本尺表以 PVC 材質為準，本表試壓值以 PVC、PVDF材質為基準，PP材質試壓值為本表試壓值之 70%.
※ 法蘭長度公差依據 EN558-1:1995 標準

※ The dimension table is calculated based on PVC material.
The valve of test pressure is calculated based on PVC PVDF materials.
The valve of test pressure for PP material is 70% based on the table.
The flanged length tolerance is according to EN558-1:1995.

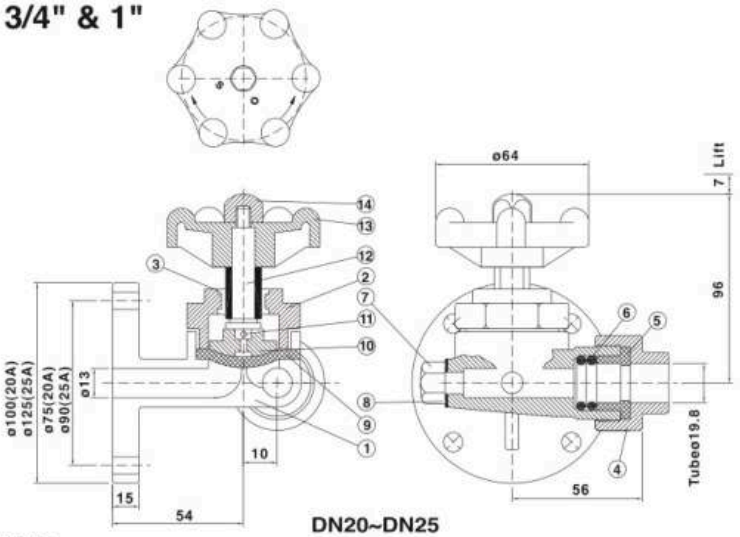
Tel: 886-4-2626 6926 Fax: 886-4-2626 7189 E-mail: shvalve8@ms23.hinet.net http://www.shieyu-valve.com.tw

GAUGE VALVE



EG Series 水位計凡而

EG300
Size: 3/4" & 1"



DN20~DN25

MATERIALS OF CONSTRUCTION

No.	Parts	Pcs.	Materials	No.	Parts	Pcs.	Materials
1	Body	1	UPVC,PP,PPG,PVDF	8	Leaking Hole O'ring	1	EPDM,VITON
2	Bonnet	1	UPVC,PP,PPG,PVDF	9	Diaphragm	1	EPDM,VITON,PTFE
3	Inserted Metal Of Bonnet	1	BRASS	10	Compressor	1	BRASS
4	Tube Holder	1	UPVC,PP,PPG,PVDF	11	Set Pin	2	SUS304
5	O'ring Holder	1	UPVC,PP,PPG,PVDF	12	Stem	1	BRASS
6	Tube O'ring	2	EPDM,VITON	13	Handle	1	ABS
7	Leaking Hole Holder	1	UPVC,PP, PVDF	14	Handle Holder	1	UPVC

Flange Size	Nominal Size	Outer diameter of tube
20A-3/4"	14 m/m	20 m/m
25A-1"	14 m/m	20 m/m

※Standard dimensimns based on PVC material

Flange

法蘭 系列

- Material: UPVC, PP, CPVC, PVDF
- Size: 1/2"~24"

- 材質：UPVC, PP, CPVC, PVDF
- 尺寸：1/2"~24"



