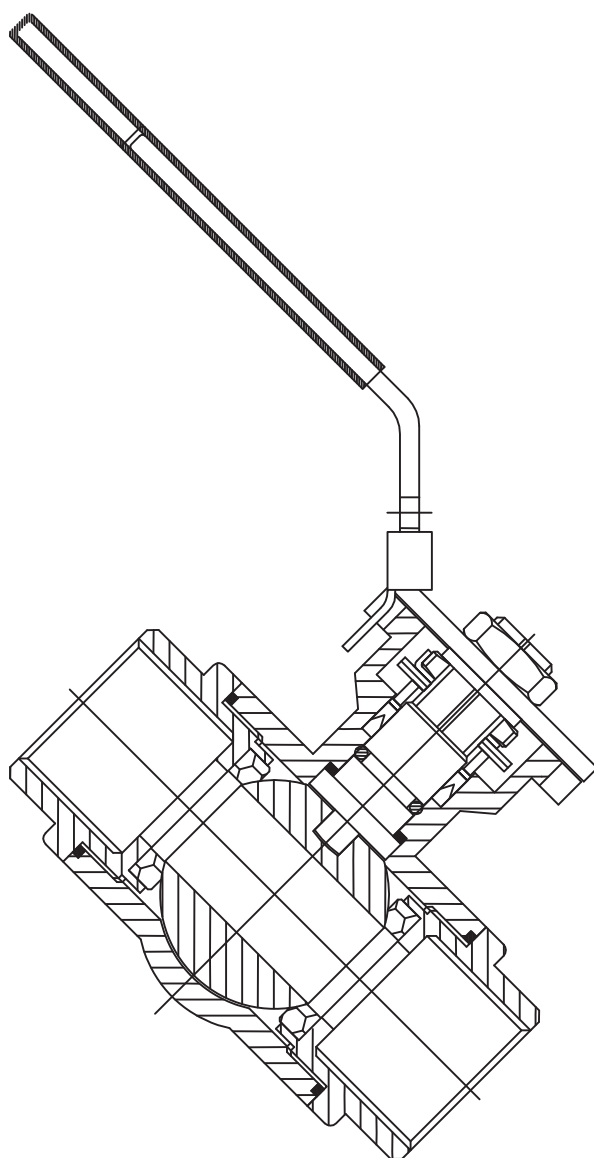




SIMODI™ VALVE

工業球閥

SIMODI VALVE

关于西玛帝阀业

南京西玛帝阀业有限公司，是一家致力于提供高品质球阀产品的企业。公司专门从事高品质球阀产品的生产、销售和出口业务。我们主要生产和销售软密封球阀，涉及一片式球阀、二片式球阀、三片式球阀、法兰球阀、三通球阀、四通球阀、五通球阀等，同时还可根据客户的需要，提供OEM 与 ODM 服务，满足多样化市场要求。

公司拥有强大的新品开发能力、优质稳定的供应链系统、完整的生产线（包括铸造，机械加工，焊接，装配，液压/气压检测和包装）、严苛的生产流程和检验流程。生产严格执行国际标准，诸如ISO，API，ANSI，BS，DIN和JIS。从原材料采购到成品，每一环节都严格把控，以国际水准铸就卓越品质。我们能够为客户提供基本的认证文件，包括 ISO9001 质量管理体系认证、CE 认证以及 3.1 Mill 证书等。

产品广泛应用于石油、石化、海洋石油、冶金、水电站、火力发电站、化工、化肥、制药、食品、液化天然气管道、建筑、消防等众多行业的管网系统。尤其在化工、石油和天然气应用领域，我们已深耕十多年，积累了丰富的实战经验，具备处理各类复杂应用场景的强大能力。多年来，我们凭借卓越的产品品质和优质的服务，赢得了众多公司的信赖与合作，我们期待与您携手合作，共创美好未来！

SIMODI VALVE

工業球閥型錄

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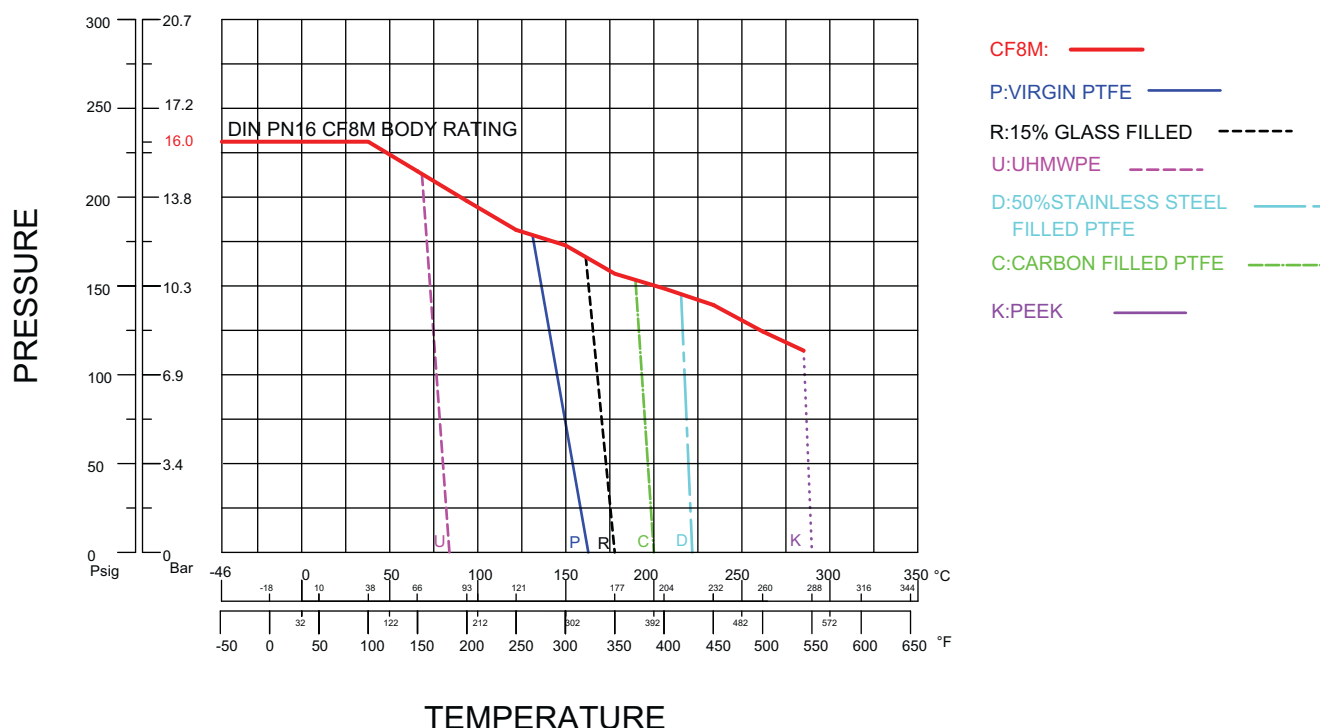
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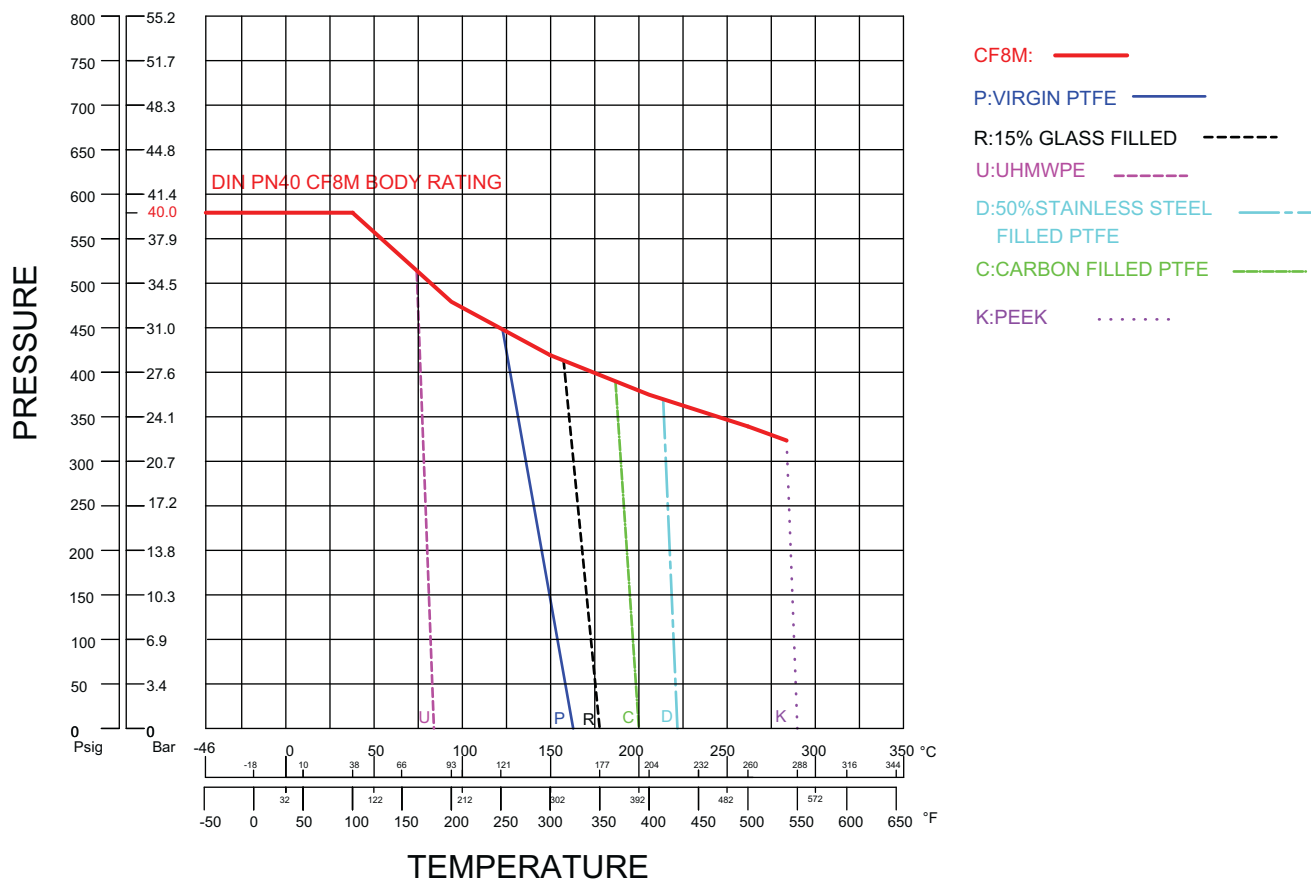
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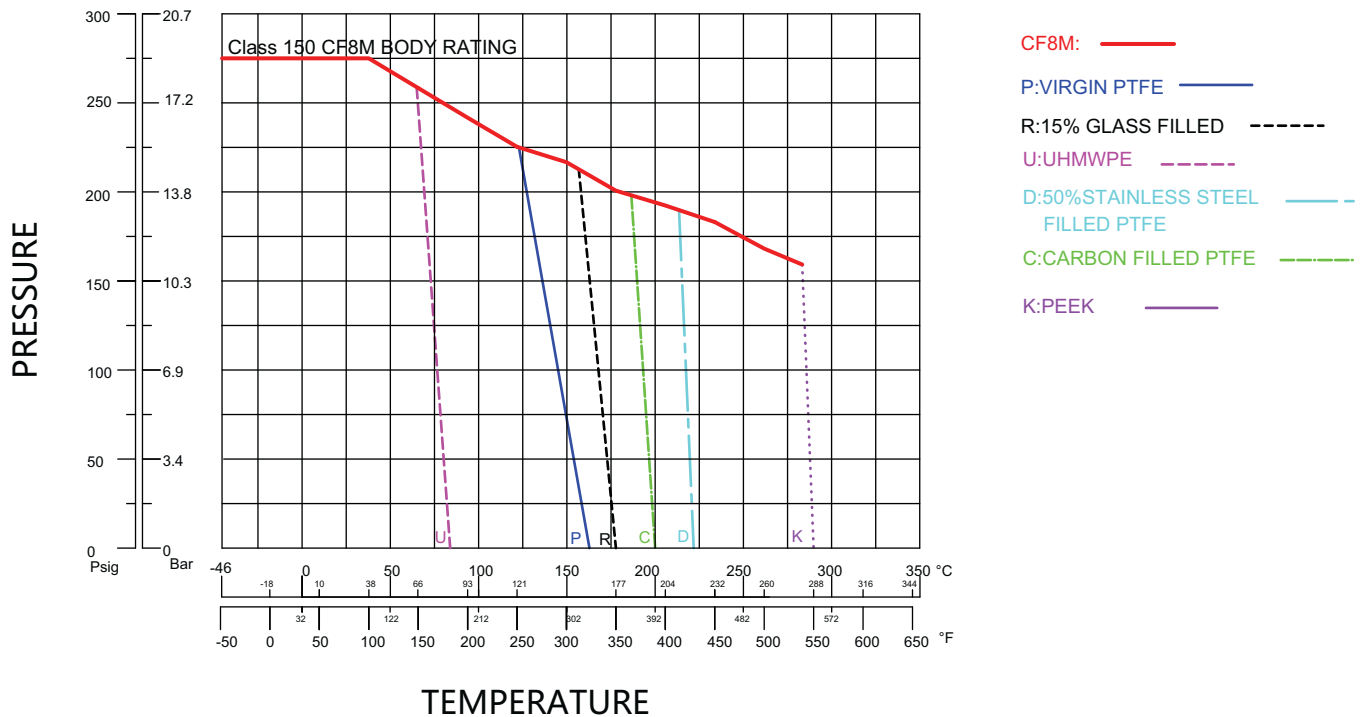
Stainless Steel Ball Valves DIN PN16 ,Pressure-Temperature Chart



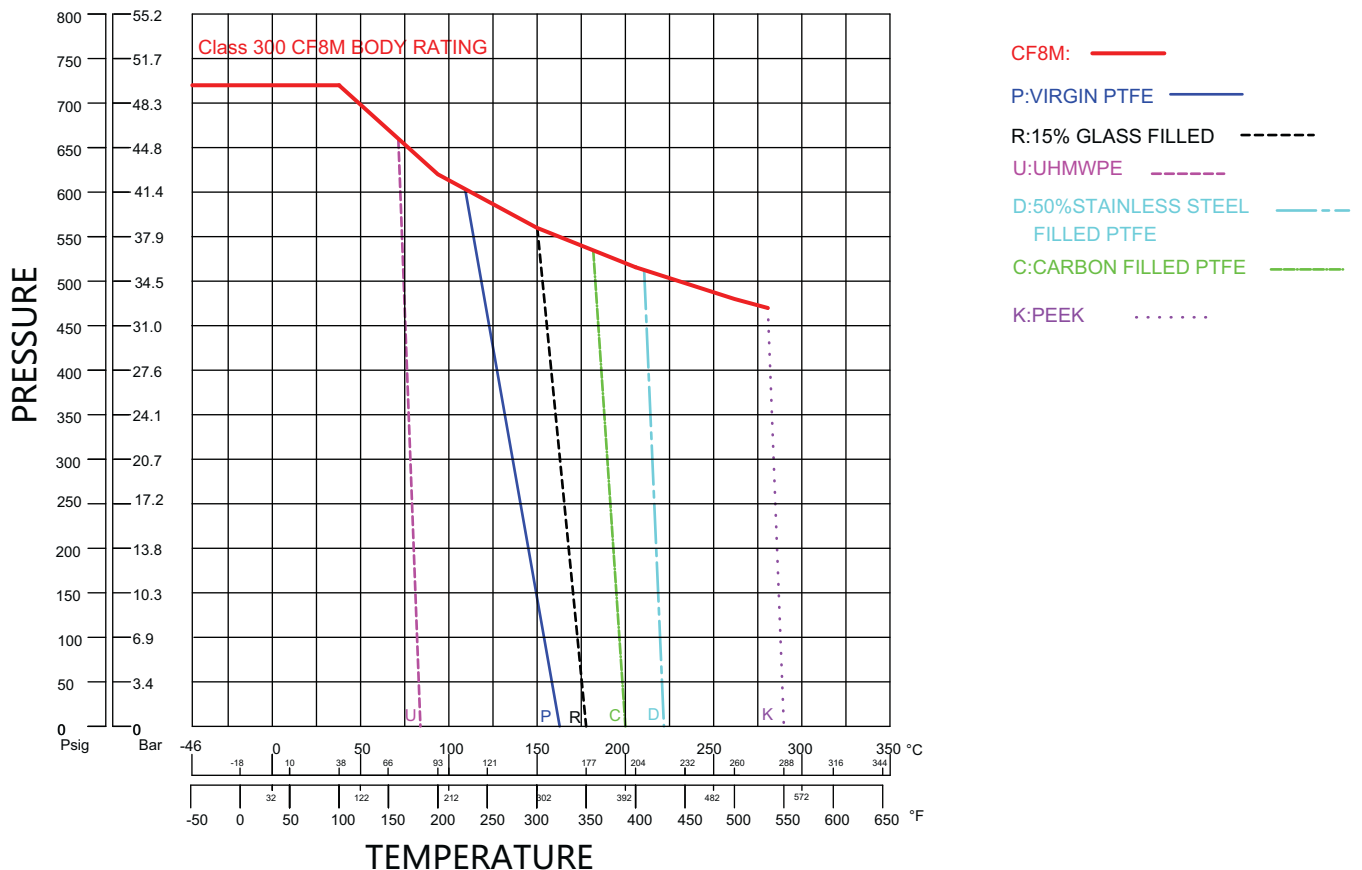
Stainless Steel Ball Valves DIN PN40 ,Pressure-Temperature Chart



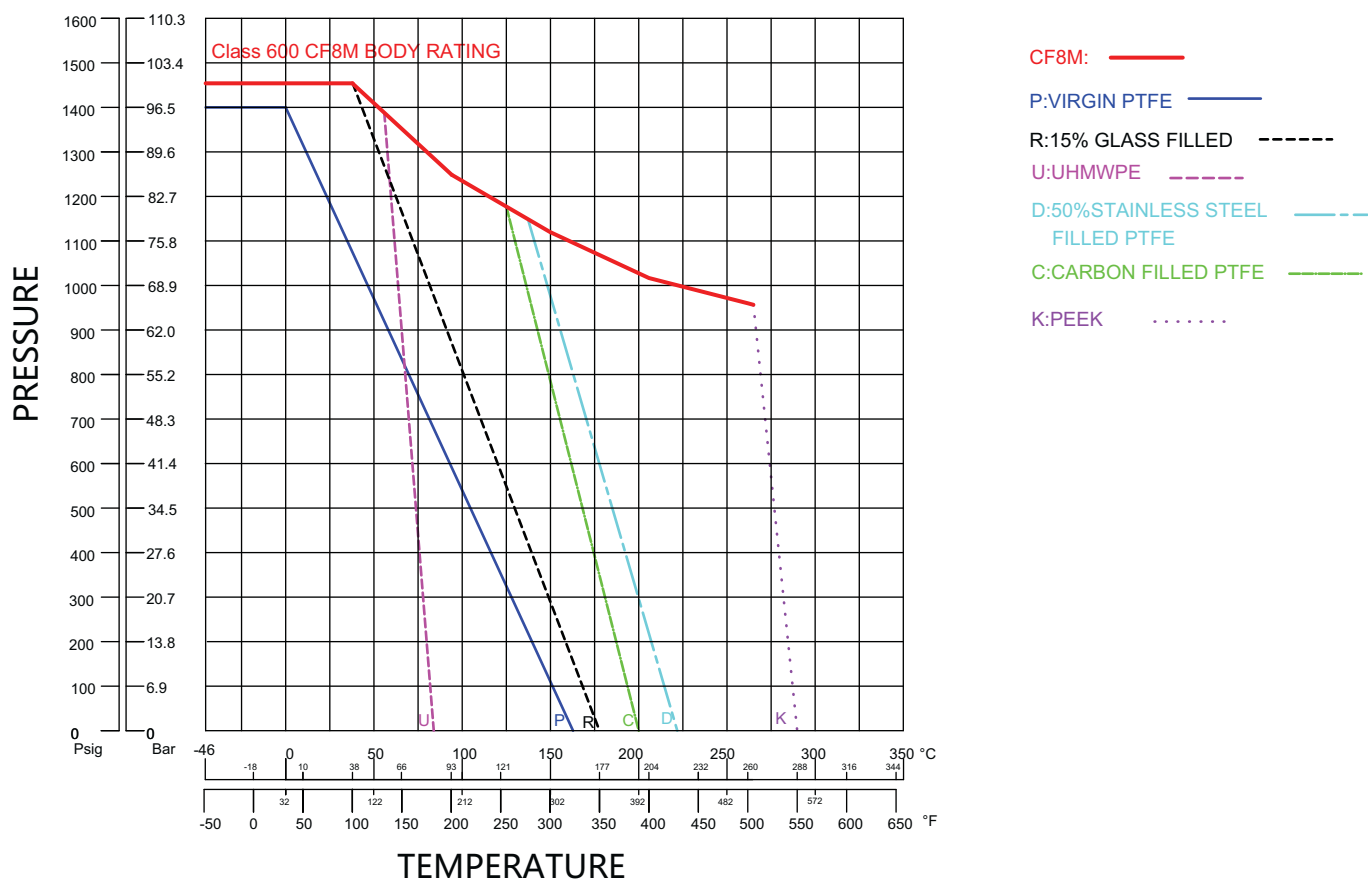
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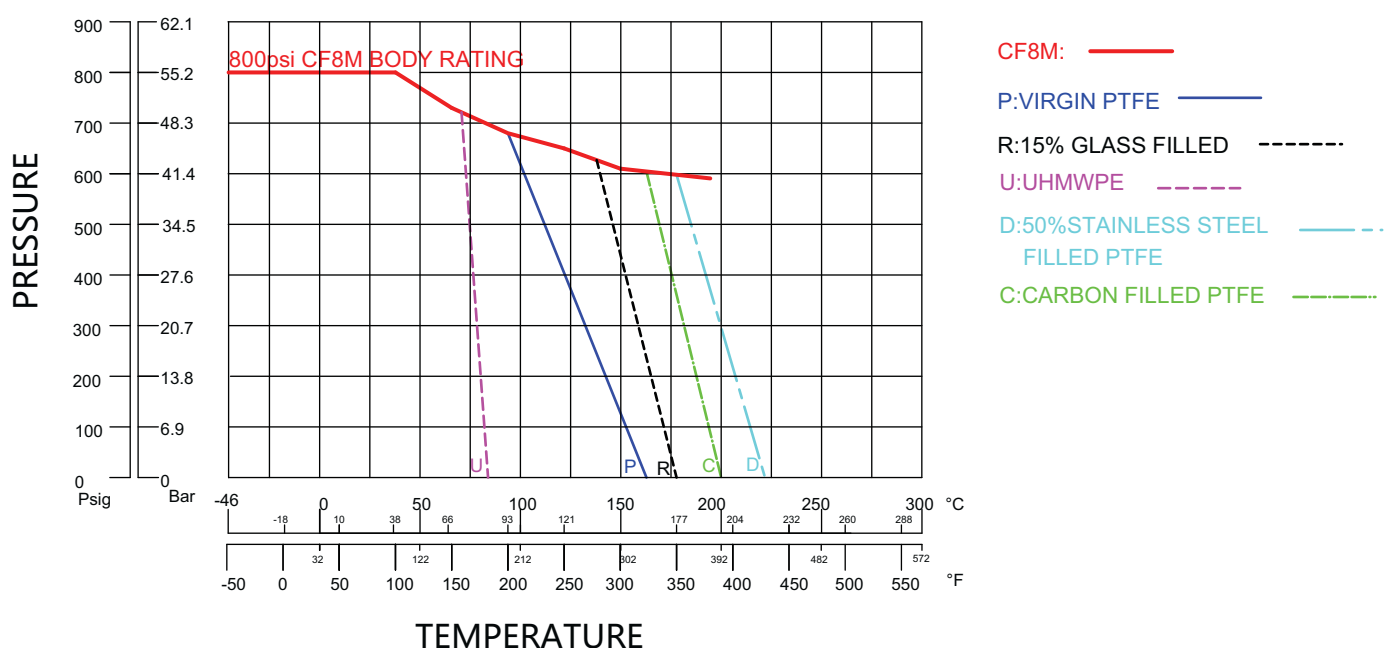
Stainless Steel Ball Valves Class 300 ,Pressure-Temperature Chart



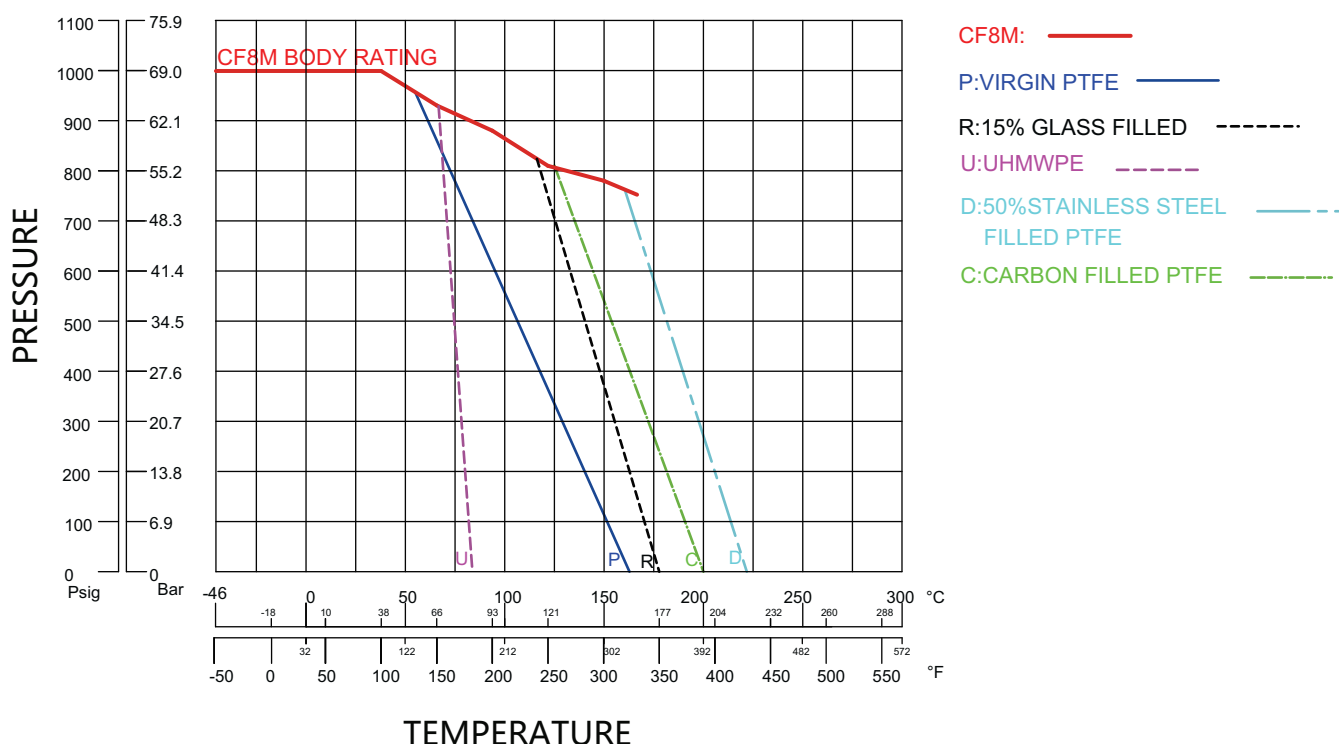
Stainless Steel Ball Valves Class 600 ,Pressure-Temperature Chart



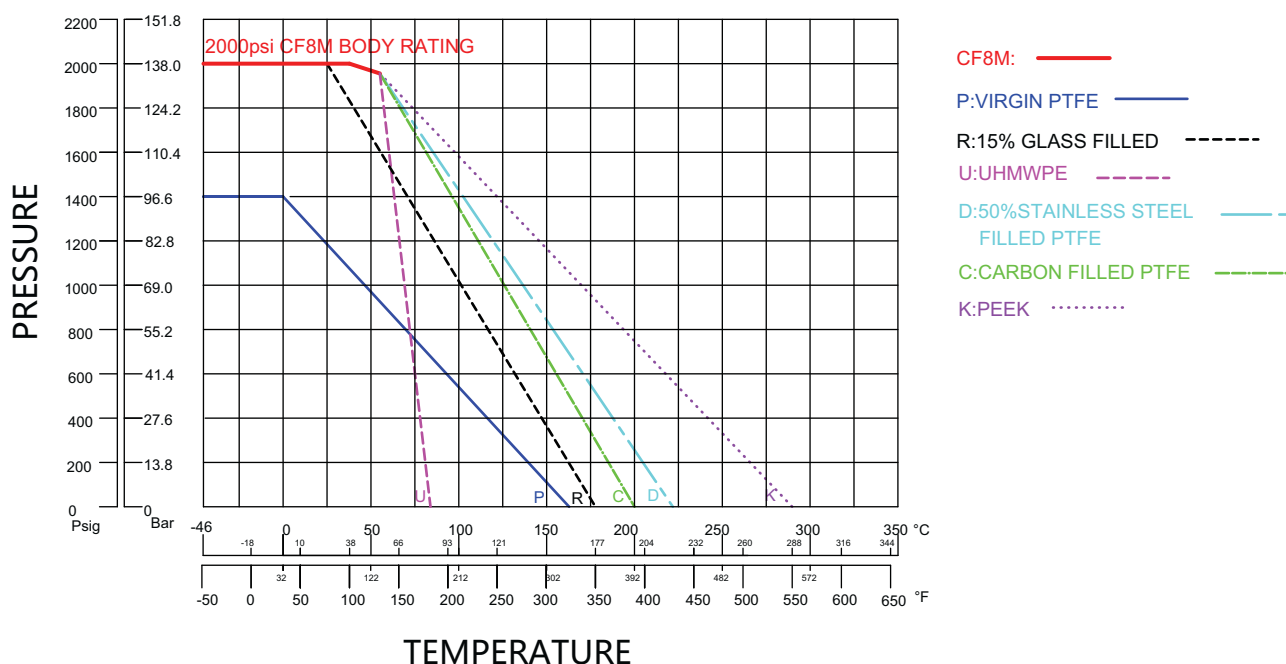
Stainless Steel Ball Valves 800Psi ,Pressure-Temperature Chart



Stainless Steel Ball Valves 1000Psi ,Pressure-Temperature Chart



Stainless Steel Ball Valves 2000Psi ,Pressure-Temperature Chart



Stainless Steel Temperature - Pressure Rating

Pressure – Temperature Ratings ASME B16.34 - 1996

Class		150										300										600										900										1500									
Service temperature		CF8	CF8M	CF3M	CN7M	CF8	CF8M	CF3M	CN7M	CF8	CF8M	CF3M	CN7M	CF8	CF8M	CF3M	CN7M	CF8	CF8M	CF3M	CN7M	CF8	CF8M	CF3M	CN7M	CF8	CF8M	CF3M	CN7M																						
°F	°C	Psig	Psig	(2)	(3)	Psig	Psig	(2)	(3)	Psig	Psig	(2)	(3)	Psig	Psig	(2)	(3)	Psig	Psig	(2)	(3)	Psig	Psig	(2)	(3)	Psig	Psig	(2)	(3)																						
-20 to 100	-29 to 38	275	275		230	720	720	600	600	1440	1440	1200	1200	2160	1800	3600	3600	3600	3600	3095	2590	2700	2700	2795	2330	2700	2700	2795	2330																						
200	93	235	235		200	600	620	520	1200	1240	1035	180	1860	1555	3000	3095	2590	2700	2700	2795	2330	2700	2700	2795	2330	2700	2700	2795	2330																						
300	149	205	215		180	540	560	465	1080	1120	935	162	1680	1395	2700	2795	2330	2700	2700	2795	2330	2700	2700	2795	2330	2700	2700	2795	2330																						
400	204	190	195		160	495	515	420	995	1025	845	149	1540	1265	2485	2570	2110	2485	2485	2570	2110	2485	2485	2570	2110	2485	2485	2570	2110																						
500	260	170	170		150	465	480	390	930	955	780	139	1435	1165	2330	2390	1945	1435	1435	2390	1945	1435	1435	2390	1945	1435	1435	2390	1945																						
600	316	140	140		140	435	450	360	875	900	720	131	1355	1080	2185	2255	1800	1355	1355	2255	1800	1355	1355	2255	1800	1355	1355	2255	1800																						
650	343	125	125			430	445		860	890		129	1330		2150	2220		1330	1330	2220		2150	2220		2150	2220		2150	2220																						
700	371	110	110			425	430		850	870		127	1305		2125	2170		1305	1305	2170		2125	2170		2125	2170		2125	2170																						
750	399	95	95			415	425		830	855		124	1280		2075	2135		1280	1280	2135		2075	2135		2075	2135		2075	2135																						
800	427	80	80			405	420		805	845		121	1265		2015	2110		1265	1265	2110		2015	2110		2015	2110		2015	2110																						
850	454	65	65			395	420		790	835		119	1255		1980	2090		1255	1255	2090		1980	2090		1980	2090		1980	2090																						
900	482	50	50			390	415		780	830		116	1245		1945	2075		1245	1245	2075		1945	2075		1945	2075		1945	2075																						
950	510	35	35			380	385		765	775		114	1160		1910	1930		1160	1160	1930		1910	1930		1910	1930		1910	1930																						
1000	538	20	20			320	350		640	700		965			1605	1750				1750		1605	1750		1605	1750		1605	1750																						
1050	566	20(1)	20(1)			310	345		615	685		925	1030		1545	1720		1030	1030	1720		1545	1720		1545	1720		1545	1720																						
1100	593	20(1)	20(1)			255	305		515	610		770	915		1285	1525		915	915	1525		1285	1525		1285	1525		1285	1525																						
1150	621	20(1)	20(1)			200	235		400	475		595	710		995	1185		710	710	1185		995	1185		995	1185		995	1185																						
1200	649	20(1)	20(1)			155	185		310	370		465	555		770	925		555	555	925		770	925		770	925		770	925																						
1250	677	20(1)	20(1)			115	145		225	295		340	440		565	735		440	440	735		565	735		565	735		565	735																						
1300	704	20(1)	20(1)			85	115		170	235		255	350		430	585		350	350	585		430	585		430	585		430	585																						
1350	732	20(1)	20(1)			60	95		125	190		185	290		310	480		290	290	480		310	480		310	480		310	480																						
1400	760	20(1)	20(1)			50	75		95	150		145	225		240	380		225	225	380		240	380		240	380		240	380																						
1450	788	15(1)	20(1)			35	60		70	115		105	175		170	290		175	175	290		170	290		170	290		170	290																						
1500	816	10(1)	15(1)			25	40		55	85		80	125		135	205		125	125	205		135	205		135	205		135	205																						
Hydrostatic shell test		425 psig				1100 psig				2175 psig				3250 psig				5400 psig																																	
Valve		303 psig				792 psig				1584 psig				2376 psig				3960 psig																																	
closure test		Air				80 ~ 100 psig																																													

1. Applied to welded end valves only. Flanged end valve ratings terminate at 1000 °F (538 °C)
2. Permissible, but not recommended for prolonged usage above 858 °F (454 °C)
3. ASME B16.34a-1998

Carbon Steel Temperature - Pressure Rating

Pressure – Temperature Ratings ASME B16.34 - 1996

Maximum Allowable Non-Shock Pressure, psig

Class		150				300				600				900				1500			
Service temperature		WCB	WC6	C12	LCC	WCB	WC6	C12	LCC	WCB	WC6	C12	LCC	WCB	WC6	C12	LCC	WCB	WC6	C12	LCC
		(a)	(b)	(c)	(d)	(a)	(b)	(c)	(d)	(a)	(b)	(c)	(d)	(a)	(b)	(c)	(d)	(a)	(b)	(c)	(d)
		Psig				Psig				Psig				Psig				Psig			
-20 to 100	-29 to 38	285	290	290	290	740	750	750	750	1480	1500	1500	1500	2220	2250	2250	2250	3705	3750	3750	3750
200	93	260	260	260	260	675	710	750	750	1350	1425	1500	1500	2025	2135	2250	2250	3375	3560	3750	3750
300	149	230	230	230	230	655	675	730	730	1315	1345	1455	1455	1970	2020	2185	2185	3365	3365	3640	3640
400	204	200	200	200	200	635	660	705	705	1270	1315	1410	1410	1900	1975	2115	2115	3290	3290	3530	3530
500	260	170	170	170	170	600	640	665	665	1200	1285	1330	1330	1795	1925	1995	1995	3210	3210	3325	3325
600	316	140	140	140	140	550	605	605	605	1095	1210	1210	1210	1640	1815	1815	1815	3025	3025	3025	3025
650	343	125	125	125	125	535	590	590	590	1075	1175	1175	1175	1610	1765	1765	1765	2940	2940	2940	2940
700	371	110	110	110	110	535	570	570		1065	1135	1135		1600	1705			2840	2840	2840	
750	399	95	95	95	95	505	530	530		1010	1065	1065		1510	1595			2660	2660	2660	
800	427	80	80	80	80	410	510	510		825	1015	1015		1235	1525			2540	2540	2540	
850	454	65	65	65	65	270	485	485		535	975	975		805	1460			1340	2435	2435	
900	482	50	50	50	50	170	450	450		345	900	900		515	1350			860	2245	2245	
950	510	35	35	35		105	380	375		205	755	755		310	1130			515	1885	1885	
1000	538	20	20	20		50	225	255		105	445	505		155	670			260	1115	1270	
1050	566		20*	20*			140	170			275	345			410				685	855	
1100	593		20*	20*			95	115			190	225			290				480	565	
1150	621		20*	20*			75				150									375	
1200	649		20*				50				105									255	
Hydrostatic shell test		450				1125				2250				3375				5560			
Valve closure test		320				825				1650				2475				4075			
Air																					

80 ~ 100 psig

Notes : a. Permissible, but not recommended for prolonged usage above about 800 (427)

b. Not to be used over 1100 (593)

c. Use normalized and tempered material only

d. Not to be used over 650 (343)

e. For welding end valves only. Flanged end ratings terminate at 1000 (538)

BVRB-111T一片式縮徑不銹鋼螺紋球閥

產品特徵:

SPECIFICATIONS

*公稱壓力: 1000PSI WOG

Working Pressure: 1000PSI WOG

*適用溫度範圍: -15 ~ 150°C(PTFE)

Temperature Range:-15~150°C(PTFE)

*防爆中軸 Blow-Out-Proof Stem Design

*精密鑄造 Investment Casting

*固溶化處理 Solution Treatment

*連接形式: 內螺紋

End Types: Female Threaded

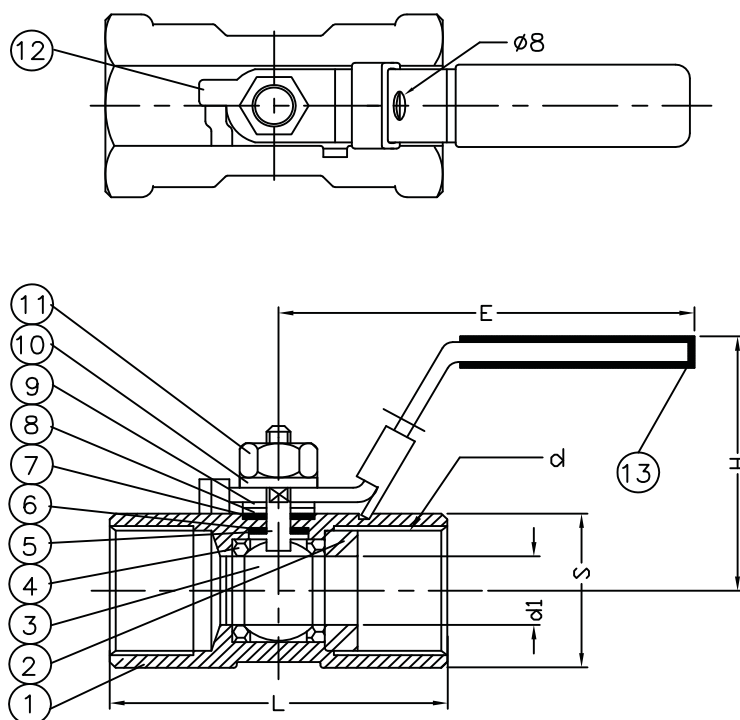
*減流量 Reduced Bore



型號: BVRB-111T

MATERIALS LIST

ITEM	零件名稱PART NAME	材質MATERIAL
1	閥體BODY	SUS316
2	閥蓋CAP	SUS316
3	鋼球BALL	SUS316
4	閥座SEAT	PTFE
5	中軸STEM	SUS316
6	止推墊圈THRUST WASHER	PTFE
7	中口STEM PASHER	PTFE
8	中口墊片GLAND WASHER	SUS304
9	中口墊片GLAND WASHER	SUS304
10	墊圈STEM NUT	SUS304
11	螺母NUT	SUS304
12	手柄HANDLE	SUS304
13	手柄膠套HANDLE SLEEVE	VINYL GRIP



DIMENSIONS

SIZE	d	d1	L	H	E	S	Unit:mm
1/4"	1/4"-PT-NPT	5	39	35	69	17	
3/8"	3/8"-PT-NPT	7.2	44	36	79	21	
1/2"	1/2"-PT-NPT	9.2	56.5	40	109	25	
3/4"	3/4"-PT-NPT	12.5	59	42	109	32	
1"	1"-PT-NPT	15	71	47	102	38	
1-1/4"	1-1/4"-PT-NPT	20	78	58	105	48	
1-1/2"	1-1/2"-PT-NPT	25	82	62	146	53	
2"	2"-PT-NPT	32	100	67	155	64	

BVRB-111T 訂貨說明

訂貨示例：

BVRB-111T-1/4PT-XXXX-000

球閥類型	接口尺寸	螺紋形式	內部代碼	閥體材質	中軸+球材質	閥座材質	
BVRB-111T	1/4	PT	XXXX	0	0	0	
	1/4	PT		0	SUS316	0	PTFE
	3/8	NPT					-15°C-150°C
	1/2	G					
	3/4	Rp					
	1	...					
	1-1/4						
	1-1/2						
	2						

- 選型注意事項：
1. 閥體，中軸，球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
 2. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇；
 3. 一片式內螺紋球閥，屬於經濟型球閥，中口密封較薄弱，不建議用於高壓和開關比較頻繁工況。

BVR-111DT一片式縮徑不銹鋼螺紋球閥

產品特徵:

SPECIFICATIONS

*公稱壓力: 1000PSI WOG

Working Pressure: 1000PSI WOG

*適用溫度範圍: -20 ~ 150°C(PTFE)

Temperature Range: -20 ~ 150°C(PTFE)

*ISO5211直接安裝執行機構平臺設計

ISO5211 Direct-Mounting of Actuators of Valves Design

*防靜電裝置 Antistatic Device

*固溶化處理 Solution Treatment

*精密鑄造 Investment Casting

*連接形式: 內螺紋

End Types: Female Threaded

*減流量 Reduced Bore

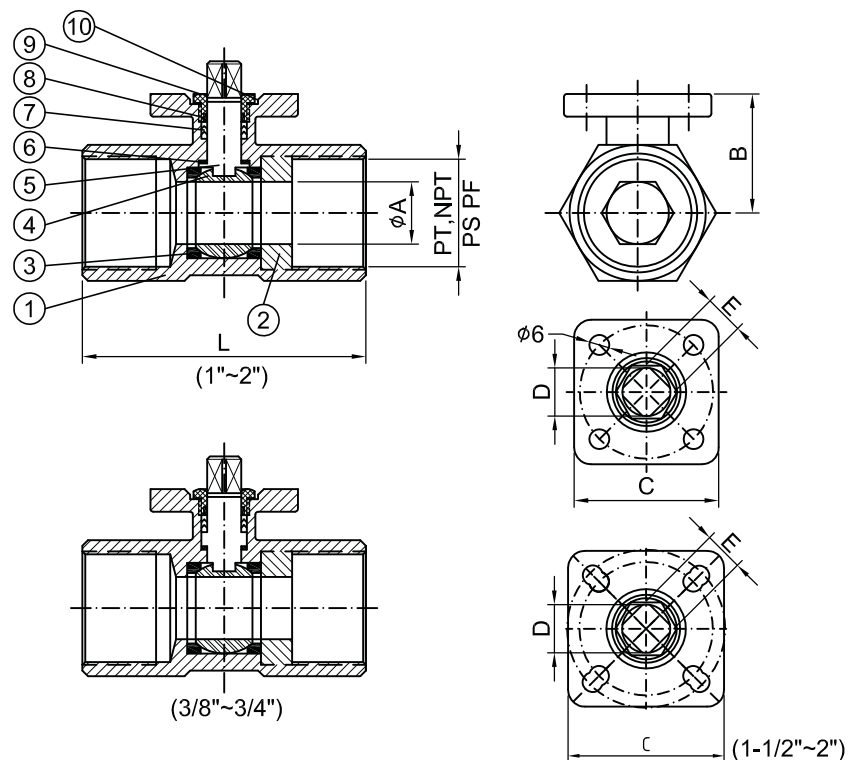
驅動方式: 可裝配氣動執行器和電動執行器



型號: BVR-111DT

MATERIALS LIST

ITEM	零件名稱PART NAME	材質MATERIAL
1	BODY	CF8M
2	CAP	CF8M
3	SEAT	TEFLON
4	BALL	CF8M
5	STEM	SUS316
6	GASKET	TEFLON
7	SEAL	PTFE
8	GLAND BUSH	TEFLON
9	GLAND NUT	SUS304
10	BOLT	SUS304



DIMENSIONS

Unit:mm

SIZE	A	B	C	D	E	L	ISO5211	PT	NPT	PS	PF
3/8"	7.0	23	36	11	9	45	F03	3/8"			牙式
1/2"	10.0	25	36	11	9	50	F03	1/2"			牙式
3/4"	12.5	32	36	11	9	60	F03	3/4"			牙式
1"	15.0	35	36	11	9	73	F03	1"			牙式
1-1/4"	20.0	38	36	11	9	78	F03	1-1/4"			牙式
1-1/2"	25.0	42	50	14	11	90	F04/F05	1-1/2"			牙式
2"	32.0	50	50	14	11	100	F04/F05	2"			牙式

BVR-111DT訂貨說明

訂貨示例：

BVR-111DT-3/8PT-XXXX-000

球閥類型	接口尺寸	螺紋形式	內部代碼	閥體材質	中軸+球材質	閥座材質
BVR-111DT	1/4	PT	XXXX	0	0	0
	3/8	PT		0 CF8M	0 SUS316	0 PTFE -15°C-120°C
	1/2	NPT				
	3/4	G				
	1	Rp				
	1-1/4	...				
	1-1/2					
	2					

選型注意事項：1. 閥體，中軸，球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
 2. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇；
 3. 一片式高平台球閥適用於安裝空間受限場合。

BVB-121T二片式全徑不銹鋼螺紋球閥

產品特徵:

SPECIFICATIONS

*公稱壓力: 1/4" ~ 2" 1000PSI WOG

2-1/2" ~ 3" 800PSI WOG

Working Pressure: 1/4" ~ 2" 1000PSI WOG

2-1/2" ~ 3" 800PSI WOG

*適用溫度範圍: -15 ~ 150°C(PTFE)

Temperature Range: -15 ~ 150°C(PTFE)