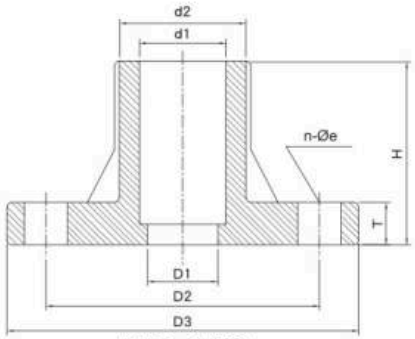


TS FLANGE
ONE PIECE FLANGE



TS Series　TS 法蘭　UPVC&CPVC

FT100
Size: 1/2"- 12"
UPVC , CPVC , PP
TS-FLANGE



DN15~DN300

DIMENSIONS TABLE

Size DN-mm	d1		d2		D1		D2		D3		H		T		n		øe	
	ANSI	JIS	ANSI	JIS	ANSI	JIS	ANSI	JIS	ANSI	JIS	ANSI	JIS	ANSI	JIS	ANSI	JIS	ANSI	JIS
15-1/2"	21.64	22.4	29	31	18	17	60.33	70	88.9	95	48	36	12	15	4	4	15.88	15
20-3/4"	26.97	26.45	33	35	22	21	69.85	75	98.43	100	49	43	14	15	4	4	15.88	15
* 25-1"	33.78	32.55	40	42	28	25	79.38	90	107.95	125	50	46	14	15	4	4	15.88	19
25-1"	33.78	34.55	40	42	28	28	79.38	90	107.95	125	50	46	14	15	4	4	15.88	19
* 32-1 1/4"	42.55	38.6	51	48	35	31	88.9	100	117.5	135	54	50	16	16	4	4	15.88	19
32-1 1/4"	-	42.6	-	48	-	35	-	100	-	135	-	50	-	16	4	4	-	19
40-1-1/2"	48.72	48.7	61	62	41	41	98.43	105	127	140	65	60	16	16	4	4	15.88	19
50-2"	60.78	60.8	78	73	52	51	120.65	120	152.4	155	69	69	16	20	4	4	19.05	19
65-2-1/2"	73.56	76.6	92	88	67	66	139.7	140	177.8	175	82	69	18	20	4	4	19.05	19
80-3"	89.51	89.6	103	102	78	78	152.4	150	190.5	185	81	69	18	20	4	8	19.05	19
100-4"	114.99	114.7	132	133	100	100	190.5	175	228.6	210	92	90	18	23	8	8	19.05	19
125-5"	142.06	140.85	162	159	125	126	216	210	254	250	130	112	20	23	8	8	22.23	23
150-6"	169.09	166.0	192	186	150	146	241	240	279	280	165	141	20	27	8	8	22.23	23
200-8"	219.07	218.0	238	238	194	194	298	290	343	330	166	166	29	31	8	12	22.23	23
250-10"	273.81	268.0	—	290	—	247	362	355	406	400	—	200	33	33	12	12	25	25
300-12"	324.61	319.0	—	342	—	298	432	400	483	445	—	203	35	35	12	16	25	25

* d1 符合日本JIS管用

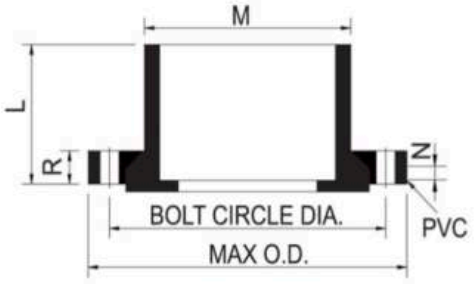
Tel: 886-4-2626 6926 Fax: 886-4-2628 7189 E-mail: shvalve8@ms23.hinet.net http://www.shieyu-valve.com.tw