*防爆中軸 Blow-Out-Proof Stem Design

*精密鑄造 Investment Casting

*固溶化處理 Solution Treatment

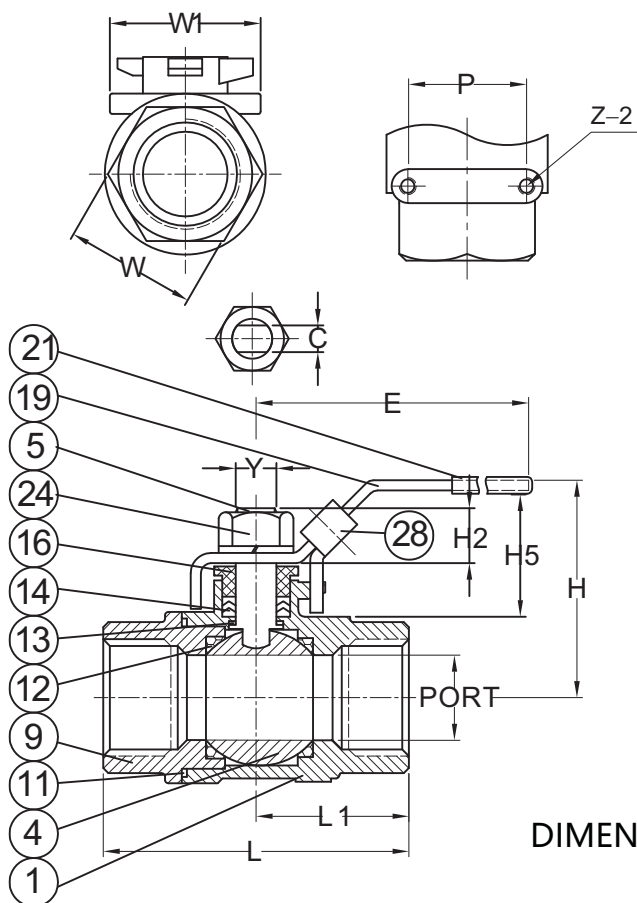
*連接形式: 內螺紋

End Types: Female Threaded

*全流量 Full port



型號: BVB-121T



MATERIALS LIST

NO.	PART NAME	MATERIAL
1	BODY	ASTM A351 Gr.CF8M
4	BALL	ASTM A351 Gr.CF8M
5	STEM	SS316
9	END CAP	ASTM A351 Gr.CF8M
11	BODY SEAL	PTFE.
12	SEAT	PTFE.
13	THRUST WASHER	PTFE.
14	STEM PACKING	PTFE.
16	GLAND NUT	SS316
19	HANDLE	SS316
21	HANDLE COVER	PLASTIC
24	HANDLE NUT	SS316
28	LOCKING DEVICE	SS316

DIMENSIONS

Unit:mm

SIZE		PORT	L	L1	E	H	H2	H5	C	Y	W	W1	P	Z-2
DN8	1/4"	11.5	54.4	25.4	103.9	50.0	9.5	35.5	4.0	5/16-24P	22.0	38.5	28.0	3/16"-24
DN10	3/8"	12.5	54.4	25.4	103.9	50.0	9.5	35.5	4.0	5/16-24P	22.0	38.5	28.0	3/16"-24
DN15	1/2"	15.0	65.3	30.9	123.0	56.5	12.4	42.3	5.0	3/8-16P	25.0	38.6	28.0	3/16"-24
DN20	3/4"	20.0	77.3	39.9	123.0	60.5	12.2	42.5	5.0	3/8-16P	32.0	45.8	35.0	3/16"-24
DN25	1"	25.0	88.7	44.3	145.0	69.3	17.7	45.8	8.0	M12-1.75P	40.0	45.8	35.0	3/16"-24
DN32	1 1/4"	32.0	102.4	54.5	145.0	76.0	17.3	46.2	8.0	M12-1.75P	49.0	47.2	38.0	1/4"-20
DN40	1 1/2"	38.1	109.0	54.5	189.0	84.5	20.1	51.7	10.0	M16-2.0P	55.0	47.0	38.0	1/4"-20
DN50	2"	50.0	125.3	62.2	189.0	95.0	20.0	52.7	10.0	M16-2.0P	69.0	49.2	38.0	1/4"-20
DN65	2 1/2"	65.0	165.0	81.4	255.0	131.3	21.5	76.3	10.0	M16-2.0P	85.0	68.5	55.0	1/4"-20
DN80	3"	80.0	189.5	94.9	261.0	140.6	27.5	74.9	12.0	3/4-10P	102.0	69.5	55.0	1/4"-20

BVB-121T訂貨說明

訂貨示例：

螺紋式 BVB-121T-1/4PT-XXXX-000

球閥類型	接口尺寸	螺紋形式	內部代碼	閥體材質	中軸+球材質	閥座材質	
BVB-121T	1/4	PT	XXXX	0	0	0	
	1/4	PT		0	0	0	PTFE -15°C-150°C
	3/8	NPT		1	1	1	PTFE+15%GL -20°C-180°C
	1/2	G		2	2	2	PTFE+50%SS -28°C-220°C
	3/4	Rp		3	3	3	TFM1600 -57°C-180°C
	1	...				4	MG1241 -45°C-200°C
	1-1/4					8	TFM4215 -60°C-200°C
	1-1/2						
	2						

選型注意事項：1. 閥體，中軸，球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
2. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇。

BVB1-121T二片式全徑不銹鋼螺紋球閥

產品特徵:

SPECIFICATIONS

*公稱壓力: 1/4" ~ 2" 1000PSI WOG

2-1/2" ~ 3" 800PSI WOG

Working Pressure: 1/4" ~ 2" 1000PSI WOG

2-1/2" ~ 3" 800PSI WOG

*適用溫度範圍: -15 ~ 150°C(PTFE)

Temperature Range: -15 ~ 150°C(PTFE)

*防爆中軸 Blow-Out-Proof Stem Design

*精密鑄造 Investment Casting

*固溶化處理 Solution Treatment

*連接形式: 內螺紋

End Types: Female Threaded

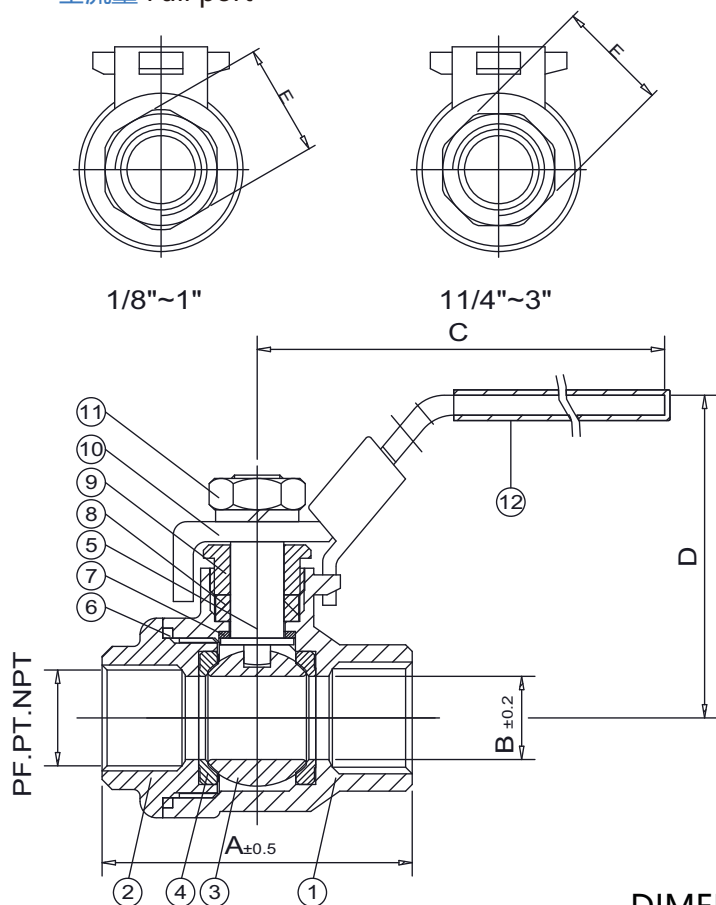
*全流量 Full port



型號: BVB1-121T

MATERIALS LIST

NO.	PART NAME	MATERIAL	Q'TY
1	BODY	CF8M	1
2	CAP	CF8M	1
3	BALL	CF8M	1
4	BALL SEAT	PTFE	2
5	STEM	SS.316	1
6	GASKET	PTFE	1
7	THRUST WASHER	PTFE	1
8	STEM PACKING	PTFE	1
9	GLAND	SS.304	1
10	HANDLE	SS.304	1
11	HANDLE NUT	SS.304	1
12	SLEEVE	VINYL GRIP	1



DIMENSIONS

Unit:mm

SIZE	A	Ø B	C	D	E
1/8"	46.6	8.0	75	50	21.5
1/4"	46.6	11.5	75	50	21.5
3/8"	46.6	12.5	75	50	21.5
1/2"	56.3	15.0	95	56.5	24
3/4"	61.5	20.0	95	60.5	31.5
1"	75.5	24	120	△68.8	40
1 1/4"	85.8	31	120	75	49
1 1/2"	94.8	37	150	83.5	55
2"	114.2	50	150	95	67
2 1/2"	139.8	62	220	127.3	84
3"	156.4	75	220	136.1	98

BVB1-121T訂貨說明

訂貨示例：

螺紋式 BVB1-121T-1/4PT-XXXX-000

球閥類型	接口尺寸	螺紋形式	內部代碼	閥體材質	中軸+球材質	閥座材質	
BVB1-121T	1/4	PT	XXXX	0	0	0	
	1/8	PT		0	0	0	PTFE -15°C-160°C
	1/4	NPT		1	1	1	PTFE+15%GL -20°C-180°C
	3/8	G		2	2	2	PTFE+50%SS -28°C-220°C
	1/2	Rp		3	3	3	TFM1600 -57°C-180°C
	3/4	...				4	MG1241 -45°C-200°C
	1					8	TFM4215 -60°C-200°C
	1-1/4						
	1-1/2						
	2						

- 選型注意事項：
1. 閥體，中軸，球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
 2. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇；
 3. 此款兩片式球閥為經濟款，相對於BVB-121T,結構長度稍短。

BVB-121DT二片式全徑不銹鋼螺紋球閥

產品特徵:

SPECIFICATIONS

*公稱壓力: 1/4" ~2" 1000PSI WOG

2-1/2" ~3" 800PSI WOG

Working Pressure: 1/4" ~2" 1000PSI WOG

2-1/2" ~3" 800PSI WOG

*適用溫度範圍: -15 ~ 150°C(PTFE)

Temperature Range: -15 ~ 150°C(PTFE)

*防爆中軸 Blow-Out-Proof Stem Design

*精密鑄造 Investment Casting

*固溶化處理 Solution Treatment

*防爆中軸設計, 防靜電裝置

Blow-Out Proof Stem Design, Antistatic Device

*ISO5211直接安裝執行機構平臺設計

ISO5211 Direct-Mounting of Actuators of Valves Design

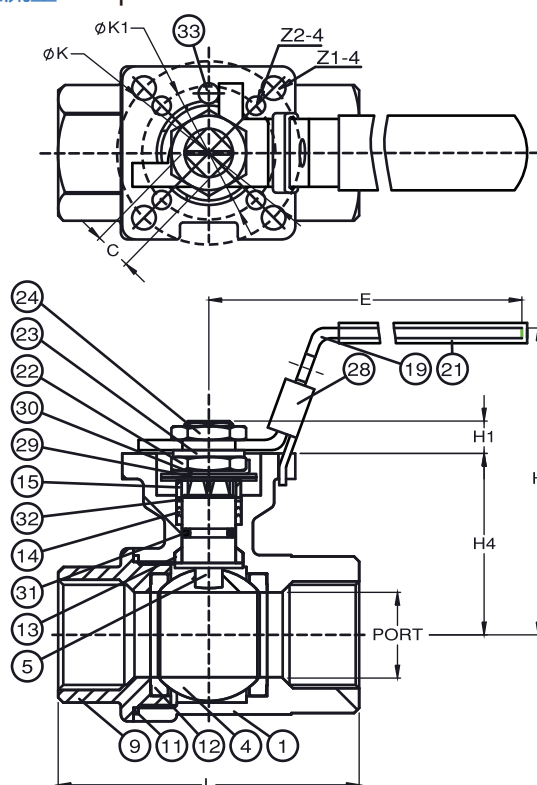
*連接形式: 內螺紋

End Types: Female Threaded

*全流量 Full port



型號: BVB-121DT



MATERIALS LIST

NO.	PART NAME	MATERIAL
1	BODY	ASTM A351 Gr.CF8M
4	BALL	ASTM A351 Gr.CF8M
5	STEM	SS316
9	END CAP	ASTM A351 Gr.CF8M
11	BODY SEAL	PTFE.
12	SEAT	PTFE.+15%G.F.
13	THRUST WASHER	PTFE.+15%G.F.
14	STEM PACKING	PTFE.+15%G.F.
15	GLAND BUSH	SS304
19	HANDLE	SS304
21	HANDLE COVER	PLASTIC
22	STEM NUT	SS304
23	HANDLE WASHES	SS304
24	HANDLE NUT	SS304
28	LOCKING DEVICE	SS304(OPTION)
29	BELLEVILLE WASHER	SUS301
30	TAB WASHER	SS304
31	STEM O-RING	VITON
32	PACKING FOLLOWER	PTFE.+25%G.F.
33	STOP PIN	SS304

DIMENSION

unit: mm

SIZE		PORT	L	E	H	H1	H4	C	ØK	ØK1	Z1-4	Z2-4
DN8	1/4"	11.5	65.3	112.0	72.9	8.5	37.0	9.0	50.0	36.0	7.0	6.0
DN10	3/8"	12.5	65.3	112.0	72.9	8.5	37.0	9.0	50.0	36.0	7.0	6.0
DN15	1/2"	15.0	65.3	112.0	72.9	8.5	37.0	9.0	50.0	36.0	7.0	6.0
DN20	3/4"	20.0	77.3	112.0	81.8	8.5	45.0	9.0	50.0	36.0	7.0	6.0
DN25	1"	25.0	88.7	136.0	90.5	9.5	53.5	9.0	50.0	36.0	7.0	6.0
DN32	1 1/4"	32.0	102.4	185.0	98.0	9.5	59.0	9.0	50.0	36.0	7.0	6.0
DN40	1 1/2"	38.0	109.0	197.9	114.7	14.0	74.8	14.0	70.0	50.0	9.0	7.0
DN50	2"	50.0	125.3	197.9	124.0	13.7	83.5	14.0	70.0	50.0	9.0	7.0
DN80	3"	80.0	189.5	267.0	164.5	17.0	118.25	17.0	102.0	70.0	11.0	9.0

BVB-121DT訂貨說明

訂貨示例：

BVB-121DT-1/4PT-XXXX-000

球閥類型	接口尺寸	螺紋形式	內部代碼	閥體材質	中軸+球材質	閥座材質	
BVB-121DT	1/4	PT	XXXX	0	0	0	
	1/4	PT		0	CF8M	0	PTFE -15°C-150°C
	3/8	NPT		1	CF8	1	PTFE+15%GL -20°C-180°C
	1/2	G		2	CF3M	2	PTFE+50%SS -28°C-220°C
	3/4	Rp		3	CF3	3	TFM1600 -57°C-180°C
	1	...				4	MG1241 -45°C-200°C
	1-1/4					8	TFM4215 -60°C-200°C
	1-1/2						
	2						

選型注意事項：1. 閥體，中軸，球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
 2. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇；

BVB-122T二片式不銹鋼螺紋球閥

產品特徵:

SPECIFICATIONS

*公稱壓力: 1/4" ~ 1" 2000PSI(PN140)

1-1/4" ~ 2" 1500PSI(PN100)

2-1/2" ~ 3" 1000PSI(PN63)

Working Pressure: 1/4" ~ 1" 2000PSI(PN140)

1-1/4" ~ 2" 1500PSI(PN100)

2-1/2" ~ 3" 1000PSI(PN63)

*適用溫度範圍: -15 ~ 150°C(PTFE)

Temperature Range: -15 ~ 150°C(PTFE)

*防爆中軸 Blow-Out-Proof Stem Design

*精密鑄造 Investment Casting

*固溶化處理 Solution Treatment

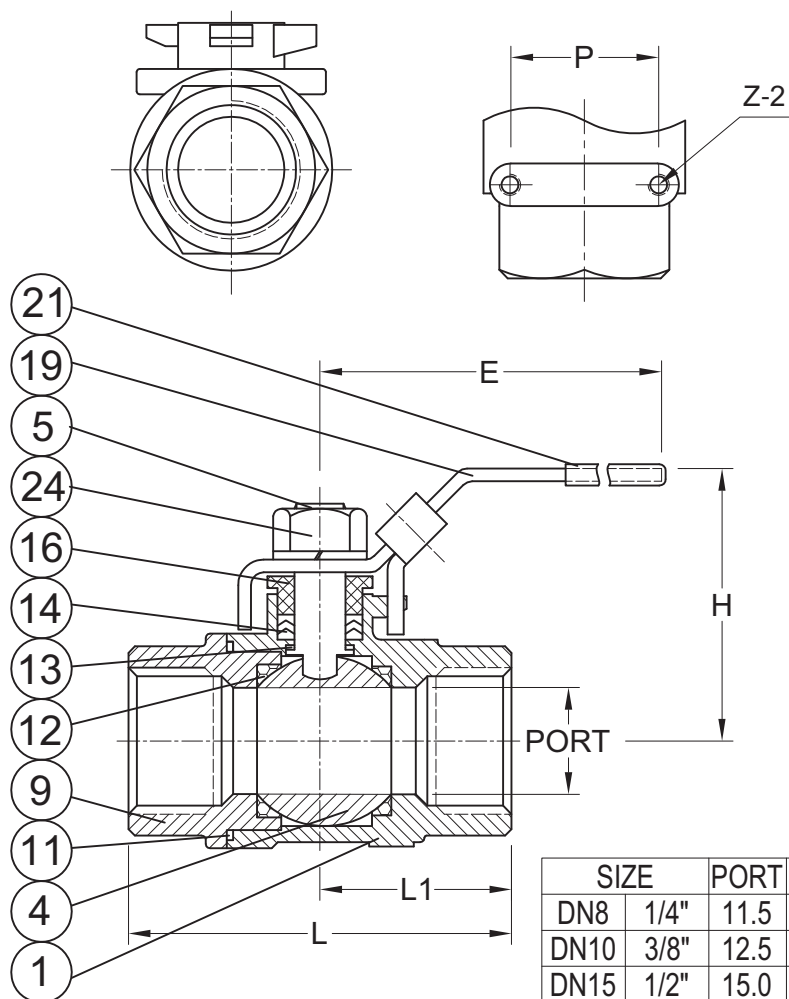
*連接形式: 內螺紋

End Types: Female Threaded

*減流量 Reduced Bore



型號: BVB-122T



MATERIALS LIST

NO.	PART NAME	MATERIAL
1	BODY	ASTM A351 Gr.CF8M
4	BALL	ASTM A351 Gr.CF8M
5	STEM	SS316
9	END CAP	ASTM A351 Gr.CF8M
11	BODY SEAL	PTFE.
12	SEAT	PTFE.+15%G.F.
13	THRUST WASHER	PTFE.
14	STEM PACKING	PTFE.
16	GLAND NUT	SS304
19	HANDLE	SS304
21	HANDLE COVER	PLASTIC
24	HANDLE NUT	SS304

DIMENSIONS

unit: mm

SIZE	PORT	L	L5	E	H	P	Z-2
DN8	1/4"	11.5	60.0	28.2	103.9	50.0	28.5
DN10	3/8"	12.5	60.0	28.2	103.9	50.0	28.5
DN15	1/2"	15.0	75.0	35.7	123.0	58.8	28.5
DN20	3/4"	20.0	80.0	40.2	123.0	62.5	35.0
DN25	1"	25.0	90.0	45.0	145.0	69.3	35.0
DN32	1-1/4"	32.0	110.0	53.4	145.0	76.0	38.0
DN40	1-1/2"	38.0	120.0	60.0	189.0	86.9	38.0
DN50	2"	50.0	140.0	69.5	189.0	95.0	38.0
DN65	2-1/2"	65.0	185.0	91.5	255.0	131.3	55.0
DN80	3"	80.0	205.0	102.7	261.0	140.6	55.0

BVB-122T訂貨說明

訂貨示例：

BVB-122T-1/4PT-XXXX-000

球閥類型	接口尺寸	螺紋形式	內部代碼	閥體材質	中軸+球材質	閥座材質	
BVB-122T	1/4	PT	XXXX	0	0	0	
	1/4	PT		0	0	0	PTFE -15°C-150°C
	3/8	NPT		1	1	1	PTFE+15%GL -20°C-180°C
	1/2	G		2	2	2	PTFE+50%SS -28°C-220°C
	3/4	Rp		3	3	3	TFM1600 -57°C-180°C
	1	...				4	MG1241 -45°C-200°C
	1-1/4					8	TFM4215 -60°C-200°C
	1-1/2						
	2						
	2-1/2						
	3						

選型注意事項：1. 閥體，中軸，球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
 2. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇。

BVB-123(6)T二片式高壓球閥

產品特徵:

SPECIFICATIONS

*公稱壓力: 1/4" ~ 2" 3000PSI(BVB-123) 6000PSI(BVB-126T)

Working Pressure: 1/4" ~ 2" 3000PSI(BVB-123) 6000PSI(BVB-126T)

*適用溫度範圍: -20 ~ 80°C(Delrin)

Temperature Range: -20 ~ 80°C(Delrin)

*連接形式: 內螺紋

End Types: Female Threaded

*防爆中軸設計

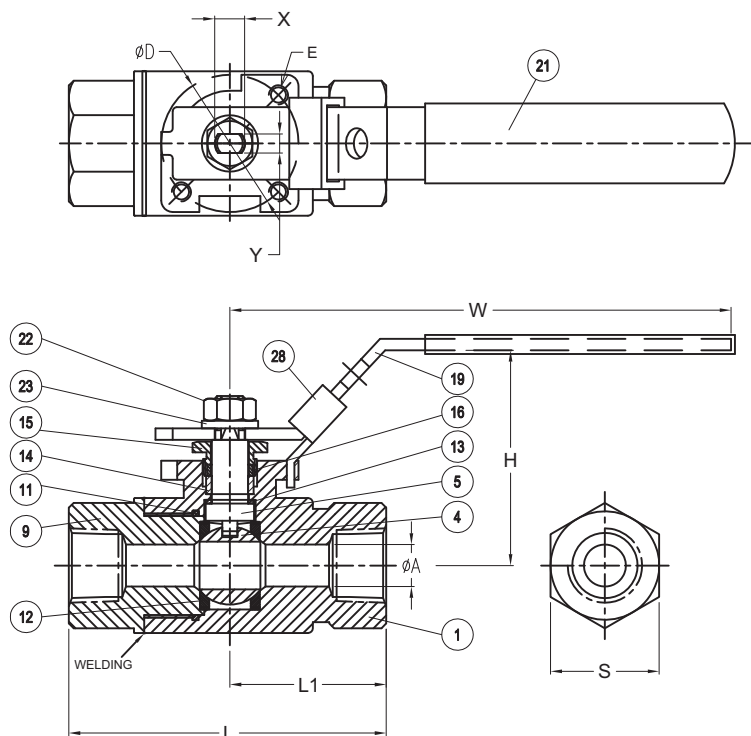
Blow-Out Proof Stem Design



型號: BVB-123T/BVB-126T

MATERIAL LIST

PART	DESCRIPTION	MATERIAL	
1	BODY	CF8M	WCB
9	END CAP	CF8M	WCB
4	BALL	CF8M	
5	STEM	SS 316	
11	BODY SEAL	PTFE	
12	SEAT	DELIN+5%CARBON	
13	THRUST WASHER	DELIN+5%CARBON	
14	STEM PACKING	PTFE	
15	GLAND	SS 304	
16	GLAND WASHER	PTFE	
19	HANDLE	SS 304	
21	HANDLE COVER	PLASTIC	
22	HANDLE NUT	SS 304	
23	WASHER	SS 304	
28	LOCKING PAD	SS 304	



DIMENSIONS

unit: mm

SIZE	DN	A	D	L	L1	H	W	X	Y	S		E
										3000WOG	6000WOG	
1/4"	8	6.3	36	76	38.0	52	132.5	9.5	5.0	31.8		1/4"-20UNC
3/8"	10	9.6	36	76	38.0	52	132.5	9.5	5.0	31.8		1/4"-20UNC
1/2"	15	12.7	36	101	50.0	53	132.5	9.5	5.0	31.8		1/4"-20UNC
3/4"	20	19.0	42	108	54.0	68.5	150	12.0	8.0	46.1		1/4"-20UNC
1"	25	25.0	42	115	57.0	70.5	150	12.0	8.0	57.2		1/4"-20UNC
1-1/4"	32	31.5	50	121	60.5	84	182	16.0	10.0	67.8		1/4"-20UNC
1-1/2"	40	37.0	50	134	67.0	88.6	182	16.0	10.0	76.2	88.9	1/4"-20UNC
2"	50	37.0	50	158	79.0	90	182	16.0	10.0	76.2	88.9	1/4"-20UNC

1/4"~1-1/2" FULL PORT, 2" REDUCE PORT

BVB-123/BVB-126訂貨說明

訂貨示例：

螺紋式 BVB-126T-1/4PT-XXXX-045

球閥類型	接口尺寸	螺紋形式	內部代碼	閥體材質	中軸+球材質	閥座材質				
BVB-126T	1/4	PT	XXXX	0	0	0				
BVB-123T	1/4	PT		0	CF8M	4	17-4PH/SUS316	5	PEEK	-20°C-260°C
BVB-126T	3/8	NPT		1	CF8	5	17-4PH/SUS304	7	DERLIN	-40°C-80°C
	1/2	G								
	3/4	Rp								
	1	...								
	1-1/4									
	1-1/2									
	2									

選型注意事項：1. 閥體，中軸，球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
2. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇。

BVB-131T/B/S三片式手動球閥

產品特徵:

SPECIFICATIONS

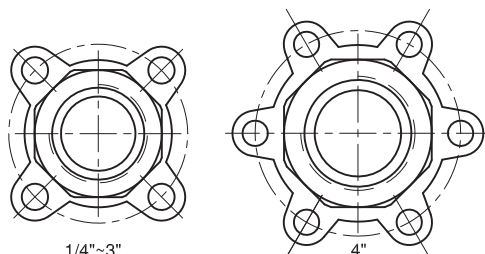
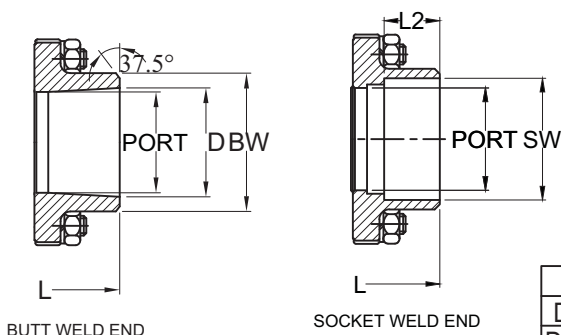
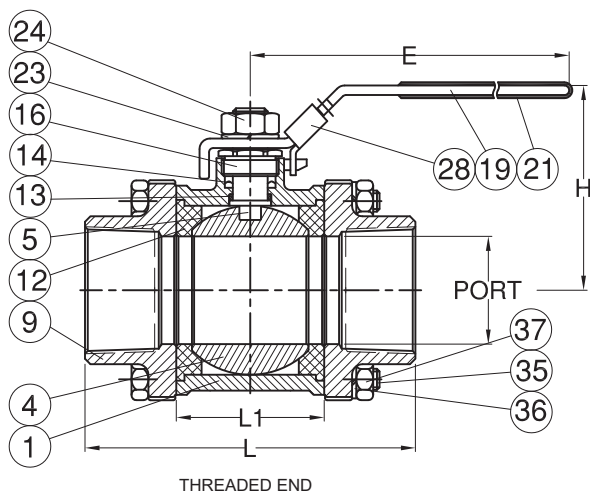
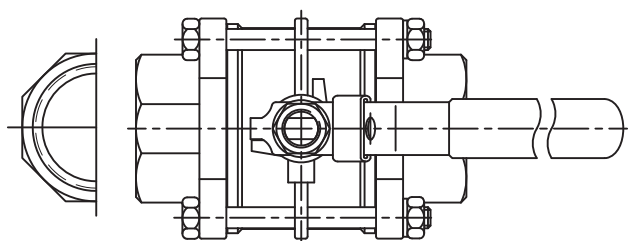
- *公稱壓力: 1/4" ~2" 1000PSI WOG
2-1/2" ~4" 800PSI WOG
Working Pressure: 1/4" ~2" 1000PSI WOG
2-1/2" ~4" 800PSI WOG
- *適用溫度範圍: -15 ~ 150°C(PTFE)
Temperature Range: -15 ~ 150°C(PTFE)
- *防爆中軸 Blow-Out-Proof Stem Design
- *精密鑄造 Investment Casting
- *固溶化處理 Solution Treatment
- *連接形式: 內螺紋、對焊、承插焊
End Types: Female Threaded、Butt Welded、Socket Welded



型號: BVB-131T

MATERIALS LIST

NO.	PART NAME	MATERIAL
1	BODY	ASTM A351 Gr.CF8M
4	BALL	ASTM A351 Gr.CF8M
5	STEM	SS316
9	END CAP	ASTM A351 Gr.CF8M
12	SEAT	50%SS316+PTFE.
13	THRUST WASHER	RTFE.
14	STEM PACKING	15%Carbon.
16	GLAND NUT	SS304
19	HANDLE	SS304
21	HANDLE COVER	PLASTIC
23	HANDLE WASHER	SS304
24	HANDLE NUT	SS304
28	LOCKING DEVICE	SS304 (OPTION)
35	BODY BOLT	SS304
36	BOLT WASHER	SS304
37	BOLT NUT	SS304



DIMENSION

unit: mm

SIZE	PORT	L	E	D	H	BW	L1	SW	L2
DN8	1/4"	11.0	54.0	97.4	11.0	49.0	13.7	19.0	10.0
DN10	3/8"	12.5	54.0	97.4	12.5	49.0	17.1	19.0	10.0
DN15	1/2"	15.0	63.5	122.9	15.8	58.0	21.3	22.5	10.0
DN20	3/4"	20.0	72.5	122.9	20.9	61.0	26.7	27.5	13.0
DN25	1"	25.0	81.0	144.9	26.6	68.0	33.4	34.0	13.0
DN32	1 1/4"	32.0	94.5	144.9	35.1	73.5	42.2	42.5	13.0
DN40	1 1/2"	38.1	108.0	188.9	40.9	84.5	48.3	52.0	13.0
DN50	2"	50.0	121.5	188.9	52.5	93.2	60.3	63.5	16.0
DN65	2 1/2"	62.7	157.5	255.3	65.0	131.8	73.0	85.5	16.0
DN80	3"	77.9	190.0	260.8	77.9	140.0	88.9	102.0	16.0
DN100	4"	100.0	225.0	322.2	102.3	173.6	114.3	128.5	22.0

BVB-131T訂貨說明

訂貨示例：

螺紋式 BVB-131T-1/4PT-XXXX-000

對焊式 BVB-131B-1/4-XXXX-000

承插焊式 BVB-131S-1/4-XXXX-000

球閥類型	接口尺寸	螺紋形式	內部代碼	閥體材質	中軸+球材質	閥座材質	
BVB-131T	1/4	PT	XXXX	0	0	0	
BVB-131B	1/4	PT		0	0	0	PTFE -15°C-150°C
BVB-131S	3/8	NPT		1	1	1	PTFE+15%GL -20°C-180°C
	1/2	G		2	2	2	PTFE+50%SS -28°C-220°C
	3/4	Rp		3	3	3	TFM1600 -57°C-180°C
	1	...		4	4	4	MG1241 -45°C-200°C
	1-1/4					8	TFM4215 -60°C-200°C
	1-1/2						
	2						
	2-1/2						
	3						
	4						

選型注意事項：1. 此球閥公稱壓力1000PSI, 請根據球閥設計壓力和最大工作壓力權衡選擇；
 2. 請根據閥體，中軸，鋼球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
 3. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇。

BVB-131DT/B/S 三片式高平台球閥

產品特徵:

SPECIFICATIONS

- *公稱壓力: 1/4" ~2" 1000PSI WOG
2-1/2" ~4" 800PSI WOG
Working Pressure: 1/4" ~2" 1000PSI WOG
2-1/2" ~4" 800PSI WOG
- *適用溫度範圍: -15 ~ 150°C(PTFE)
Temperature Range: -15 ~ 150°C(PTFE)
- *防爆中軸 Blow-Out-Proof Stem Design
- *防靜電裝置 Antistatic Device
- *精密鑄造 Investment Casting
- *固溶化處理 Solution Treatment
- *ISO5211直接安裝執行機構平臺設計
ISO5211 Direct-Mounting of Actuators of Valves Design
- *連接形式: 內螺紋、對焊、承插焊
End Types: Female Threaded, Butt Welded, Socket Welded
- 驅動方式: 可裝配氣動執行器和電動執行器



型號: BVB-131DT

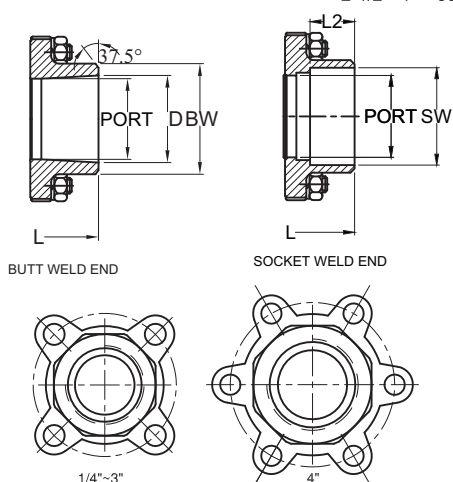
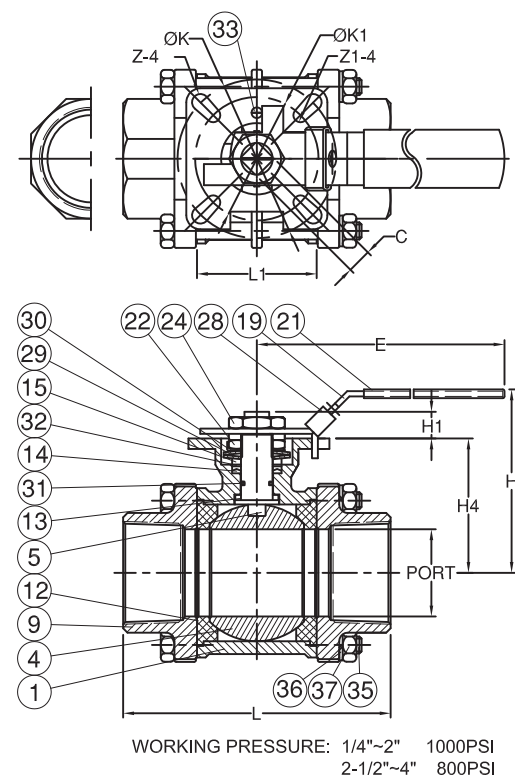
MATERIALS LIST

NO.	PART NAME	MATERIAL
1	BODY	ASTM A351 Gr.CF8M
4	BALL	ASTM A351 Gr.CF8M
5	STEM	SS316
9	END CAP	ASTM A351 Gr.CF8M
12	SEAT	PTFE+50%SS
13	THRUST WASHER	RTFE.
14	STEM PACKING	15%Carbon.
15	GLAND BUSH	SS304
19	HANDLE	SS304
21	HANDLE COVER	VINYL GRIP
22	STEM NUT	SS304
24	HANDLE NUT	SS304
28	LOCKING PAD	SS304
29	BELLEVILLE WASHER	SUS301
30	TAB WASHER	SS304
31	O-RING	VITON
32	PACKING FOLLWER	PTFE.+25%G.F.
33	STOP PIN	SS304
35	BODY BOLT	SS304
36	BOLT WASHER	SS304
37	BOLT NUT	SS304

DIMENSIONS

unit: mm

SIZE	PORT	ØD	L	E	H	H1	H4	C	ØK	ØK1	Z-4	Z1-4	BW	L1	SW	L2	
DN8	1/4"	11.0	11.0	63.5	112.0	73.0	8.5	37.0	9.0	50.0	36.0	7.0	6.0	13.7	22.5	14.2	10.0
DN10	3/8"	12.5	12.5	63.5	112.0	73.0	8.5	37.0	9.0	50.0	36.0	7.0	6.0	17.1	22.5	17.5	10.0
DN15	1/2"	15.0	15.8	63.5	112.0	73.0	8.5	37.0	9.0	50.0	36.0	7.0	6.0	21.3	22.5	21.8	10.0
DN20	3/4"	20.0	20.9	72.5	112.0	80.8	8.5	45.0	9.0	50.0	36.0	7.0	6.0	26.7	27.5	27.4	13.0
DN25	1"	25.0	26.6	81.0	136.0	90.5	9.5	53.5	9.0	50.0	36.0	7.0	6.0	33.4	34.0	34.1	13.0
DN32	1 1/4"	32.0	35.1	94.5	185.0	98.7	9.5	59.0	9.0	50.0	36.0	7.0	6.0	42.2	42.5	42.7	13.0
DN40	1 1/2"	38.1	40.9	108.0	197.9	115.3	14.0	74.8	14.0	70.0	50.0	9.0	7.0	48.3	52.0	49.0	13.0
DN50	2"	50.0	52.5	121.5	197.9	124.0	13.7	83.5	14.0	70.0	50.0	9.0	7.0	60.3	63.5	61.2	16.0
DN65	2 1/2"	62.7	62.7	157.5	267.0	155.0	18.0	108.8	17.0	102.0	70.0	11.0	9.0	73.0	85.5	77.0	16.0
DN80	3"	77.9	77.9	190.0	267.0	164.5	18.0	118.3	17.0	102.0	70.0	11.0	9.0	88.9	102.0	90.2	16.0
DN100	4"	100.0	102.3	225.0	322.0	216.7	18.0	153.8	17.0	102.0	70.0	11.0	9.0	114.3	128.5	115.3	22.0



BVB-131DT/B/S 訂貨說明

訂貨示例：

螺紋式 BVB-131DT-1/4PT-XXXX-000

對焊式 BVB-131DB-1/4PT-XXXX-000

承插焊式 BVB-131DS-1/4PT-XXXX-000

球閥類型	接口尺寸	螺紋形式	内部代碼	閥體材質	中軸+球材質	閥座材質				
BVB -131DT	1/4	PT	XXXX	0	0	0				
BVB -131DT	1/4	PT		0	CF8M	0	SUS316	0	PTFE	-15°C-150°C
BVB -131DB	3/8	NPT		1	CF8	1	SUS304	1	PTFE+15%GL	-20°C-180°C
BVB -131DS	1/2	G		2	CF3M	2	SUS316L	2	PTFE+50%SS	-28°C-220°C
	3/4	Rp		3	CF3	3	SUS304L	3	TFM1600	-57°C-180°C
	1	...		4	WCB			4	MG1241	-45°C-200°C
	1-1/4							8	TFM4215	-60°C-200°C
	1-1/2									
	2									
	2-1/2									
	3									
	4									

- 選型注意事項：
1. 此球閥公稱壓力1000PSI, 請根據球閥設計壓力和最大工作壓力權衡選擇；
 2. 請根據閥體，中軸，鋼球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
 3. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇；
 4. 此球閥含ISO5211平台，可加配電動執行器或氣動執行器，具體請諮詢供應商。

BVB-132三片式不銹鋼球閥

產品特徵:

SPECIFICATIONS

*公稱壓力: 1/4" ~ 1" PN140 bar

1-1/4" ~ 2" PN100 bar

2-1/2" ~ 4" PN63 bar

Working Pressure: 1/4" ~ 1" 2000PSI

1-1/4" ~ 2" 1500PSI

2-1/2" ~ 4" 1000PSI

*適用溫度範圍: -15 ~ 150°C (PTFE)

Temperature Range: -15 ~ 150°C(PTFE)

*連接形式: 內螺紋、對焊、承插焊

End Types: Female Threaded、Butt Welded、Socket Welded

*掛鎖裝置 Locking Device

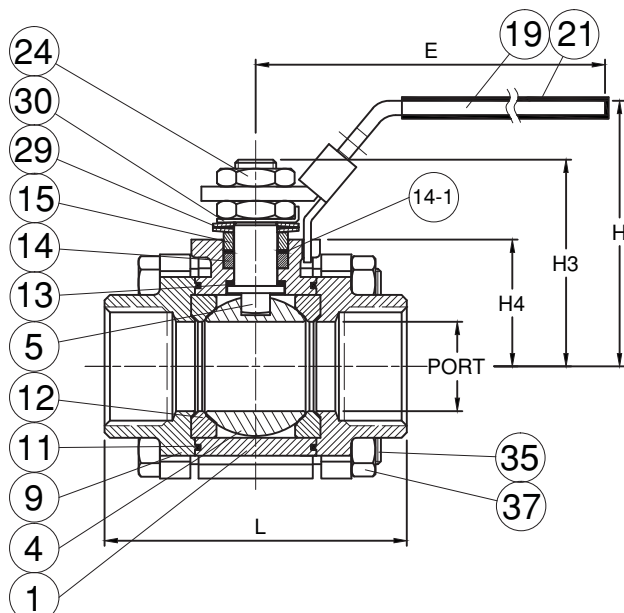
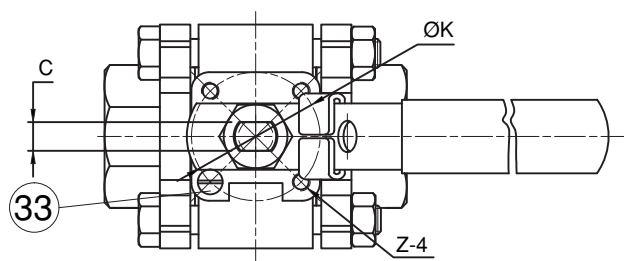
*防爆中軸設計, 防靜電裝置(可選)

Blow-Out Proof Stem Design, Antistatic Device

*精密鑄造 Investment Casting



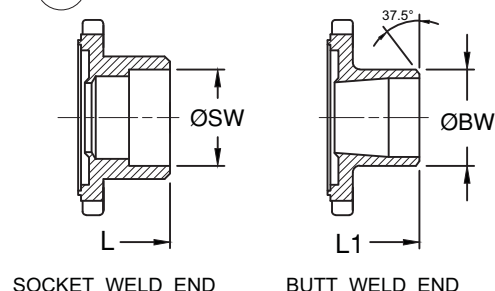
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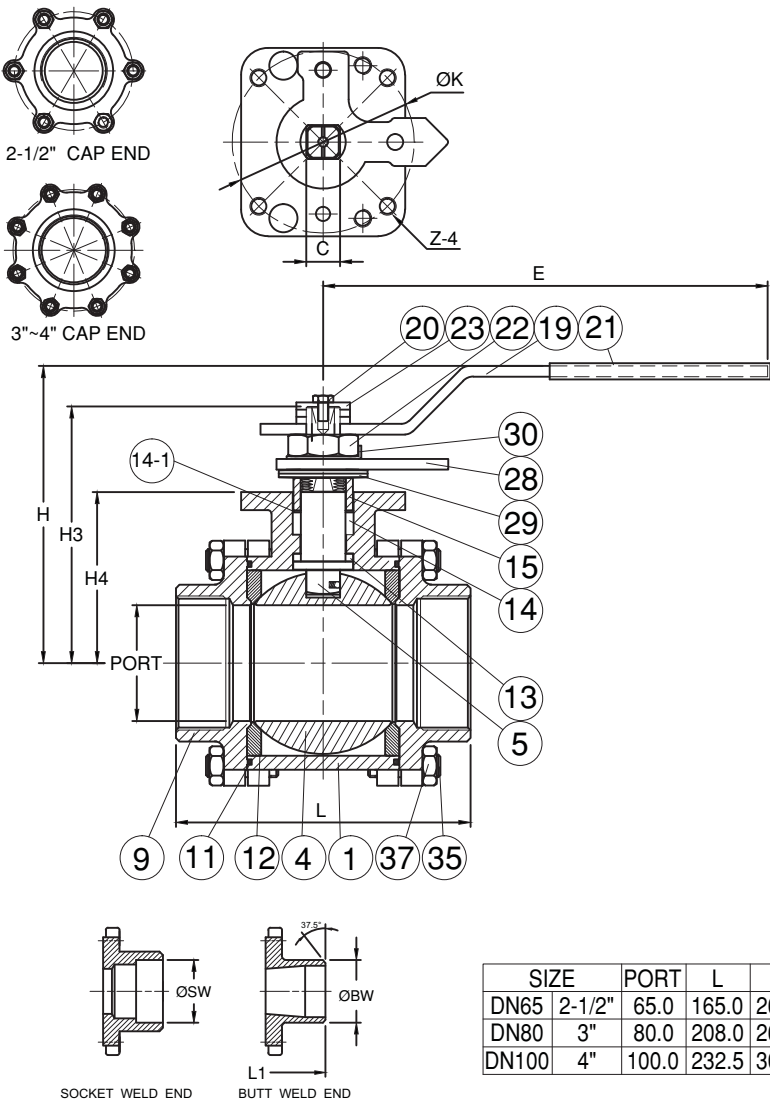
MATERIAL LIST

NO.	PART NAME	MATERIAL
1	BODY	ASTM A351 Gr.CF8M
4	BALL	ASTM A351 Gr.CF8M
5	STEM	SS316
9	END CAP	ASTM A351 Gr.CF8M
11	BODY SEAL	PTFE.
12	SEAT	RTFE.
13	THRUST WASHER	RTFE.
14	STEM PACKING	RTFE.
14-1	STEM PACKING	PTFE+25%G.F.
15	GLAND	SS304
19	HANDLE	SS304
21	HANDLE COVER	PLASTIC
24	HANDLE NUT	SS304
29	BELLEVILLE WASHER	SUS301
30	TAB WASHER	SS304
33	STOP PIN	SS304
35	BODY BLOT	SS304
37	BLOT NUT	SS304

DIMENSION



												Unit: mm	
SIZE	PORT	L	E	H	H3	H4	C	ØK	Z-4	L1	BW	SW	
DN8	1/4"	11.5	56.1	102.0	64.0	46.9	31.6	5.0	36.0	M5xP0.8	62.5	13.7	14.2
DN10	3/8"	12.5	56.1	102.0	64.0	46.9	31.6	5.0	36.0	M5xP0.8	62.5	17.1	17.5
DN15	1/2"	15.0	68.0	102.0	64.0	46.9	31.6	5.0	36.0	M5xP0.8	66.1	21.3	21.8
DN20	3/4"	20.0	76.1	102.0	67.0	50.2	33.8	5.0	36.0	M5xP0.8	77.1	26.7	27.4
DN25	1"	25.0	84.6	145.0	76.0	56.0	35.5	8.0	42.0	M5xP0.8	83.6	33.4	34.1
DN32	1 1/4"	32.0	98.1	145.0	80.0	61.3	40.3	8.0	42.0	M5xP0.8	96.1	42.2	42.7
DN40	1 1/2"	38.0	111.2	162.0	92.0	75.0	46.5	10.0	50.0	M6xP1.0	107.2	48.3	49.0
DN50	2"	50.0	126.7	162.0	101.0	83.0	55.5	10.0	50.0	M6xP1.0	118.5	60.3	61.0



MATERIAL LIST

NO.	PART NAME	MATERIAL
1	BODY	ASTM A351 Gr.CF8M
4	BALL	ASTM A351 Gr.CF8M
5	STEM	SS316
9	END CAP	ASTM A351 Gr.CF8M
11	BODY SEAL	PTFE.
12	SEAT	RTFE.
13	THRUST WASHER	RTFE.
14	STEM PACKING	RTFE.
14-1	THRUST WASHER	PTFE.
15	GLAND BUSH	SS304
19	HANDLE	SS304
20	SET SCREW	SS304
21	HANDLE COVER	PLASTIC
22	STEM NUT	SS304
23	HANDLE WASHER	SS304
28	STOP PLATE	SS304
29	BELLEVILLE WASHER	SS301
30	TAB WASHER	SS304
35	BODY BLOT	SS304
37	BLOT NUT	SS304

DIMENSION

unit:mm

SIZE	PORT	L	E	H	H3	H4	C	ØK	Z-4	L1	SW	BW	
DN65	2-1/2"	65.0	165.0	265.0	168.0	144.0	96.0	18.9	102.0	M10xP1.5	156.5	77.0	73.0
DN80	3"	80.0	208.0	265.0	176.6	152.6	104.5	18.9	102.0	M10xP1.5	185.2	90.2	89.0
DN100	4"	100.0	232.5	300.0	200.0	167.8	119.7	18.9	102.0	M10xP1.5	219.0	115.5	114.3

BVB-132T/B/S 訂貨說明

訂貨示例：

螺紋式 BVB-132T-1/4NPT-XXXX-000

對焊式 BVB-132B-1/4-XXXX-000

承插焊式 BVB-132S-1/4-XXXX-000

球閥類型	接口尺寸	螺紋形式	內部代碼	閥體材質	中軸 + 球材質	閥座材質				
BVB-132T	1/4	NPT	XXXX	0	0	0				
BVB-132B	1/4	PT		0	CF8M	0	SUS316	0	PTFE	-15°C-150°C
BVB-132S	3/8	NPT		1	CF8	1	SUS304	1	PTFE+15%GL	-20°C-180°C
	1/2	G		2	CF3M	2	SUS316L	2	PTFE+50%SS	-28°C-220°C
	3/4	Rp		3	CF3	3	SUS304L	3	TFM1600	-57°C-180°C
	1	...		4	WCB			4	MG1241	-45°C-200°C
	1-1/4							5	PEEK	-20°C-260°C
	1-1/2							8	TFM4215	-60°C-200°C
	2									
	2-1/2									
	3									
	4									