VAN STONE FLANGE



VS Series 二片式法蘭 UPVC&CPVC

VS100
Size: 1/2"- 24"
UPVC & CPVC
VAN STONE FLANGE



DN15~DN600

DIMENSIONS TABLE

Unit:inch

Size	MAX. O.D	L	M	N	R	Bolt Circle Dia.	No.of Bolt Holes	Bolt Size	Min. Bolt Length	UPVC code no.	CPVC code no.
1/2	3 -1/2	1 -1/32	1-3/16	7/32	1/2	2 -3/8	4	1/2	2	11-FT5-08-0015	41-FT5-08-0015
3/4	3-27/32	1 -1/8	1-15/32	5/16	9/16	2-25/32	4	1/2	2	11-FT5-08-0020	41-FT5-08-0020
1	4 -7/32	1 -1/4	1-23/32	5/16	9/16	3 -1/8	4	1/2	2-1/4	11-FT5-08-0025	41-FT5-08-0025
1-1/4	4 -9/16	1 -5/16	2 -1/8	9/32	9/16	3 -1/2	4	1/2	2-1/4	11-FT5-08-0032	41-FT5-08-0032
1-1/2	4-15/16	1-15/32	2 -3/8	7/16	23/32	3-29/32	4	1/2	2-1/2	11-FT5-08-0040	41-FT5-08-0040
2	5-15/16	1-19/32	2-29/32	15/32	25/32	4-23/32	4	5/8	3	11-FT5-08-0050	41-FT5-08-0050
2-1/2	6-15/16	1-29/32	3-9/16	9/16	15/16	5-15/32	4	5/8	3-1/4	11-FT5-08-0065	41-FT5-08-0065
3	7-15/32	2-7/32	4-9/32	5/8	1-1/16	5-31/32	8	5/8	3-1/4	11-FT5-08-0080	41-FT5-08-0080
4	8-29/32	2-1/16	5 -1/4	5/8	1-3/32	7-13/32	8	5/8	3-1/2	11-FT5-08-0100	41-FT5-08-0100
5	10 -1/8	2-13/16	6-11/32	19/32	1-1/8	8 -1/2	8	3/4	3-3/4	11-FT5-08-0125	41-FT5-08-0125
6	11-7/32	3 -1/4	7-9/16	19/32	1-3/8	9-17/32	8	3/4	4	11-FT5-08-0150	41-FT5-08-0150
8	13-11/16	4 -3/8	9-17/32	21/32	1-5/32	11-21/32	8	3/4	4-1/2	11-FT5-08-0200	41-FT5-08-0200
10	15-15/16	5-9/16	11-23/32	3/4	1-11/16	14-9/32	12	7/8	5	11-FT5-08-0250	41-FT5-08-0250
12	19-3/32	7 -1/4	13-3/4	23/32	1-11/16	16-15/16	12	7/8	5	11-FT5-08-0300	41-FT5-08-0300
14	21-1/16	7 -1/2	15-1/2	29/32	2	18-13/16	12	1	5-1/2	11-FT5-08-0350	41-FT5-08-0350
16	23-1/2	8 -1/2	17-23/32	31/32	2-3/8	21-5/16	16	1	6-1/2	11-FT5-08-0400	41-FT5-08-0400
18	25-1/16	10-29/32	19-31/32	1-15/16	2-3/8	22-25/32	16	1-1/4	6-1/2	11-FT5-08-0450	41-FT5-08-0450
20	27-7/32	10-11/32	22-9/32	1-3/32	2-13/32	25	20	1-1/4	7-7/16	11-FT5-08-0500	41-FT5-08-0500
24	32-3/32	11-7/16	26-7/16	31/32	2-27-32	29-1/2	20	1-3/8	8-5/16	11-FT5-08-0600	41-FT5-08-0600