選型注意事項：1. 閥體，中軸，球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
2. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇。

BVB-132D三片式不銹鋼球閥

產品特徵:

SPECIFICATIONS

*公稱壓力: 1/4" ~ 1" PN140 bar

1-1/4" ~ 2" PN100 bar

2-1/2" ~ 4" PN63 bar

Working Pressure: 1/4" ~ 1" 2000PSI

1-1/4" ~ 2" 1500PSI

2-1/2" ~ 4" 1000PSI

*適用溫度範圍: -15 ~ 150°C (PTFE)

Temperature Range: -15 ~ 150°C(PTFE)

*連接形式: 內螺紋、對焊、承插焊

End Types: Female Threaded, Butt Welded, Socket Welded

*掛鎖裝置 Locking Device

*ISO5211直接安裝執行器機構平臺設計

ISO5211 Direct-Mounting of Actuators of Valves Design

*防爆中軸設計, 防靜電裝置

Blow-Out Proof Stem Design, Antistatic Device

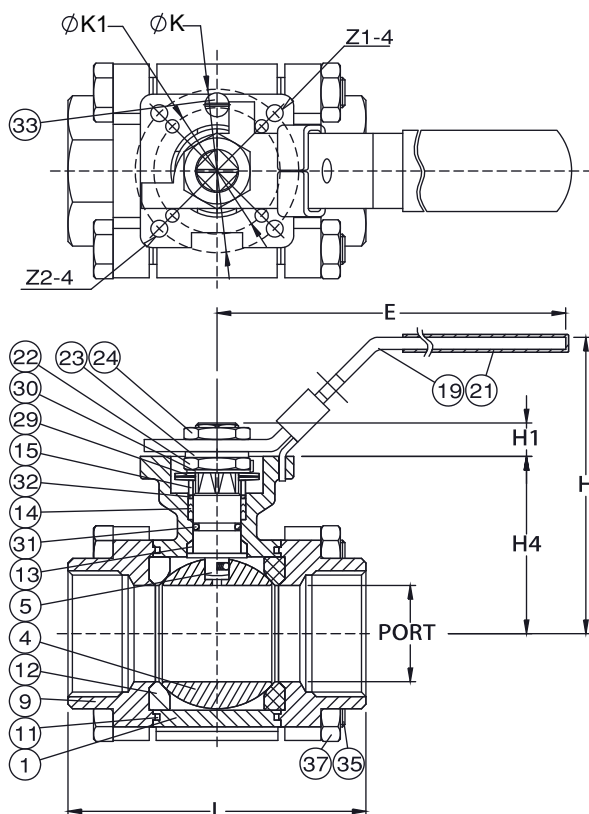
*精密鑄造 Investment Casting



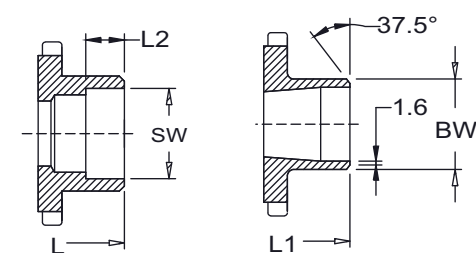
型號: BVB-132D

MATERIAL LIST

NO.	PART NAME	MATERIAL
1	BODY	ASTM A351 Gr.CF8M
4	BALL	ASTM A351 Gr.CF8M
5	STEM	SUS316
9	END CAP	ASTM A351 Gr.CF8M
11	BODY SEAL	PTFE
12	SEAT	RTFE
13	THRUST WASHER	RTFE
14	STEM PACKING	RTFE
15	GLAND BUSH	SUS304
19	HANDLE	SUS304
21	HANDLE COVER	PLASTIC
22	STEM NUT	SUS304
23	HANDLE WASHER	SUS304
24	HANDLE NUT	SUS304
29	BELLEVILLE WASHER	SUS301
30	TAB WASHER	SUS304
31	STEM O-RING	VITON
32	PACKING FOLLOWER	PTFE+25%GF
33	STOP PIN	SUS304
35	BODY BLOT	SUS304
37	BOLT NUT	SUS304



DESIGN DESCRIPTION:
THREAD TYPE: PT, PF, NPT

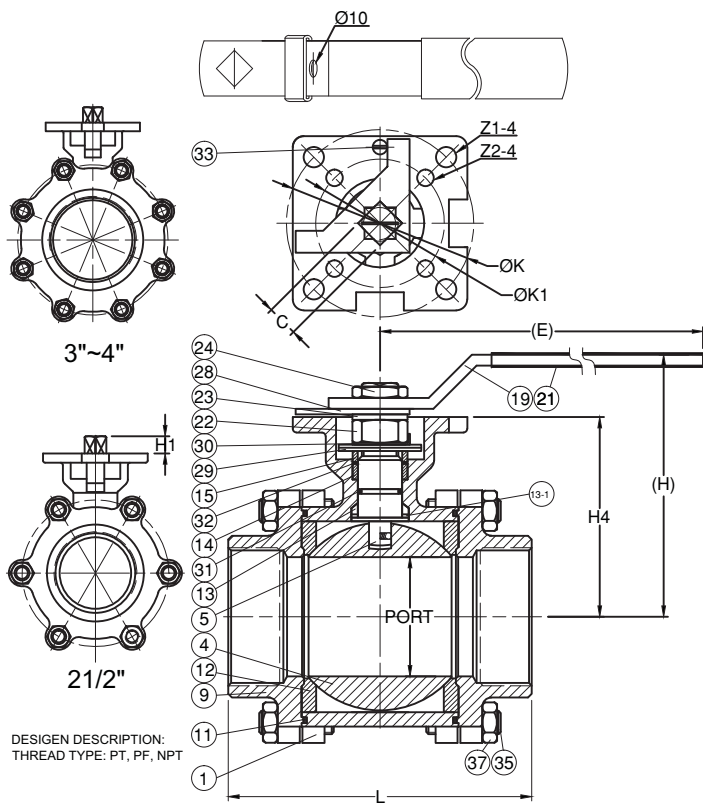


SOCKET WELD END BUTT WELD END

DIMENSION

Unit: mm

SIZE	PORT	L	L1	L2	E	H	H1	H4	C	K	K1	Z1-4	Z2-4	SW	BW	
DN8	1/4"	11.5	67.9	62.5	10.0	112.0	77.9	8.0	42.0	9.0	50.0	36.0	7.0	6.0	14.2	13.7
DN10	3/8"	12.5	67.9	62.5	10.0	112.0	77.9	8.0	42.0	9.0	50.0	36.0	7.0	6.0	17.5	17.1
DN15	1/2"	15.0	67.9	66.1	10.0	112.0	77.9	8.0	42.0	9.0	50.0	36.0	7.0	6.0	21.8	21.3
DN20	3/4"	20.0	76.1	77.1	13.0	112.0	81.8	8.5	45.0	9.0	50.0	36.0	7.0	6.0	27.4	26.7
DN25	1"	25.0	84.6	83.6	13.0	136.0	90.5	9.5	53.5	9.0	50.0	36.0	7.0	6.0	34.1	33.4
DN32	1 1/4"	32.0	98.1	96.1	13.0	185.0	98.0	9.5	59.0	9.0	50.0	36.0	7.0	6.0	42.7	42.2
DN40	1 1/2"	38.0	111.2	107.2	13.0	197.9	114.7	14.0	74.8	14.0	70.0	50.0	9.0	7.0	49.0	48.3
DN50	2"	50.0	126.7	118.5	16.0	197.9	124.0	13.7	83.5	14.0	70.0	50.0	9.0	7.0	61.2	60.3

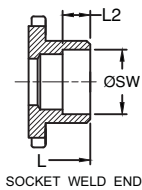


MATERIAL LIST

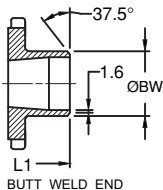
NO.	PART NAME	MATERIAL
1	BODY	ASTM A351 Gr.CF8M
4	BALL	ASTM A351 Gr.CF8M
5	STEM	SS316
9	END CAP	ASTM A351 Gr.CF8M
11	BODY SEAL	GRAPHITE
12	SEAT	RTFE.
13	THRUST WASHER	GRAPHITE
13-1	THRUST WASHER	PTFE.+25%GF
14	STEM PACKING	GRAPHITE
15	GLAND BUSH	SS304
19	HANDLE	SS304
21	HANDLE COVER	PLASTIC
22	STEM NUT	SS304
23	HANDLE WASHER	SS304
24	HANDLE NUT	SS304
28	STOP PLATE	SS304
29	BELLEVILLE WASHER	SUS301
30	TAB WASHER	SS304
31	STEM O-RING	VITON
32	PACKING FOLLOWER	PTFE.+25%GF
33	STOP PIN	SS304
35	BODY BLOT	SS304
37	BOLT NUT	SS304

DIMENSION

unit:mm



SOCKET WELD END



BUTT WELD END

SIZE		PORT	L	L1	L2	E	H	H1	H4	C	K	K1	Z1-4	Z2-4	SW	BW
DN65	21/2"	65.0	162.9	156.1	16.0	267.0	151.2	18.0	108.8	17.0	102.0	70.0	11.0	9.0	77.0	73.0
DN80	3"	80.0	206.0	184.8	16.0	267.0	160.7	17.0	118.3	17.0	102.0	70.0	11.0	9.0	90.2	88.9
DN100	4"	100.0	229.5	219.0	20.0	322.0	211.2	18.0	153.8	17.0	102.0	70.0	11.0	9.0	115.5	114.3

BVB-132D訂貨說明

訂貨示例:

螺紋式 BVB-132DT-1/4NPT-XXXX-000

對焊式 BVB-132DB-1/4-XXXX-000

承插焊式 BVB-132DS-1/4-XXXX-000

球閥類型	接口尺寸	螺紋形式	內部代碼	閥體材質	中軸+球材質	閥座材質				
BVB-132DT	1/4	NPT	XXXX	0	0	0				
BVB-132DB	1/4	PT		0	CF8M	0	SUS316	0	PTFE	-15°C-150°C
BVB-132DS	3/8	NPT		1	CF8	1	SUS304	1	PTFE+15%GL	-20°C-180°C
	1/2	G		2	CF3M	2	SUS316L	2	PTFE+50%SS	-28°C-220°C
	3/4	Rp		3	CF3	3	SUS304L	3	TFM1600	-57°C-180°C
	1	...		4	WCB			4	MG1241	-45°C-200°C
	1-1/4							5	PEEK	-20°C-260°C
	1-1/2							8	TFM4215	-60°C-200°C
	2									
	2-1/2									
	3									
	4									

選型注意事項: 1. 閥體, 中軸, 球材質的選擇, 請參考不鏽鋼對介質的耐腐性能;
2. 閥座材質的選擇: 請結合介質種類, 溫度, 壓力, 球閥開關頻次, 綜合選擇。

BVR-133(136)T/B/S三片式不銹鋼高壓球閥

產品特徵:

SPECIFICATIONS

*公稱壓力: 1/4" ~2" 420kgf/cm²(BVR-136)

1/4" ~2" 210kgf/cm²(BVR-133)

Working Pressure: 1/4" ~2" 6000PSI(BVR-136)

1/4" ~2" 3000PSI(BVR-133)

*適用溫度範圍: -20 ~ 260°C (PEEK)

Temperature Range: -20 ~ 260°C(PEEK)

*防爆中軸 Blow-Out Proof Stem Design

*防火安全设计 Fire safe

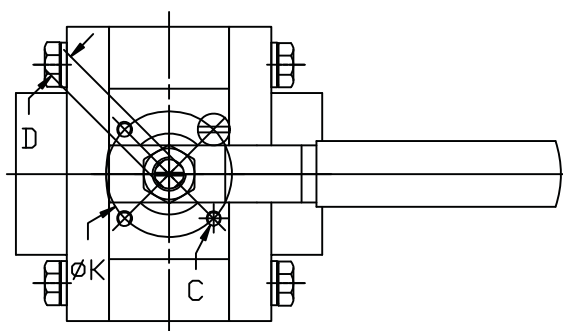
*连接形式: 内螺纹/对焊/承插焊

End Types: Female Threaded/Butt Weld/Socket Weld

注: 如需全通徑高壓球閥或者金屬硬密封高壓球閥, 請另行詢價。



型號: BVR-136(133)T/B/S



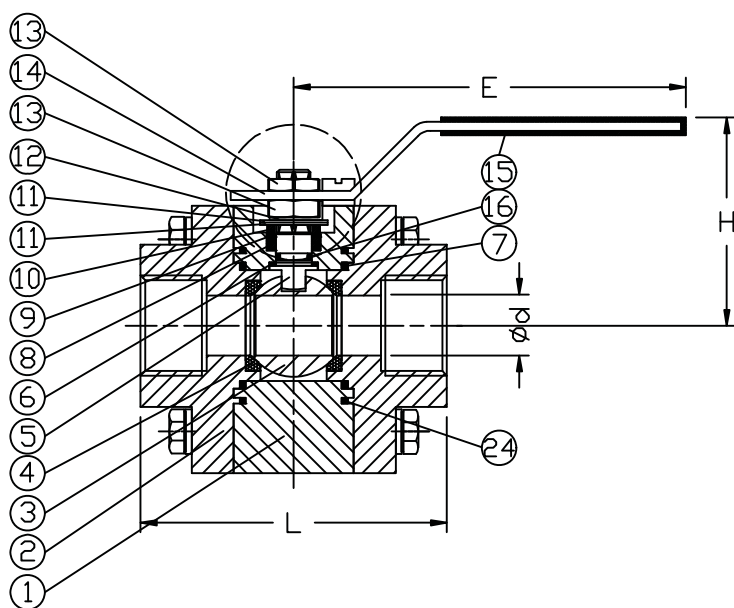
MATERIALS LIST

No.	PART NAME	MATERIALS
1	BODY	AISI316
2	CAP	AISI316
3	BALL	ASTM A351 Gr.CF8M
4	BALL SEATS	Derlin/PEEK
5	STEM	17-4PH
6	THRUST WASHER	Derlin/PEEK
7	END SEALS	Derlin/Grophite
8	STEM PACKING	25% Carbon Filled
9	THRUST WASHER	TFM1600
10	GLAND BUSH	SS304
11	BELLEVILLE WASAER	SUS304-CSP
12	STOP	SS304
13	HANDLE NUT	SS304
14	HANDLE	SS304
15	HANDLE SLEEVE	VINYL GRIP
16	O-RING	VITON
24	END SEALS	PTFE

DIMENSION

unit: mm

SIZE	d	L	E	H	D	K	C
1/4"	9.5	85	151	61	9	36	M5
3/8"	11.6	85	151	61	9	36	M5
1/2"	12.5	85	151	61	9	36	M5
3/4"	16	89	151	67	9	42	M5
1"	20	102	183	81	9	42	M5
1-1/4"	25	111	183	97	11	42	M5
1-1/2"	32	119	285	113	14	50	M6
2"	38	126	285	117	14	50	M6



BVR-136訂貨說明

訂貨示例：

螺紋式 BVR-136T-1/4NPT-XXXX-545

球閥類型	接口尺寸	螺紋形式	內部代碼	閥體材質	中軸+球材質	閥座材質
BVR-136T	1/4	NPT	XXXX	5	4	5
BVR-133T	1/4	BSPT		5 SUS316	4 17-4PH/SUS316	5 PEEK -20°C-260°C
BVR-136T	3/8	NPT		6 SUS304	5 17-4PH/SUS304	6 METAL TO METAL
	1/2	G		7 A105		7 DERLIN -40°C-80°C
	3/4	Rp				
	1	...				
	1-1/4					
	1-1/2					
	2					

對焊式 BVR-136B-1/4-XXXX-545

球閥類型	接口尺寸	內部代碼	閥體材質	中軸+球材質	閥座材質
BVR-136B	1/4	XXXX	5	4	5
BVR-133B	1/4		5 SUS316	4 17-4PH/SUS316	5 PEEK -20°C-260°C
BVR-136B	3/8		6 SUS304	5 17-4PH/SUS304	6 METAL TO METAL
	1/2		7 A105		7 DERLIN -40°C-80°C
	3/4				
	1				
	1-1/4				
	1-1/2				
	2				

承插焊式 BVR-136S-1/4-XXXX-545

球閥類型	接口尺寸	內部代碼	閥體材質	中軸+球材質	閥座材質
BVR-136S	1/4	XXXX	5	4	5
BVR-133S	1/4		5 SUS316	4 17-4PH/SUS316	5 PEEK -20°C-260°C
BVR-136S	3/8		6 SUS304	5 17-4PH/SUS304	6 METAL TO METAL
	1/2		7 A105		7 DERLIN -40°C-80°C
	3/4				
	1				
	1-1/4				
	1-1/2				
	2				

- 選型注意事項：
1. 閥體，中軸，球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
 2. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇。

BVB-11DF-PN16/40夾片式法蘭球閥

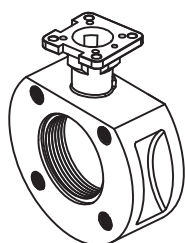
產品特徵:

SPECIFICATIONS

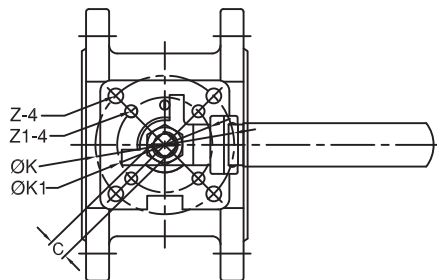
- *公稱壓力: 1/2" ~ 2" PN16/40 2-1/2" ~ 4" PN16
Working Pressure: 1/2" ~ 2" PN16/40 2-1/2" ~ 2" PN16
- *適用溫度範圍: -15 ~ 150°C(PTFE)
Temperature Range: -15 ~ 150°C(PTFE)
- *防爆中軸 Blow-Out-Proof Stem Design
- *防靜電裝置 Antistatic Device
- *法蘭標準: DIN2633/2635
Flange Dimensions: DIN2633/2635
- *精密鑄造 Investment Casting
- *固溶化處理 Solution Treatment
- *全流量 Full port
- *操作方式: 手柄/執行器
Operator: Lever/Actuator



型號: BVB-11DF-PN16/40



DN15~DN25 BODY



MATERIALS LIST

NO.	PART NAME	MATERIAL	Q'TY
1	BODY	1.4408 / EN1503-1	1
4	BALL	CF8M / EN1503-2	1
5	STEM	SS316	1
9	INSERT CAP	1.4408 / EN1503-1	1
11	BODY SEAL	PTFE.	1
12	SEAT	RTFE.	2
13	THRUST WASHER	PTFE.	1
14	STEM PACKING	PTFE.	1 SET
15	GLAND BUSHING	SS304	1
19	HANDLE	SS304	1
21	HANDLE COVER	PLASTIC	1
23	HANDLE WASHER	SS304	1
24	HANDLE NUT	SS304	2
28	LOCKING PAD	SS304	1
29	BELLEVILLE WASHER	SS301	2
30	TAB WASHER	SS304	1
31	STEM O-RING	VITON	1
33	STOP PIN	SS304	1

FLANGE DIMENSION: EN1092-1

DIMENSIONS

																	Unit:mm
SIZE	PORT	L	E	H	H1	H4	C	ØG	ØJ	ØI	T	F	MxØN	ØK	ØK1	Z-4	Z1-4
DN15	1/2"	15	43.0	112	85	8.50	50.5	9.0	95	65	45	7.0	2	4xM12-P1.75	36	6	6
DN20	3/4"	20	44.0	112	90	8.50	57	9.0	105	75	58	7.0	2	4xM12-P1.75	36	6	6
DN25	1"	25	51.0	136	102	10.5	62	9.0	115	85	68	7.5	2	4xM12-P1.75	50	36	7
DN32	1 1/4"	32	56.0	185	112	11.4	71.5	9.0	140	100	78	18.0	2	4xM16-P2.0	50	36	7
DN40	1 1/2"	38	65.0	198	118	14.0	86	14.0	150	110	88	18.0	3	4xM16-P2.0	70	50	9
DN50	2"	50	80.0	198	126	13.7	93	14.0	165	125	102	20.0	3	4xM16-P2.0	70	50	9
DN65	2 1/2"	64	102.0	267	150	18.0	105	17.0	185	145	122	18.0	3	4xM16-P2.0	102	70	12
DN80	3"	76	122.0	267	160	18.0	115	17.0	200	160	138	20.0	3	8xM16-P2.0	102	70	12
DN100	4"	96	153.0	322	196	18.0	132	17.0	220	180	158	20.0	3	8xM16-P2.0	102	70	12

BVB-11DF-PN16/40訂貨說明

訂貨示例：

BVB-11DF-PN16-15-XXXX-000

球閥類型	接口尺寸	內部代碼	閥體材質	中軸+球材質	閥座材質
BVB-11DF-PN16	15	XXXX	0	0	0
BVB-11DF-PN16	15		0	0	0
BVB-11DF-PN40	20		0	0	0
	25		0	0	0
	32		0	0	0
	40		0	0	0
	50		0	0	0
	65		0	0	0
	80		0	0	0
	100		0	0	0

- 選型注意事項：
1. 閥體，中軸，球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
 2. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇；
 3. 如需要V型球閥需與廠商確認選型。

FBVB-12F-PN16/PN40 (防火) 二片式德標法蘭球閥

產品特徵:

SPECIFICATIONS

- *公稱壓力: 1/2" ~6" PN16/40 8" PN16
Working Pressure: 1/2" ~6" PN16/40 8" PN16
- *適用溫度範圍: -15 ~ 150°C(PTFE)
Temperature Range: -15 ~ 150°C(PTFE)
- *防爆中軸 Blow-Out-Proof Stem Design
- *防靜電裝置 Antistatic Device
- *防火設計 FIRE SAFE DESIGN
- *精密鑄造 固溶化處理
Investment Casting Solution Treatment
- *ISO5211安裝執行器平臺設計
ISO5211 Direct-Mounting of Actuators of Valves Design
- *設計標準: EN12516-1
Design Standard: EN12516-1
- *結構長度: DIN 3202 F4/F5
Face to Face: DIN3202 F4/F5
- *法蘭尺寸: EN 1092-1
Flange End: EN 1092-1
- *全流量 Full port
- *操作方式: 手柄/執行器
Operator: Lever/Actuator

注: 更高溫度, 需要更換密封閥座, 請另行諮詢
驅動方式: 可裝配氣動執行器和電動執行器



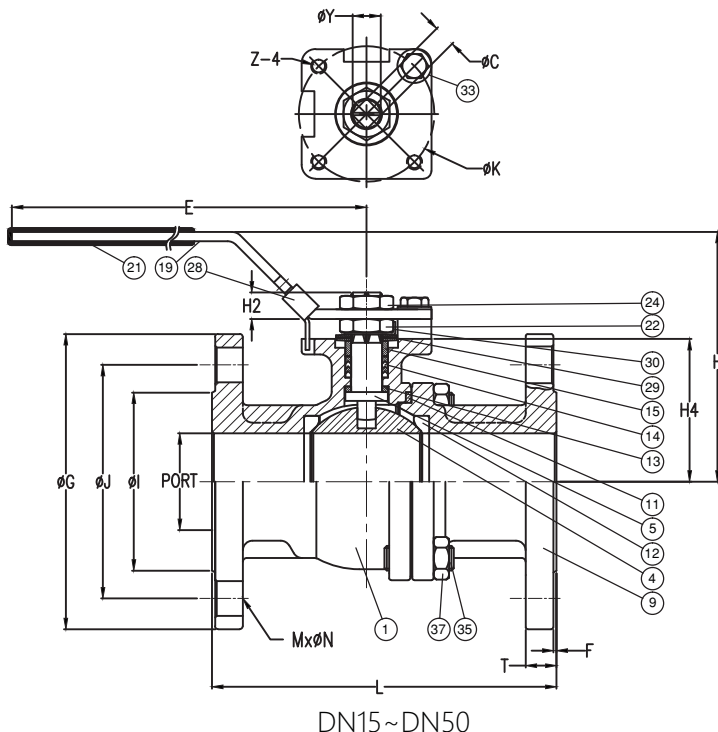
型號: FBVB-12F-PN16/PN40

MATERIALS LIST

NO.	PART NAME	MATERIAL		QTY
1	BODY	1.4408/EN1503-1	1.0619/EN1503-1	1
4	BALL	SS316	SS304	1
5	STEM	SS316	SS304	1
9	END CAP	1.4408/EN1503-1	1.0619/EN1503-1	1
11	BODY SEAL	PTFE.		1
12	SEAT	RTFE.		2
13	THRUST WASHER	PTFE.		1
14	STEM PACKING	PTFE.		1SET
15	GLAND BUSH	SS304		1
19	HANDLE	SS304		1
21	HANDLE COVER	PLASTIC		1
22	STEM NUT	SS304		1
24	HANDLE NUT	SS304		1
28	LOCKING PAD	SS304		1
29	BELLEVILLE WASHER	SUS301		2
30	TAB WASHER	SS304		1
33	STOP PIN	SS304		1
35	BODY BOLT	ASTM A193 Gr.B8	ASTM A193 Gr.B7	4
37	BOLT NUT	ASTM A193 Gr.8	ASTM A193 Gr.2HM	4