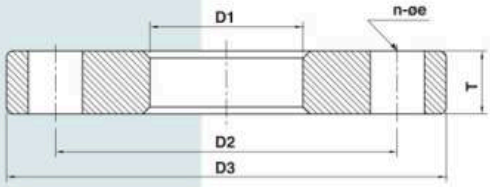


WELDING FLANGE
BLIND FLANGE

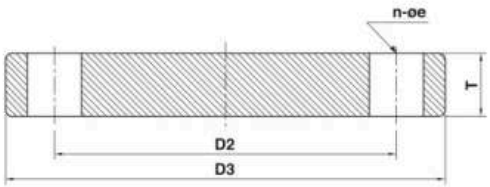


FW Series 焊接法蘭　盲法蘭

FW100 (WELDING FLANGE) / FB100 (BLIND FLANGE)
Size: 1/2"- 24"
UPVC,PP, CPVC, PVDF



DN15~DN600
WELDING FLANGE



DN15~DN600
BLIND FLANGE

DIMENSIONS TABLE

Non Size	D1			D2			D3			T(厚度)	e			n		
m/m(inch)	JIS	ANSI	DIN	JIS	ANSI	DIN	JIS	ANSI	DIN		JIS	ANSI	DIN	JIS	ANSI	DIN
15(1/2")	22±1	22±0.4	20±1	70±0.5	60±0.5	65	95±1	89±1	95	16.0±1	15	16	14	4	4	4
20(3/4")	26±1	26±0.4	25±1	75±0.5	70±0.5	75	100±1	98±1	105	17.0±1	15	16	14	4	4	4
25(1")	32±1	34±0.4	32±1	90±0.5	79±0.5	85	125±1	108±1	115	18.0±1	19	16	14	4	4	4
32(1-1/4")	38±1	42±0.4	40±1	100±0.5	89±0.5	100	135±1	117±1	140	19.0±1	19	16	18	4	4	4
40(1-1/2")	48±1	48±0.4	50±1	105±0.5	98±0.5	110	140±1	127±1	150	19.0±1	19	16	18	4	4	4
50(2")	60±1	60±0.6	63±2	120±1.5	121±1.5	125	155±1	152±1	165	22.0±1	19	19	18	4	4	4
65(2-1/2")	76±1	76±0.6	75±2	140±1	140±1	145	175±1.5	178±1.5	185	20.0±1	19	19	18	4	4	4
80(3")	89±1	89±0.6	90±1	150±1	152±1	160	185±1.5	191±1.5	200	24.0±1	19	19	18	8	4	8
100(4")	114±1	114±0.6	110±1	175±1	191±1	180	210±1.5	229±1.5	220	24.0±1	19	19	18	8	8	8
125(5")	140±1.5	140±0.8	140±1.5	210±1.25	216±1.25	210	250±1.5	254±1.5	250	23.0±1	23	22	18	8	8	8
150(6")	165±1.5	165±1	160±1.5	240±1.25	241±1.25	240	280±1.5	279±1.5	285	23.0±1	23	22	23	8	8	8
200(8")	216±1.5	216±2	200±1.5	290±1.25	298±1.25	295	330±1.5	343±1.5	340	24.0±1	23	22	23	12	8	8
250(10")	267±1.5	267±3	250±1.5	355±1.25	362±1.25	350	400±2	406±2	395	30.0±2	25	25	23	12	12	12
300(12")	318±2	318±3	315±2	400±1.25	432±1.25	400	445±2	483±2	445	31.0±2	25	25	26	16	12	12
350(14")	370±2	370±3	355±2	445±1.25	476±1.25	460	490±2	533±2	505	31.0±2	25	29	26	16	12	16
400(16")	420±2	420±3.5	400±2	510±1.25	540±1.5	515	560±2	597±2	565	32.0±2	27	29	26	16	16	16
450(18")	470±2	470±3.5	450±2	565±1.5	578±1.5	565	620±2	635±2	620	36.0±2	27	32	28	20	16	20
500(20")	520±2	520±3.5	500±2	620±1.5	635±1.5	620	675±2	699±2	670	36.0±2	27	32	28	20	20	20
600(24")	630±2	630±3.5	630±2	730±1.5	749±1.5	725	795±2	813±2	780	28.0±2	33	35	28	24	20	20

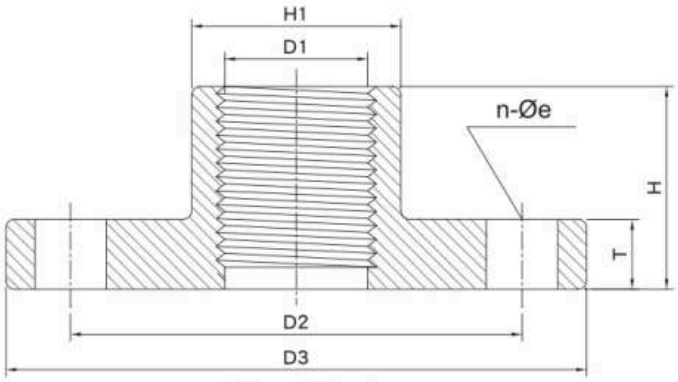
Tel: 886-4-2626 6926 Fax: 886-4-2626 7169 E-mail: shvalve8@ms23.hinet.net http://www.shieyu-valve.com.tw