FLANGE DIMENSION: EN 1092-1

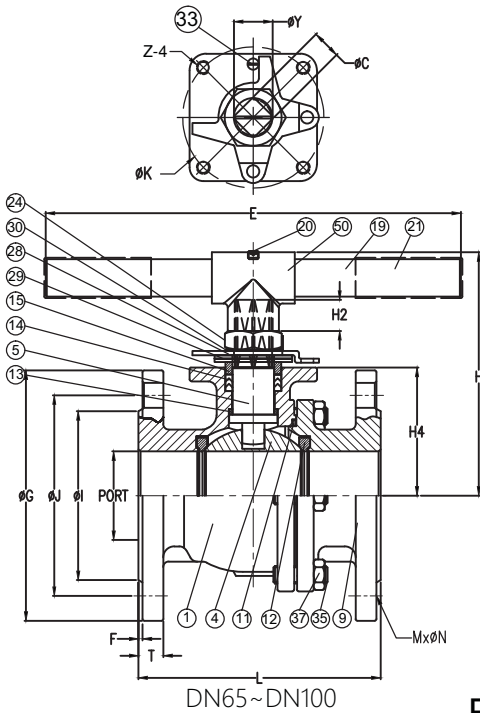
FACE TO FACE: DIN 3202



PN16/PN40 DIMENSIONS

SIZE		PORT	L	E	H	H2	H4	C	Y	G	J	I	T	F	M	N	K	Z
DN15	1/2"	15.0	115.0	132.0	80.0	8.5	38.5	9.0	11.2	95.0	65.0	45.0	16.0	2.0	4	14.0	42.0	M5*0.8P
DN20	3/4"	20.0	120.0	132.0	84.5	8.5	42.5	9.0	11.2	105.0	75.0	58.0	18.0	2.0	4	14.0	42.0	M5*0.8P
DN25	1"	25.0	125.0	166.0	102.0	12.0	52.0	11.0	14.3	115.0	85.0	68.0	18.0	2.0	4	14.0	50.0	M6*1.0P
DN32	1 1/4"	32.0	130.0	166.0	105.0	12.0	56.0	11.0	14.3	140.0	100.0	78.0	18.0	2.0	4	18.0	50.0	M6*1.0P
DN40	1 1/2"	38.0	140.0	198.0	125.0	12.0	65.3	14.0	18.0	150.0	110.0	88.0	18.0	2.0	4	18.0	70.0	M8*1.25P
DN50	2"	50.0	150.0	198.0	132.0	12.0	73.8	14.0	18.0	165.0	125.0	102.0	20.0	2.0	4	18.0	70.0	M8*1.25P

unit:mm



MATERIALS LIST

NO.	PART NAME	MATERIAL		Q'TY
1	BODY	1.4408/EN1503-1	1.0619/EN1503-1	1
4	BALL	SS316	SS304	1
5	STEM	SS316	SS304	1
9	END CAP	1.4408/EN1503-1	1.0619/EN1503-1	1
11	BODY SEAL	PTFE.		1
12	SEAT	RTFE.		2
13	THRUST WASHER	PTFE.		1
14	STEM PACKING	PTFE.		1SET
15	GLAND BUSH	SS304		1
19	HANDLE	LRON		1
20	SET BOLT	SS304		2
21	HANDLE COVER	PLASTIC		1~2
24	HANDLE NUT	SS304		1
28	STOP PLATE	SS304		1
29	BELLEVILLE WASHER	SUS301		2
30	TAB WASHER	SS304		1
33	STOP PIN	SS304		1
35	BODY BOLT	ASTM A193 Gr.B8	ASTM A193 Gr.B7	6~8
37	BOLT NUT	ASTM A193 Gr.8	ASTM A193 Gr.2HM	6~8
50	HANDLE ADAPTER	ASTM A351 Gr.Cf8		1

FLANGE DIMENSION: EN 1092-1
FACE TO FACE: DIN 3202

PN16 DIMENSIONS

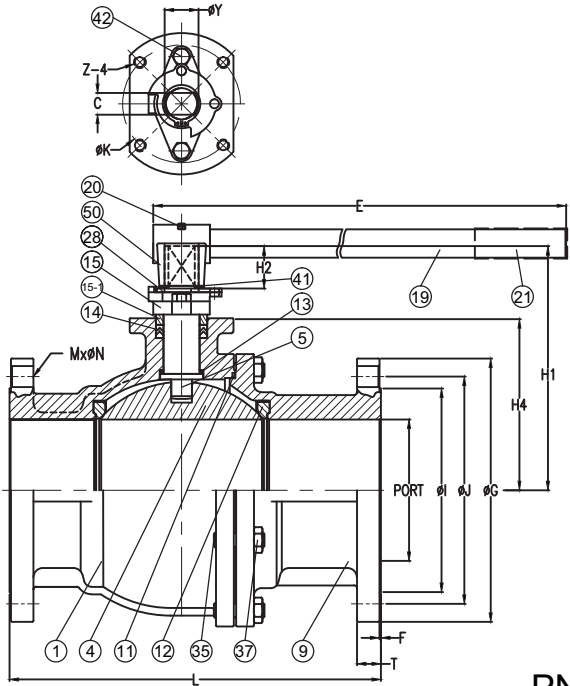
unit:mm

SIZE	PORT	L	E	H	H2	H4	C	Y	G	J	I	T	F	M	N	K	Z	
DN65	21/2"	64.0	170.0	300.0	178.0	23.0	92.5	17.0	22.3	185.0	145.0	122.0	18.0	2.0	4	18.0	102.0	M10*1.5P
DN80	3"	76.0	180.0	300.0	188.0	23.0	101.7	17.0	22.3	200.0	160.0	138.0	20.0	2.0	8	18.0	102.0	M10*1.5P
DN100	4"	100.0	190.0	450.0	202.0	23.0	119.0	17.0	22.3	220.0	180.0	158.0	20.0	2.0	8	18.0	102.0	M10*1.5P

PN40 DIMENSIONS

unit:mm

SIZE	PORT	L	E	H	H2	H4	C	Y	G	J	I	T	F	M	N	K	Z	
DN65	21/2"	64.0	170.0	300.0	178.0	23.0	92.5	17.0	22.3	185.0	145.0	122.0	22.0	2.0	8	18.0	102.0	M10*1.5P
DN80	3"	76.0	180.0	300.0	188.0	23.0	101.7	17.0	22.3	200.0	160.0	138.0	24.0	2.0	8	18.0	102.0	M10*1.5P
DN100	4"	100.0	190.0	450.0	202.0	23.0	119.0	17.0	22.3	235.0	190.0	158.0	24.0	2.0	8	22.0	102.0	M10*1.5P



MATERIALS LIST

NO.	PART NAME	MATERIAL		Q'TY
1	BODY	1.4408/EN1503-1	1.0619/EN1503-1	1
4	BALL	SS316	SS304	1
5	STEM	SS316	SS304	1
9	END CAP	1.4408/EN1503-1	1.0619/EN1503-1	1
11	BODY SEAL	PTFE.		1
12	SEAT	PTFE.+15%G.F.		2
13	THRUST WASHER	PTFE.		1
14	STEM PACKING	PTFE.		1SET
15	GLAND	SS.304	1.0619/EN1503-1	1
15-1	GLAND BUSH	SS304		1
19	HANDLE	LRON		1
20	SET BOLT	SS304		1
21	HANDLE COVER	PLASTIC		1
28	STOP PLATE	SS304		1
35	BODY BOLT	ASTM A193 Gr.B8	ASTM A193 Gr.B7	8
37	BOLT NUT	ASTM A194 Gr.8	ASTM A193 Gr.2HM	8
41	SNAP RING	SS304		1
42	GLAND BOLT	SS304		2
50	HANDLE ADAPTER	SS.304		1

FLANGE DIMENSION: EN 1092-1
FACE TO FACE: DIN 3202

PN16 DIMENSIONS

unit:mm

SIZE	PORT	L	E	H1	H2	H4	C	Y	G	J	I	T	F	M	N	K	Z	
DN125	5"	125.0	325.0	600.0	239.0	45.0	163.0	23.0	36.0	250.0	210.0	188.0	22.0	2.0	8	18.0	125	M12*1.75P
DN150	6"	150.0	350.0	800.0	258.5	45.0	182.5	23.0	36.0	285.0	240.0	212.0	22.0	2.0	8	22.0	125	M12*1.75P
DN200	8"	200.0	400.0	800.0	285.0	45.0	211.5	23.0	36.0	340.0	295.0	270.0	24.0	2.0	12	22.0	125	M12*1.75P

PN40 DIMENSIONS

unit:mm

SIZE	PORT	L	E	H1	H2	H4	C	Y	G	J	I	T	F	M	N	K	Z	
DN125	5"	125.0	325.0	600.0	239.0	45.0	163.0	23.0	36.0	270.0	220.0	188.0	26.0	2.0	8	26.0	125	M12*1.75P
DN150	6"	150.0	350.0	800.0	258.5	45.0	182.5	23.0	36.0	300.0	250.0	218.0	28.0	2.0	8	26.0	125	M12*1.75P

FBVB-12F-PN16/PN40 訂貨說明

訂貨示例：

FBVB-12F-PN16-1/2-XXXX-000

球閥類型	接口尺寸	內部代碼	閥體材質	中軸+球材質	閥座材質	
FBVB-12F-PN16	1/2	XXXX	0	0	0	
FBVB-12F-PN16	1/2		0	SUS316	0	PTFE -15°C-150°C
FBVB-12F-PN40	3/4		1	SUS304	1	PTFE+15%GL -20°C-180°C
	1		2	SUS316L	2	PTFE+50%SS -28°C-220°C
	1-1/2		3	SUS304L	3	TFM1600 -57°C-180°C
	2		4	WCB	4	MG1241 -45°C-200°C
	2-1/2				5	PEEK -20°C-260°C
	3				8	TFM4215 -60°C-200°C
	4					
	5					
	6					

選型注意事項：1. 閥體，中軸，球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
2. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇；

FBVB-12F-150(防火) 二片式美標低平台法蘭球閥

產品特徵:

SPECIFICATIONS

- *公稱壓力: 1/2" ~8" CLASS150
Working Pressure: 1/2" ~8" CLASS150
 - *適用溫度範圍: -15 ~ 150°C (PTFE)
Temperature Range: -15 ~ 150°C(PTFE)
 - *防爆中軸 Blow-Out-Proof Stem Design
 - *防靜電裝置 Antistatic Device
 - *精密鑄造 固溶處理 Investment Casting Solution Treatment
 - *ISO5211安裝執行器平臺設計
ISO5211 Direct-Mounting of Actuators of Valves Design
 - *設計標準: ANSI B16.34
Design Standard: ANSI B16.34
 - *結構長度: ANSI B16.10
Face to Face: ANSI B16.10
 - *法蘭尺寸: ANSI B16.5 CLASS150
Flange End:ANSI B16.5 CLASS150
 - *全流量 Full port
 - *防火設計 FIRE SAFE DESIGN
 - *操作方式: 手柄
Operator: Lever
- 注: 更高溫度, 需要密封閥座, 請另行諮詢。

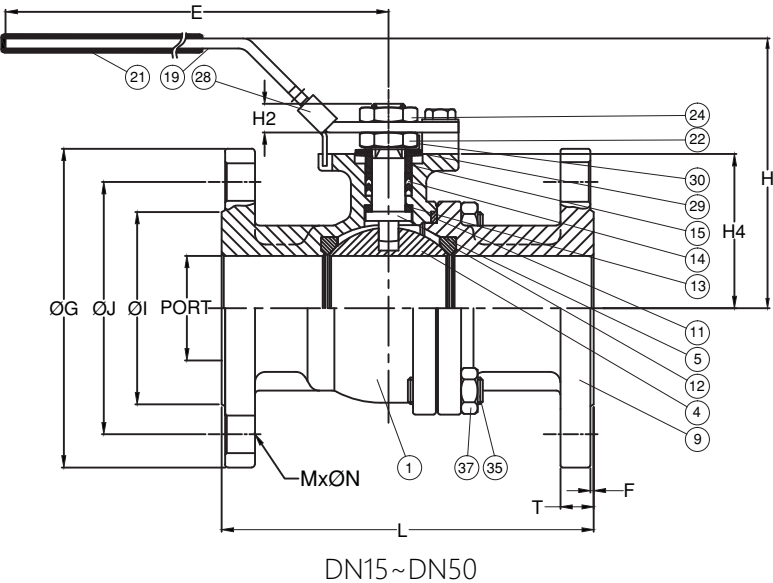
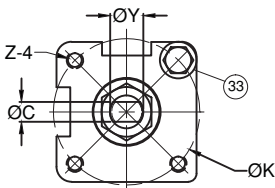


型號: FBVB-12F-150

MATERIALS LIST

NO.	PART NAME	MATERIAL		QTY
1	BODY	ASTM A351 Gr.CF8M	ASTM A216 Gr.WCB	1
4	BALL	ASTM A351 Gr.CF8M	ASTM A351 Gr.CF8	1
5	STEM	SS316	SS304	1
9	END CAP	ASTM A351 Gr.CF8M	ASTM A216 Gr.WCB	1
11	BODY SEAL	PTFE.		1
12	SEAT	RTFE.		2
13	THRUST WASHER	PTFE.		1
14	STEM PACKING	PTFE.		1SET
15	GLAND BUSH	SS304		1
19	HANDLE	SS304		1
21	HANDLE COVER	PLASTIC		1
22	STEM NUT	SS304		1
24	HANDLE NUT	SS304		1
28	LOCKING PAD	SS304		1
29	BELLEVILLE WASHER	SUS301		2
30	TAB WASHER	SS304		1
33	STOP PIN	SS304		1
35	BODY BOLT	ASTM A193 Gr.B8	ASTM A193 Gr.B7	4
37	BOLT NUT	ASTM A193 Gr.8	ASTM A194 Gr.2HM	4

FLANGE DIMENSION: ASME B16.5
FACE TO FACE: ASME B16.10

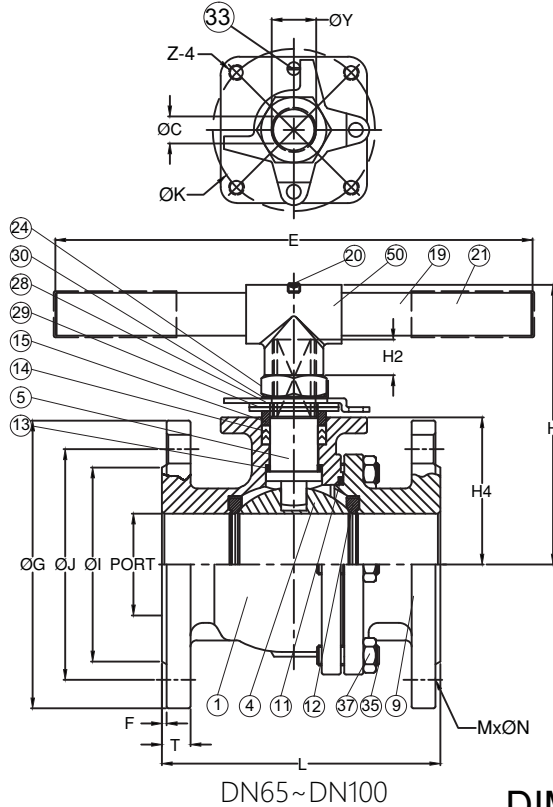


DIMENSIONS

SIZE		PORT	L	E	H	H2	H4	C	ØY	ØG	ØJ	ØI	T	F	M	ØN	ØK	Z
DN15	1/2"	15.0	108.0	132.0	80.0	8.5	38.5	6.4	9.6	89.0	60.5	35.0	11.2	1.6	4	16.0	42.0	M5*0.8P
DN20	3/4"	20.0	117.0	132.0	84.5	8.5	42.5	6.4	9.6	98.6	70.0	43.0	12.7	1.6	4	16.0	42.0	M5*0.8P
DN25	1"	25.0	127.0	166.0	102.0	12.0	52.0	8.0	11.2	108.0	79.2	51.0	14.3	1.6	4	16.0	50.0	M6*1.0P
DN32	1 1/4"	32.0	140.0	166.0	105.0	12.0	56.0	8.0	11.2	117.5	88.9	63.5	15.9	1.6	4	16.0	50.0	M6*1.0P
DN40	1 1/2"	38.0	165.0	198.0	125.0	12.0	65.3	9.5	16.0	127.0	98.6	73.2	17.5	1.6	4	16.0	70.0	M8*1.25P
DN50	2"	50.0	178.0	198.0	132.0	12.0	73.8	9.5	16.0	152.5	120.7	92.0	19.1	1.6	4	19.0	70.0	M8*1.25P

unit:mm

MATERIALS LIST



NO.	PART NAME	MATERIAL		Q'TY
1	BODY	ASTM A351 Gr.CF8M	ASTM A216 Gr.WCB	1
4	BALL	ASTM A351 Gr.CF8M	ASTM A351 Gr.CF8	1
5	STEM	SS316	SS304	1
9	END CAP	ASTM A351 Gr.CF8M	ASTM A216 Gr.WCB	1
11	BODY SEAL	PTFE.		1
12	SEAT	RTFE.		2
13	THRUST WASHER	PTFE.		1
14	STEM PACKING	PTFE.		1SET
15	GLAND BUSH	SS304		1
19	HANDLE	LRON		1
20	SET BOLT	SS304		2
21	HANDLE COVER	PLASTIC		1~2
24	HANDLE NUT	SS304		1
28	STOP PLATE	SS304		1
29	BELLEVILLE WASHER	SUS301		2
30	TAB WASHER	SS304		1
33	STOP PIN	SS304		1
35	BODY BOLT	ASTM A193 Gr.B8	ASTM A193 Gr.B7	6~8
37	BOLT NUT	ASTM A193 Gr.8	ASTM A194 Gr.2HM	6~8
50	HANDLE ADAPTER	ASTM A351 Gr.CF8		1

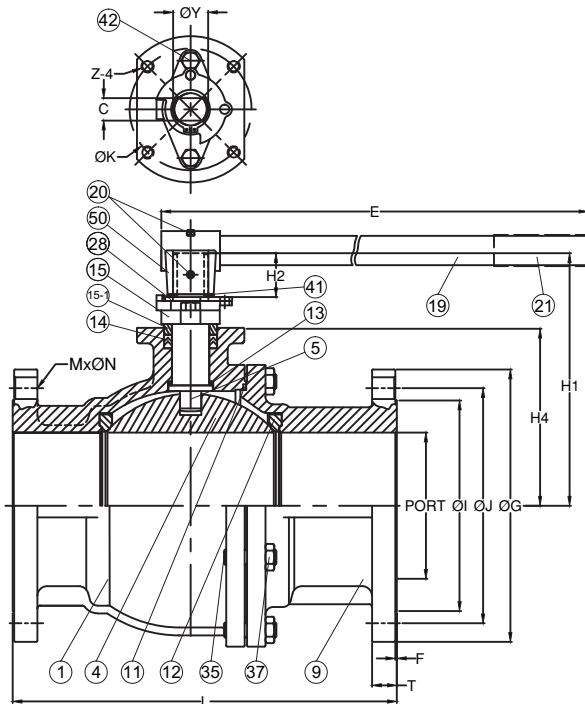
FLANGE DIMENSION: ASME B16.5

FACE TO FACE: ASME B16.10

DIMENSIONS

unit:mm																	
SIZE	PORT	L	E	H	H2	H4	C	ØY	ØG	ØJ	ØI	T	F	M	ØN	ØK	Z
DN65	21/2"	64.0	190.0	300.0	178.0	23.0	92.5	17.0	28.0	177.8	139.7	104.7	23.3	1.6	4	19.0	M10*1.5P
DN80	3"	76.0	203.0	300.0	188.0	23.0	101.7	17.0	28.0	190.5	152.4	127.0	23.9	1.6	4	19.0	M10*1.5P
DN100	4"	100.0	229.0	450.0	202.0	23.0	119.0	17.0	28.0	228.6	191.0	157.2	23.9	1.6	8	19.0	M10*1.5P

MATERIALS LIST



NO.	PART NAME	MATERIAL		Q'TY
1	BODY	ASTM A351 Gr.CF8M	ASTM A216 Gr.WCB	1
4	BALL	ASTM A351 Gr.CF8M	ASTM A351 Gr.CF8	1
5	STEM	SS316	SS304	1
9	END CAP	ASTM A351 Gr.CF8M	ASTM A216 Gr.WCB	1
11	BODY SEAL	PTFE.		1
12	SEAT	RTFE.		2
13	THRUST WASHER	PTFE.		1
14	STEM PACKING	PTFE.		1SET
15	GLAND	ASTM A351 Gr.CF8	ASTM A216 Gr.WCB	1
15-1	GLAND BUSH	SS304		1
19	HANDLE	LRON		1
20	SET BOLT	SS304		2
21	HANDLE COVER	PLASTIC		1
28	STOP PLATE	SS304		1
35	BODY BOLT	ASTM A193 Gr.B8	ASTM A193 Gr.B7	8
37	BOLT NUT	ASTM A194 Gr.8	ASTM A194 Gr.2HM	8
41	SNAP RING	SS304		1
42	GLAND BOLT	SS304		2
50	HANDLE ADAPTER	ASTM A351 Gr.CF8		1

FLANGE DIMENSION: ASME B16.5

FACE TO FACE: ASME B16.10

DIMENSIONS

unit:mm																	
SIZE	PORT	L	E	H1	H2	H4	C	ØY	ØG	ØJ	ØI	T	F	M	ØN	ØK	Z
DN125	5"	125.0	356.0	600.0	239.0	45.0	163.0	23.0	36.0	254.0	216.0	186.0	24.0	1.6	8	Ø22.3	125 M12*1.75P
DN150	6"	150.0	394.0	800.0	258.5	45.0	182.5	23.0	36.0	279.4	241.3	216.0	25.4	1.6	8	Ø22.3	125 M12*1.75P
DN200	8"	200.0	457.0	800.0	285.0	45.0	211.5	23.0	36.0	342.9	298.5	270.0	28.5	1.6	8	Ø22.3	125 M12*1.75P

FBVB-12F-150訂貨說明

訂貨示例：

FBVB-12F-150-1/2-XXXX-000

球閥類型	接口尺寸	內部代碼	閥體材質	中軸+球材質	閥座材質			
FBVB-12F-150	1/2	XXXX	0	0	0			
FBVB-12F-150	1/2		0	CF8M	0	PTFE	-15°C-150°C	
	3/4		1	CF8	1	PTFE+15%GL	-20°C-180°C	
	1		2	CF3M	2	PTFE+50%SS	-28°C-220°C	
	1-1/2		3	CF3	3	TFM1600	-57°C-180°C	
	2		4	WCB		4	MG1241	-45°C-200°C
	2-1/2					5	PEEK	-20°C-260°C
	3					8	TFM4215	-60°C-200°C
	4							
	5							
	6							
	8							

選型注意事項：1. 閥體，中軸，球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
2. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇；

FBVB-12F-300(防火) 二片式美標低平台法蘭球閥

產品特徵:

SPECIFICATIONS

*公稱壓力: 1/2" ~ 6" CLASS300

Working Pressure: 1/2" ~ 6" CLASS300

*適用溫度範圍: -15 ~ 150°C (PTFE)

Temperature Range: -15 ~ 150°C(PTFE)

*防爆中軸 Blow-Out-Proof Stem Design

*防靜電裝置 Antistatic Device

*精密鑄造 固溶化處理

Investment Casting Solution Treatment

*ISO5211安裝執行器平臺設計

ISO5211 Direct-Mounting of Actuators of Valves Design

*防火設計 FIRE SAFE DESIGN

*設計標準: ANSI B16.34

Design Standard: ANSI B16.34

*結構長度: ANSI B16.10

Face to Face: ANSI B16.10

*法蘭尺寸: ANSI B16.5 CLASS300

*全流量 Full port

*操作方式: 手柄/ Operator: Lever

注: 更高溫度, 需要更換密封閥座, 請另行諮詢。



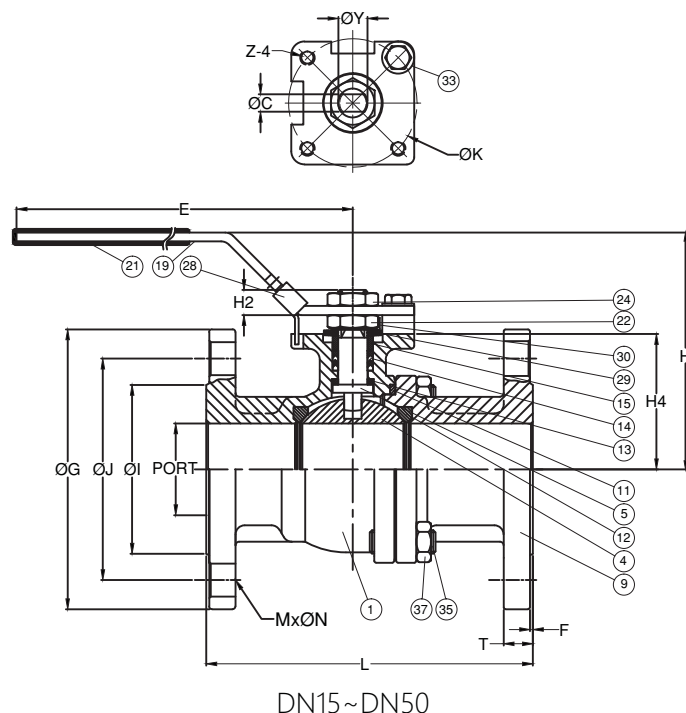
型號: FBVB-12F-300

MATERIALS LIST

NO.	PART NAME	MATERIAL		Q'TY
1	BODY	ASTM A351 Gr.CF8M	ASTM A216 Gr.WCB	1
4	BALL	ASTM A351 Gr.CF8M	ASTM A351 Gr.CF8	1
5	STEM	SS316	SS304	1
9	END CAP	ASTM A351 Gr.CF8M	ASTM A216 Gr.WCB	1
11	BODY SEAL	PTFE		1
12	SEAT	RTFE		2
13	THRUST WASHER	PTFE		1
14	STEM PACKING	PTFE		1SET
15	GLAND BUSH	SS304		1
19	HANDLE	SS304		1
21	HANDLE COVER	PLASTIC		1
22	STEM NUT	SS304		1
24	HANDLE NUT	SS304		1
28	LOCKING PAD	SS304		1
29	BELLEVILLE WASHER	SS301		2
30	TAB WASHER	SS304		1
33	STOP PIN	SS304		1
35	BODY BOLT	ASTM A193 Gr.B8	ASTM A193 Gr.B7	4
37	BOLT NUT	ASTM A193 Gr.8	ASTM A193 Gr.2HM	4

FLANGE DIMENSION: ASME B16.5

FACE TO FACE: ASME B16.10



DIMENSIONS

unit:mm

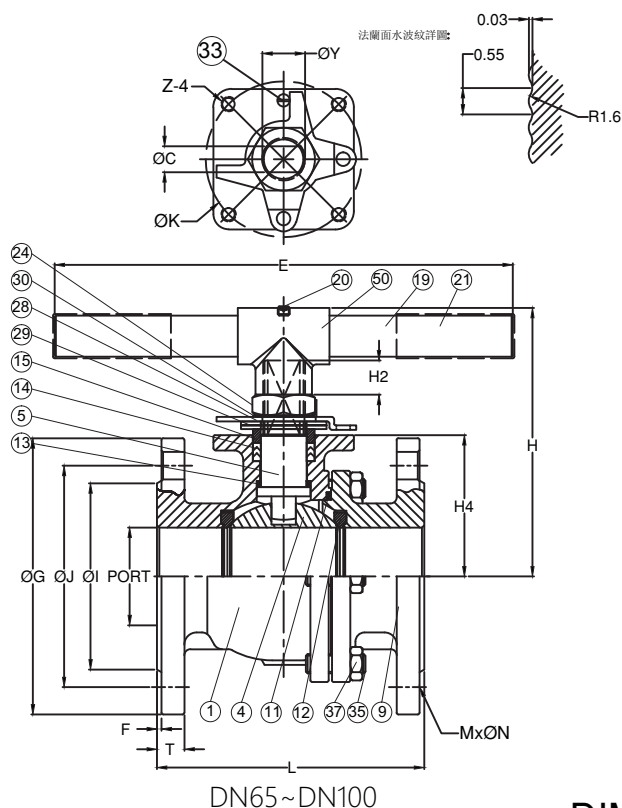
SIZE	PORT	L	E	H	H2	H4	C	ØY	ØG	ØJ	ØI	T	F	M	ØN	ØK	Z
1/2"	15.0	140.0	132.0	80.0	8.5	38.5	6.4	9.6	95.3	66.5	35.0	14.3	1.6	4	16.0	42.0	M5*0.8P
3/4"	20.0	152.0	132.0	84.5	8.5	42.5	6.4	9.6	117.4	82.6	43.0	15.9	1.6	4	19.1	42.0	M5*0.8P
1"	25.0	165.0	166.0	102.0	12.0	52.0	8.0	11.2	124.0	88.9	51.0	17.5	1.6	4	19.1	50.0	M6*1.0P
1 1/4"	32.0	178.0	166.0	105.0	12.0	56.0	8.0	11.2	133.4	98.6	63.5	19.1	1.6	4	19.1	50.0	M6*1.0P
1 1/2"	38.0	190.0	198.0	125.0	12.0	65.3	9.5	16.0	155.5	114.3	73.2	20.7	1.6	4	22.3	70.0	M8*1.25P
2"	50.0	216.0	198.0	132.0	12.0	73.8	9.5	16.0	165.1	127.0	92.0	22.3	1.6	8	19.1	70.0	M8*1.25P

MATERIALS LIST

NO.	PART NAME	MATERIAL		QTY
1	BODY	ASTM A351 Gr.CF8M	ASTM A216 Gr.WCB	1
4	BALL	ASTM A351 Gr.CF8M	ASTM A351 Gr.CF8	1
5	STEM	SS316	SS304	1
9	END CAP	ASTM A351 Gr.CF8M	ASTM A216 Gr.WCB	1
11	BODY SEAL	PTFE.		1
12	SEAT	RTFE.		2
13	THRUST WASHER	PTFE.		1
14	STEM PACKING	PTFE.		1SET
15	GLAND BUSH	SS304		1
19	HANDLE	LRON		1
20	SET BOLT	SS304		2
21	HANDLE COVER	PLASTIC		1~2
24	HANDLE NUT	SS304		1
28	STOP PLATE	SS304		1
29	BELLEVILLE WASHER	SS301		2
30	TAB WASHER	SS304		1
33	STOP PIN	SS304		1
35	BODY BOLT	ASTM A193 Gr.B8	ASTM A193 Gr.B7	6~8
37	BOLT NUT	ASTM A193 Gr.8	ASTM A193 Gr.2HM	6~8
50	HANDLE ADAPTER	ASTM A351 Gr.CF8		1

FLANGE DIMENSION: ASME B16.5

FACE TO FACE: ASME B16.10



DIMENSIONS

unit:mm

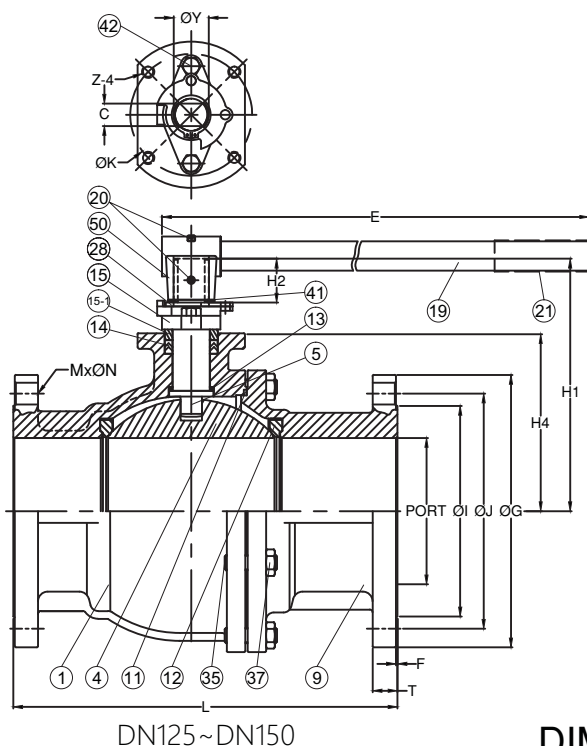
SIZE		PORT	L	E	H	H2	H4	C	ØY	ØG	ØJ	ØI	T	F	M	ØN	ØK	Z
DN65	21/2"	64.0	241.0	300.0	178.0	23.0	92.5	17.0	28.0	190.5	149.4	104.7	25.4	1.6	8	22.3	102.0	M10*1.5P
DN80	3"	76.0	283.0	300.0	188.0	23.0	101.7	17.0	28.0	209.6	168.1	127.0	28.6	1.6	8	22.3	102.0	M10*1.5P
DN100	4"	100.0	305.0	450.0	202.0	23.0	119.0	17.0	28.0	254.0	200.2	157.2	31.8	1.6	8	22.3	102.0	M10*1.5P

MATERIALS LIST

NO.	PART NAME	MATERIAL		QTY
1	BODY	ASTM A351 Gr.CF8M	ASTM A216 Gr.WCB	1
4	BALL	ASTM A351 Gr.CF8M	ASTM A351 Gr.CF8	1
5	STEM	SS316	SS304	1
9	END CAP	ASTM A351 Gr.CF8M	ASTM A216 Gr.WCB	1
11	BODY SEAL	PTFE.		1
12	SEAT	RTFE.		2
13	THRUST WASHER	PTFE.		1
14	STEM PACKING	PTFE.		1SET
15	GLAND	ASTM A351 Gr.CF8	ASTM A216 Gr.WCB	1
15-1	GLAND BUSH	SS304		1
19	HANDLE	LRON		1
20	SET BOLT	SS304		2
21	HANDLE COVER	PLASTIC		1
28	STOP PLATE	SS304		1
35	BODY BOLT	ASTM A193 Gr.B8	ASTM A193 Gr.B7	8
37	BOLT NUT	ASTM A194 Gr.8	ASTM A193 Gr.2HM	8
41	SNAP RING	SS304		1
42	GLAND BOLT	SS304		2
50	HANDLE ADAPTER	ASTM A351 Gr.CF8		1

FLANGE DIMENSION: ASME B16.5

FACE TO FACE: ASME B16.10



DIMENSIONS

unit:mm

SIZE	PORT	L	E	H1	H2	H4	C	ØY	ØG	ØJ	ØI	T	F	M	ØN	ØK	Z	
DN125	5"	125.0	381.0	600.0	239.0	45.0	163.0	23.0	36.0	279.4	235.0	186.0	35.0	1.6	8	Ø22.3	125	M12*1.75P
DN150	6"	150.0	403.0	800.0	258.5	45.0	182.5	23.0	36.0	317.5	269.8	216.0	36.6	1.6	12	Ø22.3	125	M12*1.75P

FBVB-12F-300訂貨說明

訂貨示例：

FBVB-12F-300-1/2-XXXX-000

球閥類型	接口尺寸	內部代碼	閥體材質	中軸+球材質	閥座材質		
FBVB-12F-300	1/2	XXXX	0	0	0		
FBVB-12F-300	1/2		0	CF8M	0	PTFE	-15°C-150°C
	3/4		1	CF8	1	PTFE+15%GL	-20°C-180°C
	1		2	CF3M	2	PTFE+50%SS	-28°C-220°C
	1-1/2		3	CF3	3	TFM1600	-57°C-180°C
	2		4	WCB	4	MG1241	-45°C-200°C
	2-1/2				5	PEEK	-20°C-260°C
	3				8	TFM4215	-60°C-200°C
	4						
	5						
	6						

選型注意事項：1. 閥體，中軸，球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
2. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇；

BVB-12F-600 二片式美標低平台法蘭球閥

產品特徵:

SPECIFICATIONS

- *公稱壓力: 1/2" ~4" CLASS600
Working Pressure: 1/2" ~4" CLASS600
 - *適用溫度範圍: -15 ~ 150°C (PTFE)
Temperature Range: -15 ~ 150°C(PTFE)
 - *防爆中軸 Blow-Out-Proof Stem Design
 - *防靜電裝置 Antistatic Device
 - *精密鑄造 固溶化處理
Investment Casting Solution Treatment
 - *ISO5211安裝執行器平臺設計
ISO5211 Direct-Mounting of Actuators of Valves Design
 - *設計標準: ANSI B16.34
Design Standard: ANSI B16.34
 - *結構長度: ANSI B16.10
Face to Face: ANSI B16.10
 - *法蘭尺寸: ANSI B16.5 CLASS600
 - *全流量 Full port
 - *操作方式: 手柄/ Operator: Lever
- 注: 更高溫度, 需要更換密封閥座, 請另行諮詢。

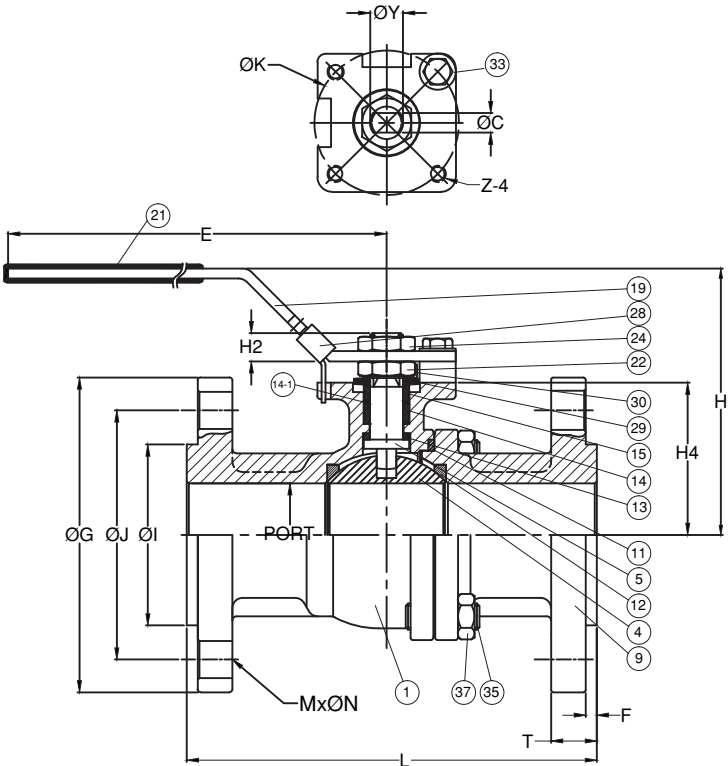


型號: BVB-12F-600

MATERIALS LIST

NO.	PART NAME	MATERIAL		QTY
1	BODY	ASTM A351 Gr.CF8M	ASTM A216 Gr.WCB	1
4	BALL	ASTM A351 Gr.CF8M	ASTM A351 Gr.CF8	1
5	STEM	SS316	SS304	1
9	END CAP	ASTM A351 Gr.CF8M	ASTM A216 Gr.WCB	1
11	BODY SEAL	PTFE.		1
12	SEAT	RTFE.		2
13	THRUST WASHER	RTFE.		1
14	STEM PACKING	RTFE.		1SET
14-1	STEM PACKING	PTFE+25%G.F.		1
15	GLAND BUSH	SS304		1
19	HANDLE	SS304		1
21	HANDLE COVER	PLASTIC		1
22	STEM NUT	SS304		1
24	HANDLE NUT	SS304		1
28	LOCKING PAD	SS304		1
29	BELLEVILLE WASHER	SS301		2
30	TAB WASHER	SS304		1
33	STOP PIN	SS304		1
35	BODY BOLT	ASTM A193 Gr.B8	ASTM A193 Gr.B7	4
37	BOLT NUT	ASTM A193 Gr.8	ASTM A193 Gr.2HM	4

FLANGE DIMENSION: ASME B16.5-2003
FACE TO FACE: ASME B16.10-2000

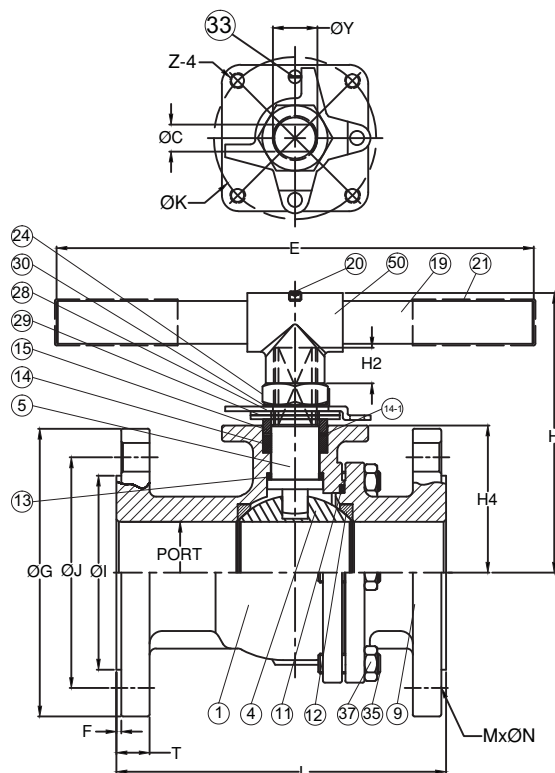


DN15~DN50

DIMENSIONS

unit:mm

SIZE	PORT	L	E	H	H2	H4	C	ØY	ØG	ØJ	ØI	T	F	M	ØN	ØK	Z
1/2"	15.0	165.0	132.0	80.0	8.5	38.5	6.4	9.6	95.0	66.7	35.0	21.3	7	4	16.0	42.0	M5*0.8P
3/4"	20.0	190.0	132.0	84.5	8.5	42.5	6.4	9.6	115.0	82.6	43.0	22.9	7	4	19.1	42.0	M5*0.8P
1"	25.0	216.0	166.0	102.0	12.0	52.0	8.0	11.2	125.0	88.9	51.0	24.5	7	4	19.1	50.0	M6*1.0P
1 1/4"	32.0	229.0	166.0	105.0	12.0	56.0	8.0	11.2	135.0	98.4	63.5	27.7	7	4	19.1	50.0	M6*1.0P
1 1/2"	38.0	241.0	198.0	125.0	12.0	65.3	9.5	16.0	155.0	114.3	73.2	29.3	7	4	22.3	70.0	M8*1.25P
2"	50.0	292.0	198.0	132.0	12.0	73.8	9.5	16.0	165.0	127.0	92.0	32.4	7	8	19.1	70.0	M8*1.25P



DN65~DN100

DIMENSIONS

SIZE		PORT	L	E	H	H2	H4	C	ØY	ØG	ØJ	ØI	T	F	M	ØN	ØK	Z
DN65	21/2"	64.0	330.0	300.0	178.0	23.0	92.5	17.0	28.0	190.0	149.2	104.7	35.6	7.0	8	22.3	102.0	M10*1.5P
DN80	3"	76.0	356.0	300.0	188.0	23.0	101.7	17.0	28.0	210.0	168.3	127.0	38.8	7.0	8	22.3	102.0	M10*1.5P
DN100	4"	100.0	432.0	450.0	202.0	23.0	119.0	17.0	28.0	275.0	215.9	157.5	45.1	7.0	8	25.4	102.0	M10*1.5P

unit:mm

MATERIALS LIST

NO.	PART NAME	MATERIAL	QTY
1	BODY	ASTM A351 Gr.CF8M	1
4	BALL	ASTM A351 Gr.CF8M	1
5	STEM	SS316	1
9	END CAP	ASTM A351 Gr.CF8M	1
11	BODY SEAL	PTFE.	1
12	SEAT	RTFE.	2
13	THRUST WASHER	RTFE.	1
14	STEM PACKING	RTFE.	1SET
14-1	STEM PACKING	PTFE+25%G.F.	1
15	GLAND BUSH	SS304	1
19	HANDLE	LRON	1
20	SET BOLT	SS304	2
21	HANDLE COVER	PLASTIC	1~2
24	HANDLE NUT	SS304	1
28	STOP PLATE	SS304	1
29	BELLEVILLE WASHER	SS301	2
30	TAB WASHER	SS304	1
33	STOP PIN	SS304	1
35	BODY BOLT	ASTM A193 Gr.B8	6~8
37	BOLT NUT	ASTM A193 Gr.8	6~8
50	HANDLE ADAPTER	ASTM A351 Gr.CF8	1

FLANGE DIMENSION: ASME B16.5-2003

FACE TO FACE: ASME B16.10-2000

BVB-12F-600訂貨說明

訂貨示例：

BVB-12F-600-1/2-XXXX-000

球閥類型	接口尺寸	內部代碼	閥體材質	中軸+球材質	閥座材質
BVB-12F-600	1/2	XXXX	0	0	0
BVB-12F-600	1/2		0	CF8M	0
	3/4		1	SUS316	1
	1		2	SUS304	2
	1-1/2		3	SUS316L	3
	2		4	SUS304L	4
	2-1/2				5
	3				8
	4				

選型注意事項：1. 閥體，中軸，球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
2. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇；

BVB-12DF-PN16 二片式德標高平台法蘭球閥

產品特徵:

SPECIFICATIONS

- *公稱壓力: 1/2" ~6" PN16
Working Pressure: 1/2" ~6" PN16/40
 - *適用溫度範圍: -15 ~ 150°C(PTFE)
Temperature Range: -15 ~ 150°C(PTFE)
 - *防爆中軸 Blow-Out-Proof Stem Design
 - *防静电裝置 Antistatic Device
 - *精密鑄造 固溶化處理
Investment Casting Solution Treatment
 - *ISO5211安裝執行器平臺設計
ISO5211 Direct-Mounting of Actuators of Valves Design
 - *設計標準: EN12516-1
Design Standard: EN1256-1
 - *結構長度: EN558-1 F4/F5 (DIN3202 F4/F5)
Face to Face: EN558-1 F4/F5 (DIN3202 F4/F5)
 - *法蘭尺寸: EN1092-1 TYPE 21 PN16/40(RF SF)
Flange End:EN1092-1 TYPE 21 PN16/40(RF SF)
 - *全流量 Full port
- 注: 更高溫度, 需要更換閥座, 請另行諮詢。
驅動方式: 可裝配氣動執行器和電動執行器