SCREW FLANGE



FS Series 牙口法蘭

FS200
Size: 1/2"- 4"
UPVC,PP, CPVC, PVDF



DN15~DN100

DIMENSIONS TABLE

Non Size	D1			D2			D3			T	H	H1	e			n		
m/m(inch)	JIS	ANSI	DIN	JIS	ANSI	DIN	JIS	ANSI	DIN				JIS	ANSI	DIN	JIS	ANSI	DIN
15(1/2")	PT-1/2"	NPT	R1/2"	70±0.5	60±0.5	65	95±1	89±1	95	12±1	19	35	15	16	14	4	4	4
20(3/4")	PT3/4"	NPT	R3/4"	75±0.5	70±0.5	75	100±1	98±1	105	14±1	22	44	15	16	14	4	4	4
25(1")	PT1"	NPT	R1"	90±0.5	79±0.5	85	125±1	108±1	115	14±1	22	52	19	16	14	4	4	4
32(1-1/4")	PT1-1/4"	NPT	R1-1/4"	100±0.5	89±0.5	100	135±1	117±1	140	14±1	23	56	19	16	18	4	4	4
40(1-1/2")	PT1-1/2"	NPT	R1-1/2"	105±0.5	98±0.5	110	140±1	127±1	150	16±1	23	66	19	16	18	4	4	4
50(2")	PT2"	NPT	R2"	120±0.5	121±0.5	125	155±1	152±1	165	16±1	26	84	19	19	18	4	4	4
65(2-1/2")	PT2-1/2"	NPT	R2-1/2"	140±1	140±1	145	175±1.5	178±1.5	185	16±1	28	105	19	19	18	4	4	4
80(3")	PT3"	NPT	R3"	150±1	152±1	160	185±1.5	191±1.5	200	18±1	30	118	19	19	18	8	4	8
100(4")	PT4"	NPT	R4"	170±1	191±1	180	210±1.5	229±1.5	220	18±1	33	140	19	19	18	8	8	8

Gasket

緊迫 系列

Hi -Tech'S, Hi-Qualitly'S

- Material: EPDM, PTFE, VITON
- Size: 1/2"~24"
- 材質：EPDM, PTFE, VITON
- 尺寸：1/2"~24"





GASKET



FG Series 迫緊

FG100
Size: 1/2"- 24"

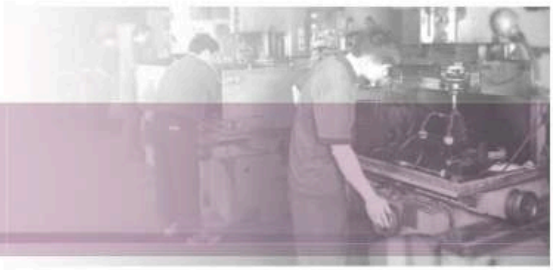
MATERIALS: EPDM, PTFE, VITON

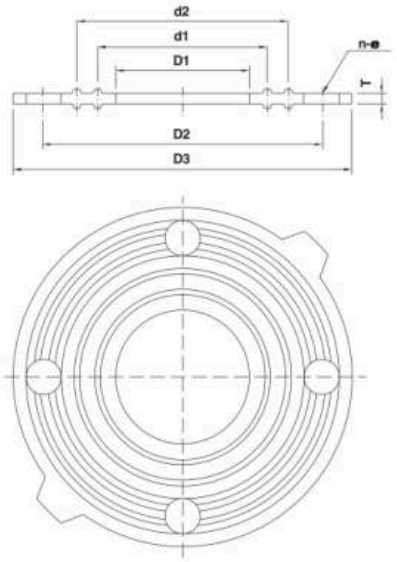
JIS

Unit:mm

Nom Size m/m(inch)	D1	D2	D3	d1	d2	n	e	T	Nom Size m/m(inch)	D1	D2	D3	d1	d2	n	e	T
15(1/2")	18	70	93	26	41	4	15	3	150(6")	150	240	278	168	190	8	23	3
20(3/4")	22	75	98	32	47	4	15	3	200(8")	198	290	328	216	248	12	23	3
25(1")	28	90	123	38	53	4	19	3	250(10")	250	355	398	270	306	12	25	3
32(1-1/4")	37	100	133	50	65	4	19	3	300(12")	300	400	443	324	356	16	25	3
40(1-1/2")	41	105	138	54	69	4	19	3	350(14")	350	445	488	368	390	16	25	3
50(2")	54	120	153	68	83	4	19	3	400(16")	404	510	558	433	455	16	27	3
65(2-1/2")	69	140	173	86	101	4	19	3	450(18")	470	565	620	485	508	20	27	3
80(3")	80	150	183	98	113	8	19	3	500(20")	520	620	675	550	575	20	27	3
100(4")	102	175	208	120	138	8	19	3	600(24")	630	730	795	650	675	24	33	3
125(5")	127	210	248	145	168	8	23	3									

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MATERIALS: EPDM, PTFE, VITON

ANSI Unit:inch

Nom Size m/m(inch)	D1	D2	D3	d1	d2	n	e	T	Nom Size m/m(inch)	D1	D2	D3	d1	d2	n	e	T
15(1/2")	18	60.33	86.90	25	37	4	15.8	3	150(6")	152	241.30	277.40	172	198	8	22.2	3
20(3/4")	22	69.85	96.43	31	43	4	15.8	3	200(8")	204	298.45	340.90	225	255	8	22.2	3
25(1")	30	79.38	105.95	40	53	4	15.8	3	250(10")	254	361.95	404.40	275	305	12	25.4	3
32(1-1/4")	40	88.90	117.48	52	65	4	15.8	3	300(12")	304	431.80	480.60	325	355	12	25.4	3
40(1-1/2")	43	98.43	125.00	55	70	4	15.8	3	350(14")	354	476.25	531.40	375	405	12	28.5	3
50(2")	54	120.65	150.40	70	84	4	19	3	400(16")	404	539.75	594.90	425	455	16	28.5	3
65(2-1/2")	69	139.70	175.80	86	102	4	19	3	450(18")	470	575.00	635.00	500	525	16	32	3
80(3")	82	152.40	188.50	100	114	4	19	3	500(20")	520	635.00	699.00	550	575	20	32	3
100(4")	102	190.50	226.60	126	147	8	19	3	600(24")	630	749.00	813.00	650	680	20	35	3
125(5")	127	215.90	252.00	149	171	8	22.2	3									

DIN Unit:mm

Nom Size m/m(inch)	D1	D2	D3	d1	d2	n	e	T	Nom Size m/m(inch)	D1	D2	D3	d1	d2	n	e	T
15(1/2")	18	65	93	26	41	4	14	3	150(6")	150	240	283	168	190	8	23	3
20(3/4")	22	75	103	32	47	4	14	3	200(8")	198	295	338	216	247	8	23	3
25(1")	30	85	113	38	53	4	14	3	250(10")	250	350	393	270	306	12	23	3
32(1-1/4")	40	100	133	50	65	4	18	3	300(12")	300	400	443	324	335	12	23	3
40(1-1/2")	43	110	148	54	69	4	18	3	350(14")	350	460	503	370	390	16	25	3
50(2")	54	125	163	68	83	4	18	3	400(16")	404	515	556	433	453	16	27	3
65(2-1/2")	69	145	183	86	101	4	18	3	450(18")	450	565	620	481	506	20	28	3
80(3")	80	160	198	98	112	8	18	3	500(20")	500	620	670	533	559	20	28	3
100(4")	102	175	218	120	138	8	18	3	600(24")	630	725	780	651	676	20	28	3
125(5")	127	210	248	145	166	8	18	3									

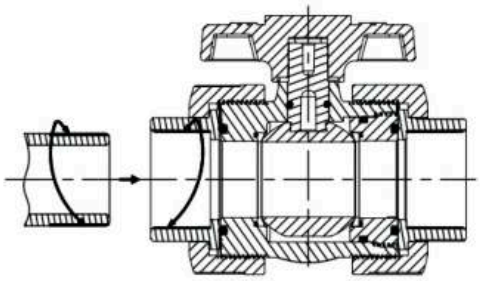
UPVC. CPVC 插管 膠合劑黏合作業
UPVC. CPVC Solvent Cementing Process

熱塑料管及接頭的膠合劑黏合連接為塑膠管安裝的最後重要的連結。整體而言，它可表示系統是成功或失敗。因此，如其他的系統元件一樣也需有專業的管理及注意。有許多出版的文件上說明了如何製作膠合劑黏合接頭，及其逐步程序的黏合技巧。但我們認為若對於相關的原理加以解釋、說明並讓人了解，將對於符合特定應用、溫度狀況及管與接頭尺寸及安裝的變化等所需的技巧會有更多的了解。

應隨時注意良好的安全措施。管及接頭使用的膠合劑為易燃物，因此在工作場所或儲存區域不可抽煙或放置其他熱源或產生火花。僅可在通風良好的空間內工作，並避免皮膚與各種溶劑的接觸。

為持續製作良好的接合，應詳細了解以下各點：

1. 連接面必須軟化且使其成為半流體狀。
2. 應使用充足的膠合劑填入管與接頭之間的縫隙，但不可過多膠合劑殘留到球體上。
3. 當表面仍未乾且為流體狀時進行管與接頭的組裝。
4. 當膠合劑變乾後會展現出接頭的強度。在接頭緊密的部分，接觸面有融接的傾向，而在鬆的部分膠合劑會將表面膠黏一起。



軟化及穿透

此區域必須軟化且可穿透。可使用膠合劑本身，及使用適當的清潔劑，或使用清潔劑與膠合劑兩者達到此結果。適當的清潔劑通常比單獨膠合劑可更快穿透並軟化接觸面。

塗抹充足的膠合劑

在接頭鬆的間隙部分應填入足量的膠合劑。除填入間隙外，充足的膠合劑層將穿透接合面並在裝上接頭前仍保持流體狀，必須在表面仍未乾且軟時進行組裝完成。

當溶劑蒸發後，膠合劑層及軟化的表面將開始硬化，且逐漸增加接頭的強度。良好的接合必須遠在接頭完全乾燥且達到最終強度之前，加上一定的工作壓力。

在接頭的緊密（融接）部分，強度的進展比在接頭鬆（膠黏）的部分更快速。可索取膠合劑黏合接頭膠黏強度進展的相關資訊。

平均固化時間

相對溼度 60%或以下*	管尺寸 1/2"－1-1/4"		管尺寸 1-1/2"－2"		管尺寸 2-1/2"－8"		管尺寸 10"－15"	管尺寸 16"－24"
組裝及固化時間時的溫度範圍	達160psi	160－370psi	達160psi	160－370psi	達160psi	160－315psi	達100psi	達100psi
60°－100°F	15分鐘	6小時	30分鐘	12小時	1-1/2小時	24小時	48小時	72小時
40°－60°F	20分鐘	12小時	45分鐘	24小時	4小時	48小時	96小時	6日
0°－40°F	30分鐘	48小時	1小時	96小時	72小時	8日	8日	14日

! **註** 在潮濕或溼 度大的天氣時可容許增加50%的固化時間。以上所示的時間僅為一種好意且建議僅供參考。此為根據實驗室的測試資料，不可視為所有膠合劑製造商的建議。應遵守所使用的特定膠合劑之個別膠合劑製造商的建議。以上的固化時間係依據Net Fit 接頭的實驗室測試資料（NET FIT＝在乾接合時，管底在接頭管套內適度接合但未接觸到止動處）。更多資訊請洽膠合劑製造商。重要！安裝人員確認在各種變動情況下可製作合格的接合，並且應接受安裝及安全注意事項的訓練。

⚠ 警告：1. 本產品禁止使用壓縮的空氣或瓦斯在塑膠的管配件上。
2. 禁止使用壓縮的氣體或瓦斯測試塑膠管路系統。

法蘭安裝連接
Flanged Connections

法蘭接合可用於需經常拆卸的應用上。在內插套管、外插套管及各種不同款式的螺紋組態上提供有UPVC及CPVC法蘭，包括單片式法蘭及兩片式Van Stone式法蘭，此處螺栓環可在套殼內自由旋轉，使得組裝時容易對準螺栓孔。大多數的塑膠法蘭都可承受最大150 psi 於73°F 水中的工作壓力額定值。應注意選擇適當的墊圈材料，以確定其與輸送液體可相容。

法蘭螺栓應有足夠的緊度可稍微壓住墊圈，造成良好的密封，但不可太緊以避免法蘭變形。在螺栓頭與螺帽間應使用適當的墊片。應以對角線上的螺栓交替順序安裝。應遵照法蘭製造商組件指示，建議的螺栓扭力值，以及螺栓上緊的順序。

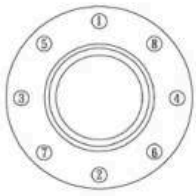
塑膠法蘭建議的法蘭螺栓扭力

法蘭尺寸（英吋）	螺栓孔數	螺栓直徑（英吋）	螺栓的最短長度（英吋）	扭力 ft-lb PSI
1/2	4	1/2	2	10-15
3/4	4	1/2	2	10-15
1	4	1/2	2-1/4	10-15
1-1/4	4	1/2	2-1/4	10-15
1-1/2	4	1/2	2-1/2	20-30
2	4	5/8	3	20-30
2-1/2	4	5/8	3-1/4	20-30
3	4	5/8	3-1/4	20-30
4	8	5/8	3-1/2	20-30
6	8	3/4	4	30-50
8	8	3/4	4-1/2	30-50
10	12	7/8	5	50-80
12	12	7/8	5	80-100
14	12	1	5-1/2	100-120
16	16	1	6-1/2	100-120
18	16	1-1/8	4-1/8	100-120
20	20	1-1/8	5-1/2	100-120
24	20	1-1/4	5-1/2	100-120

螺栓扭力

建議的螺栓扭力如上所示。螺紋應保持乾淨且有良好的潤滑。實際的現場情況可能需改變這些建議值。

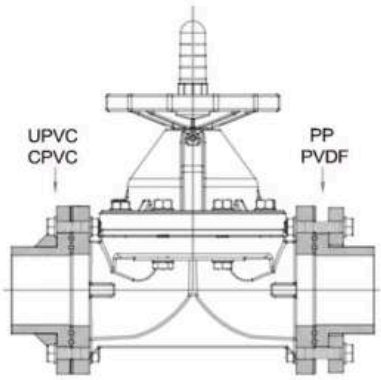
法蘭螺栓上緊順序



▲ 注意 沒有必要的過度上緊將會破壞法蘭。

墊圈

1.使用有凸緣迫緊
2.禁止使用橡膠,鐵氟龍,平面迫緊



▲注意 當閥與"突出面"全面法蘭接合或與夾式法蘭連接時,應注意避免鎖力超出造成法蘭「彎曲變形」而漏水。

法蘭補充

應遵照法蘭與管接合時適當的膠合劑黏合及／或螺紋管件的程序。當法蘭與管接合後，接合兩個法蘭的方法如下：

A. 與法蘭接合的管線必須在直線位置上對準法蘭安裝，以避免因未對準而在法蘭上產生壓力。管線必須固定及支撐，以避免橫向移動而產生壓力造成法蘭損壞。
B. 墊圈放入定位後，轉動環至定位以對準接合法蘭的螺栓孔。
C. 插入所有螺栓、墊片（每個螺栓兩個標準的平墊片）及螺帽。
D. 確定接合面的表面在使用螺栓固定法蘭之前與墊圈齊平。
E. 先用手上緊螺帽，並根據標示的螺帽上緊順序圖（以180度對面方向順序上緊），以5ft - lb 扭力增量上緊螺栓，使得法蘭面上可建立均勻的壓力。
F. 當法蘭與「突出面」法蘭接合或與夾式 (wafer-style) 閥連接時，應注意避免「彎曲」法蘭。請勿使用螺栓將不當接合的法蘭固定。

指定的螺栓最小長度係根據公司製造的兩個法蘭、兩個標準平墊片、標準螺帽及1/8"厚度整面有凸緣墊圈的使用。與其他廠牌的法蘭或配件可能需改變此長度。法蘭供應時並不隨附螺栓及墊圈。實際的現場狀況可能需改變這些建議值。

以上的建議值視為一般的使用且僅供參考。應遵照法蘭管件製造商的組件指示，以確保最高的系統完整性。