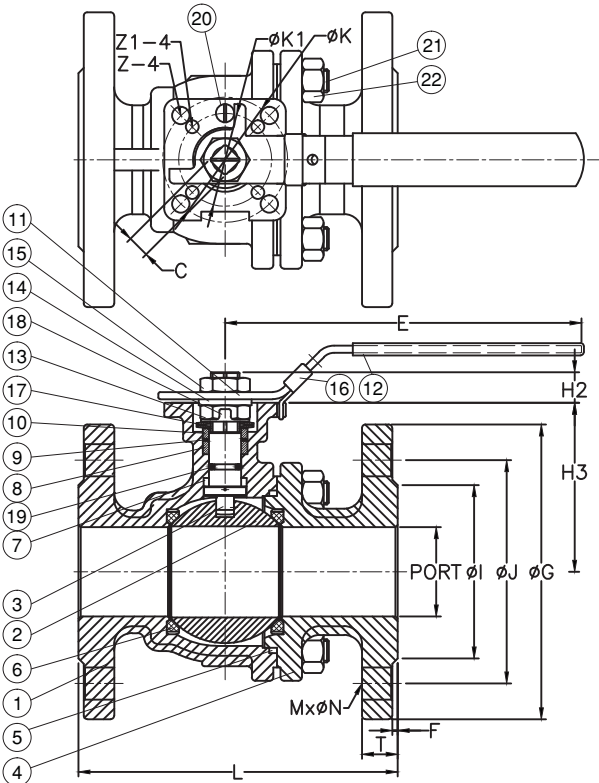


型號: BVB-12DF-PN16

MATERIALS LIST

NO.	PART NAME	MATERIAL	
1	BODY	EN1503-1 1.4408	EN1503-1 1.0619
2	BALL	CF8M	CF8
3	STEM	SS316	SS304
4	END CAP	EN1503-1 1.4408	EN1503-1 1.0619
5	BODY SEAL	PTFE.	PTFE.
6	SEAT	RTFE.	RTFE.
7	THRUST WASHER	RTFE.	RTFE.
8	STEM PACKING	RTFE.	RTFE.
9	THRUST WASHER	PTFE.+25%G.F.	PTFE.+25%G.F.
10	GLAND	SS304	SS304
11	HANDLE	SS304	SS304
12	HANDLE COVER	PLASTIC	PLASTIC
13	STEM NUT	SS304	SS304
14	HANDLE WASHER	SS304	SS304
15	HANDLE NUT	SS304	SS304
16	LOCKING PAD	SS304	SS304
17	BELLEVILLE WASHER	SUS301	SUS301
18	STOP WASHER	SS304	SS304
19	STEM O-RING	VITON	VITON
20	STOP	SS304	SS304
21	STUD	ASTM A193 Gr.B8	ASTM A193 Gr.B8
22	NUT	ASTM A194 Gr.8	ASTM A194 Gr.8

FLANGE DIMENSION: EN 1092-1 TYPE 21 RF SF
FACE TO FACE: EN558-1 F4 (DIN3202 F4)



DN15~DN100

DIMENSIONS

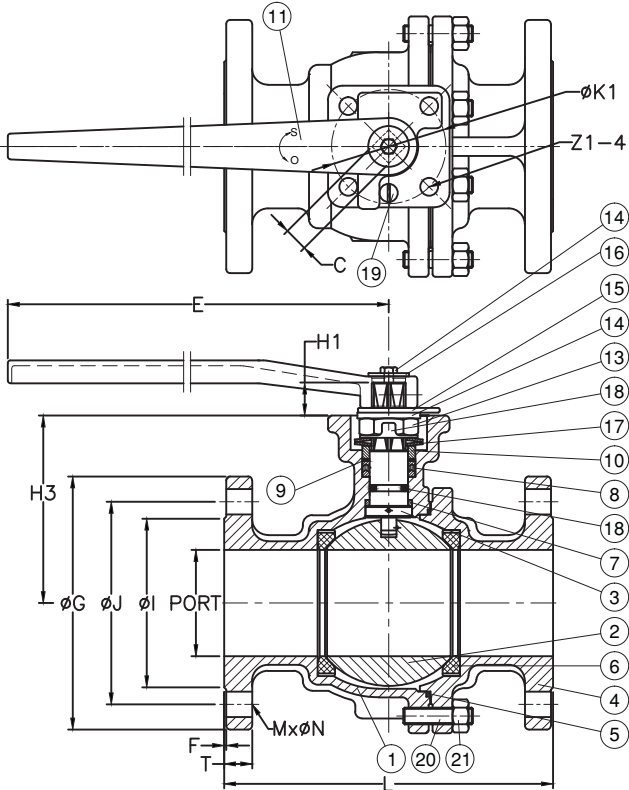
unit:mm

SIZE	PORT	L	E	H2	H3	C	G	J	I	T	F	M	N	K	K1	Z-4	Z1-4
DN15	1/2"	15.0	115.0	112	8.5	48	9.0	95.0	65.0	45.0	16.0	2.0	4	14.0	50.0	36.0	7.0
DN20	3/4"	20.0	120.0	112	8.5	53.5	9.0	105.0	75.0	58.0	18.0	2.0	4	14.0	50.0	36.0	7.0
DN25	1"	25.0	125.0	136	9.5	64	9.0	115.0	85.0	68.0	18.0	2.0	4	14.0	50.0	36.0	7.0
DN32	1 1/4"	32.0	130.0	185	9.5	71	9.0	140.0	100.0	78.0	18.0	2.0	4	18.0	50.0	36.0	7.0
DN40	1 1/2"	38.0	140.0	198	14.0	76	14.0	150.0	110.0	88.0	18.0	2.0	4	18.0	70.0	50.0	9.0
DN50	2"	50.0	150.0	198	13.7	84.5	14.0	165.0	125.0	102.0	20.0	2.0	4	18.0	70.0	50.0	9.0
DN65	2 1/2"	64.0	170.0	265	18.0	106.8	17.0	185.0	145.0	122.0	18.0	2.0	4	18.0	102.0	70.0	12.0
DN80	3"	76.0	180.0	265	18.0	116.0	17.0	200.0	160.0	138.0	20.0	2.0	8	18.0	102.0	70.0	12.0
DN100	4"	100.0	190.0	325	18.0	154.5	17.0	220.0	180.0	158.0	20.0	2.0	8	18.0	102.0	70.0	12.0

MATERIALS LIST

NO.	PART NAME	MATERIAL	
1	BODY	EN1503-1 1.4408	EN1503-1 1.0619
2	BALL	CF8M	CF8
3	STEM	SS316	SS304
4	END CAP	EN1503-1 1.4408	EN1503-1 1.0619
5	BODY SEAL	PTFE.	PTFE.
6	SEAT	RTFE.	RTFE.
7	THRUST WASHER	RTFE.	RTFE.
8	STEM PACKING	RTFE.	RTFE.
9	THRUST WASHER	PTFE.+25%G.F.	PTFE.+25%G.F.
10	GLAND	SS304	SS304
11	HANDLE	FCD45	FCD45
13	STEM NUT	SS304	SS304
14	HANDLE WASHER	SS304	SS304
15	TRIANGLE STOPPER	SS304	SS304
16	BOLT	SS304	SS304
17	BELLEVILLE WASHER	SUS301	SUS301
18	STEM O-RING	VITON	VITON
19	STOP	SS304	SS304
20	STUD	ASTM A193 Gr.B8	ASTM A193 Gr.B8
21	NUT	ASTM A194 Gr.8	ASTM A194 Gr.8

FLANGE DIMENSION: EN 1092-1 TYPE 21 RF SF
FACE TO FACE: EN558-1 F5 (DIN3202 F5)



DN125~DN150

DIMENSIONS

unit:mm

SIZE		PORT	L	E	H1	H3	C	G	J	I	T	F	M	N	K1	Z1-4
DN125	5"	125.0	325.0	750.0	30.0	194.0	27.0	250.0	210.0	188.0	22.0	2.0	8	18.0	125.0	14.0
DN150	6"	150.0	350.0	750.0	30.0	213.0	27.0	285.0	240.0	212.0	22.0	2.0	8	22.0	125.0	14.0

BVB-12DF-PN16訂貨說明

訂貨示例：

BVB-12DF-PN16-15-XXXX-000

球閥類型	接口尺寸	內部代碼	閥體材質	中軸+球材質	閥座材質				
BVB-12DF-PN16	15	XXXX	0	0	0				
BVB-12DF-PN16	15		0	CF8M	0	SUS316	0	PTFE	-15°C-150°C
	20		1	CF8	1	SUS304	1	PTFE+15%GL	-20°C-180°C
	25		2	CF3M	2	SUS316L	2	PTFE+50%SS	-28°C-220°C
	32		3	CF3	3	SUS304L	3	TFM1600	-57°C-180°C
	40		4	WCB			4	MG1241	-45°C-200°C
	50						5	PEEK	-20°C-260°C
	65						8	TFM4215	-60°C-200°C
	80								
	100								
	125								
	150								

選型注意事項：1. 閥體，中軸，球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
2. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇。

BVB-12DF-PN40 二片式德標高平台法蘭球閥

產品特徵:

SPECIFICATIONS

*公稱壓力: 1/2" ~ 6" PN16

Working Pressure: 1/2" ~ 8" PN16/40

*適用溫度範圍: -15 ~ 150°C(PTFE)

Temperature Range: -15 ~ 150°C(PTFE)

*防爆中軸 Blow-Out-Proof Stem Design

*防静电裝置 Antistatic Device

*精密鑄造 固溶化處理

Investment Casting Solution Treatment

*ISO5211安裝執行器平臺設計

ISO5211 Direct-Mounting of Actuators of Valves Design

*設計標準: EN12516-1

Design Standard: EN1256-1

*結構長度: EN 558-1 F4/F5(DIN3202 F4/F5)

Face to Face: EN 558-1 F4/F5(DIN3202 F4/F5)

*法蘭尺寸: EN1092-1 TYPE 21 PN16/40 RF

Flange End: EN1092-1 TYPE 21 PN16/40 RF

*全流量 Full port

注: 更高溫度, 需要更換閥座, 請另行諮詢。

驅動方式: 可裝配氣動執行器和電動執行器



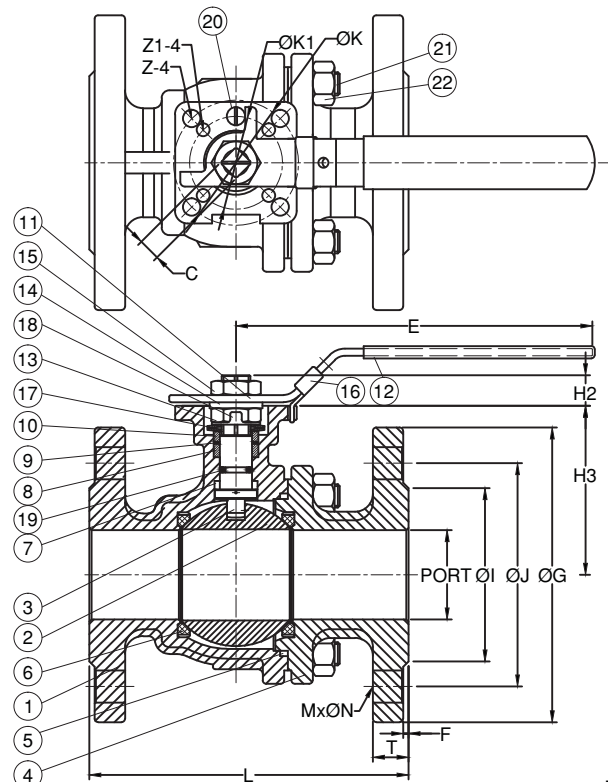
型號: BVB-12DF-PN40

MATERIALS LIST

NO.	PART NAME	MATERIAL	
1	BODY	EN1503-1 1.4408	EN1503-1 1.0619
2	BALL	CF8M	CF8
3	STEM	SS316	SS304
4	END CAP	EN1503-1 1.4408	EN1503-1 1.0619
5	BODY SEAL	PTFE.	PTFE.
6	SEAT	RTFE.	RTFE.
7	THRUST WASHER	RTFE.	RTFE.
8	STEM PACKING	RTFE.	RTFE.
9	THRUST WASHER	PTFE.+25%G.F.	PTFE.+25%G.F.
10	GLAND	SS304	SS304
11	HANDLE	SS304	SS304
12	HANDLE COVER	PLASTIC	PLASTIC
13	STEM NUT	SS304	SS304
14	HANDLE WASHER	SS304	SS304
15	HANDLE NUT	SS304	SS304
16	LOCKING PAD	SS304	SS304
17	BELLEVILLE WASHER	SUS301	SUS301
18	STOP WASHER	SS304	SS304
19	STEM O-RING	VITON	VITON
20	STOP	SS304	SS304
21	STUD	ASTM A193 Gr.B8	ASTM A193 Gr.B8
22	NUT	ASTM A194 Gr.8	ASTM A194 Gr.8

FLANGE DIMENSION: EN 1092-1 TYPE 21 RF SF

FACE TO FACE: EN558-1 F4 (DIN3202 F4)



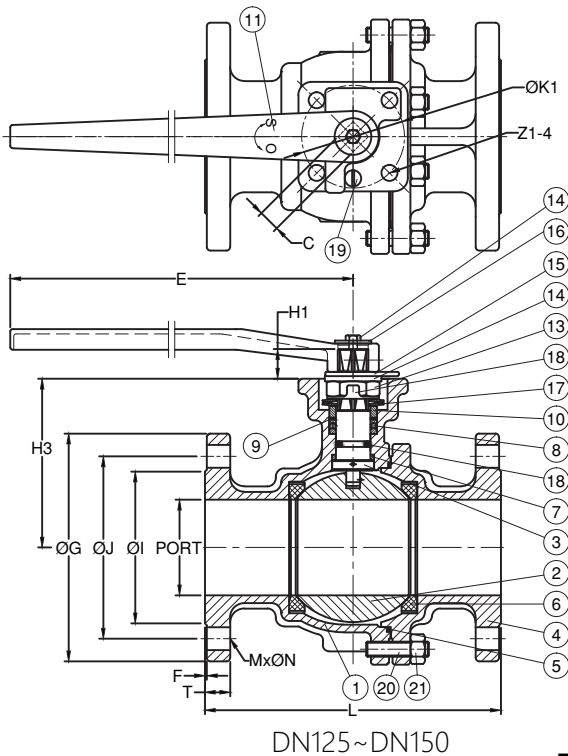
DN15~DN100

DIMENSIONS

unit:mm

SIZE	PORT	L	E	H2	H3	C	ØG	ØJ	ØI	T	F	M	ØN	ØK	ØK1	Z-4	Z1-4	
DN15	1/2"	15.0	115.0	112	8.5	48	9.0	95.0	65.0	45.0	16.0	2.0	4	14.0	50.0	36.0	7.0	6.0
DN20	3/4"	20.0	120.0	112	8.5	53.5	9.0	105.0	75.0	58.0	18.0	2.0	4	14.0	50.0	36.0	7.0	6.0
DN25	1"	25.0	125.0	136	9.5	64	9.0	115.0	85.0	68.0	18.0	2.0	4	14.0	50.0	36.0	7.0	6.0
DN32	1 1/4"	32.0	130.0	185	9.5	71	9.0	140.0	100.0	78.0	18.0	2.0	4	18.0	50.0	36.0	7.0	6.0
DN40	1 1/2"	38.0	140.0	198	14.0	76	14.0	150.0	110.0	88.0	18.0	2.0	4	18.0	70.0	50.0	9.0	7.0
DN50	2"	50.0	150.0	198	13.7	84.5	14.0	165.0	125.0	102.0	20.0	2.0	4	18.0	70.0	50.0	9.0	7.0
DN65	2 1/2"	64.0	170.0	265	18.0	106.8	17.0	185.0	145.0	122.0	22.0	2.0	8	18.0	102.0	70.0	12.0	10.0
DN80	3"	76.0	180.0	265	18.0	116.0	17.0	200.0	160.0	138.0	24.0	2.0	8	18.0	102.0	70.0	12.0	10.0
DN100	4"	100.0	190.0	325	18.0	154.5	17.0	235.0	190.0	158.0	24.0	2.0	8	22.0	102.0	70.0	12.0	10.0

MATERIALS LIST



NO.	PART NAME	MATERIAL	
1	BODY	EN1503-1 1.4408	EN1503-1 1.0619
2	BALL	CF8M	CF8
3	STEM	SS316	SS304
4	END CAP	EN1503-1 1.4408	EN1503-1 1.0619
5	BODY SEAL	PTFE.	PTFE.
6	SEAT	RTFE.	RTFE.
7	THRUST WASHER	RTFE.	RTFE.
8	STEM PACKING	RTFE.	RTFE.
9	THRUST WASHER	PTFE.+25%G.F.	PTFE.+25%G.F.
10	GLAND	SS304	SS304
11	HANDLE	FCD45	FCD45
13	STEM NUT	SS304	SS304
14	HANDLE WASHER	SS304	SS304
15	TRIANGLE STOPPER	SS304	SS304
16	BOLT	SS304	SS304
17	BELLEVILLE WASHER	SUS301	SUS301
18	STEM O-RING	VITON	VITON
19	STOP	SS304	SS304
20	STUD	ASTM A193 Gr.B8	ASTM A193 Gr.B8
21	NUT	ASTM A194 Gr.8	ASTM A194 Gr.8

FLANGE DIMENSION: EN 1092-1 TYPE 21 RF SF
FACE TO FACE: EN558-1 F5 (DIN3202 F5)

DIMENSIONS

unit:mm

SIZE	PORT	L	E	H1	H3	C	ØG	ØJ	ØI	T	F	M	ØN	ØK1	Z1-4	
DN125	5"	125.0	325.0	750.0	30.0	194.0	27.0	270.0	220.0	188.0	26.0	2.0	8	26.0	125.0	14.0
DN150	6"	150.0	350.0	750.0	30.0	213.0	27.0	300.0	250.0	218.0	28.0	2.0	8	26.0	125.0	14.0

BVB-12DF-PN40訂貨說明

訂貨示例：

BVB-12DF-PN40-15-XXXX-000

球閥類型	接口尺寸	內部代碼	閥體材質	中軸+球材質	閥座材質		
BVB-12DF-PN40	15	XXXX	0	0	0		
BVB-12DF-PN40	15		0	SUS316	0	PTFE	-15°C-150°C
	20		1	SUS304	1	PTFE+15%GL	-20°C-180°C
	25		2	SUS316L	2	PTFE+50%SS	-28°C-220°C
	32		3	SUS304L	3	TFM1600	-57°C-180°C
	40		4	WCB	4	MG1241	-45°C-200°C
	50				5	PEEK	-20°C-260°C
	65				8	TFM4215	-60°C-200°C
	80						
	100						
	125						
	150						

選型注意事項：1. 閥體，中軸，球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
2. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇；

BVB-12DF-150二片式美標法蘭球閥

產品特徵:

SPECIFICATIONS

*公稱壓力: 1/2" ~ 6" 150LBS

Working Pressure: 1/2" ~ 6" 150LBS

*適用溫度範圍: -15 ~ 150°C (PTFE)

Temperature Range: -15 ~ 150°C(PTFE)

*防爆中軸 Blow-Out-Proof Stem Design

*防靜電裝置 Antistatic Device

*精密鑄造 固溶化處理

Investment Casting Solution Treatment

*ISO5211安裝執行器平臺設計

ISO5211 Direct-Mounting of Actuators of Valves Design

*設計標準: ANSI B16.34

Design Standard: ANSI B16.34

*結構長度: ANSI B16.10

Face to Face: ANSI B16.10

*法蘭尺寸: ANSI B16.5 CLASS 150

Flange End: ANSI B16.5 CLASS 150

*全流量 Full port

*操作方式: 手柄/執行器

Operator: Lever/Actuator

注: 更高溫度, 需要更換閥座, 請另行諮詢。

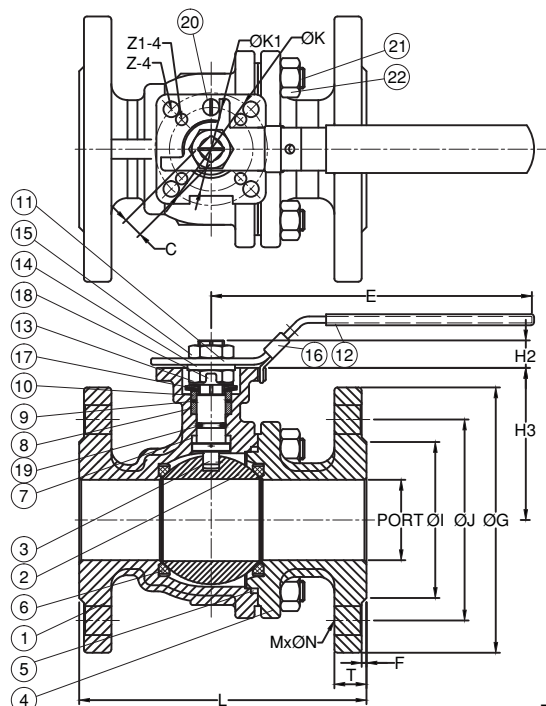
驅動方式: 可裝配氣動執行器和電動執行器。



型號: BVB-12DF-150

MATERIALS LIST

NO.	PART NAME	MATERIAL	
1	BODY	ASTM A351 CF8M	ASTM A216 WCB
2	BALL	SS316	CF8
3	STEM	SS316	SS316
4	END CAP	ASTM A351 CF8M	ASTM A216 WCB
5	BODY SEAL	PTFE.	PTFE.
6	SEAT	RTFE.	RTFE.
7	THRUST WASHER	RTFE.	RTFE.
8	STEM PACKING	RTFE.	RTFE.
9	THRUST WASHER	PTFE. +25%G.F.	PTFE. +25%G.F.
10	GLAND	SS304	SS304
11	HANDLE	SS304	SS304
12	HANDLE COVER	PLASTIC	PLASTIC
13	STEM NUT	SS304	SS304
14	HANDLE WASHER	SS304	SS304
15	HANDLE NUT	SS304	SS304
16	LOCKING PAD	SS304	SS304
17	BELLEVILLE WASHER	SUS301	SUS301
18	STOP WASHER	SS304	SS304
19	STEM O-RING	VITON	VITON
20	STOP	SS304	SS304
21	STUD	ASTM A193 Gr.B8	ASTM A193 Gr.B8
22	NUT	ASTM A194 Gr.8	ASTM A194 Gr.8



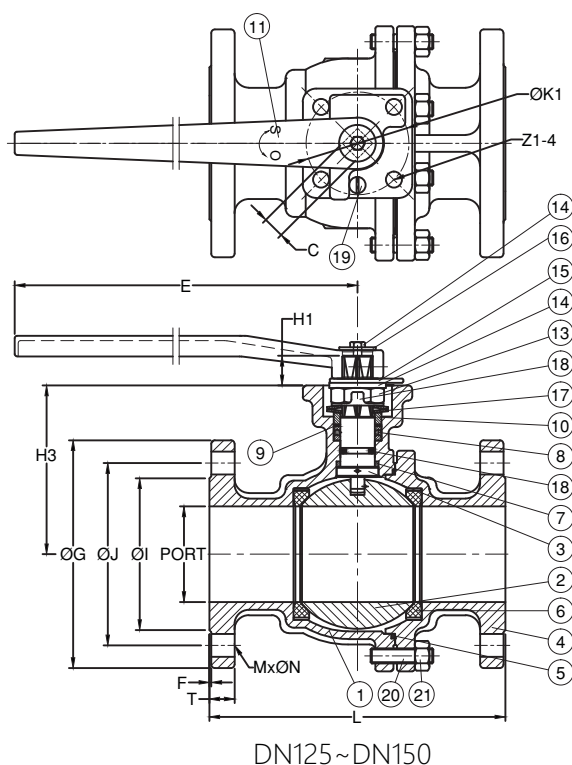
DN15~DN50

DIMENSIONS

unit:mm

SIZE	PORT	L	E	H2	H3	C	OG	OJ	OI	T	F	M	ON	OK	OK1	Z-4	Z1-4		
DN15 1/2"	15.0	108.0	112	8.5	48	9.0	89.0	60.5	35.0	11.2	1.6	4	16.0	50	F05	36	F03	7.0	6.0
DN20 3/4"	20.0	117.0	112	8.5	53.5	9.0	98.6	70.0	43.0	12.7	1.6	4	16.0	50	F05	36	F03	7.0	6.0
DN25 1"	25.0	127.0	136	9.5	64	9.0	108.0	79.2	51.0	14.3	1.6	4	16.0	50	F05	36	F03	7.0	6.0
DN32 1-1/4"	32.0	140.0	185	9.5	71	9.0	117.5	88.9	63.5	15.9	1.6	4	16.0	50	F05	36	F03	7.0	6.0
DN40 1-1/2"	38.0	165.0	198	14.0	76	14.0	127.0	98.6	73.2	17.5	1.6	4	16.0	70	F07	50	F05	9.0	7.0
DN50 2"	50.0	178.0	198	13.7	84.5	14.0	152.5	120.2	92.0	19.1	1.6	4	19.0	70	F07	50	F05	9.0	7.0
DN65 2-1/2"	64.0	190.0	265	18.0	106.8	17.0	177.8	139.7	104.7	23.3	1.6	4	19.0	102	F10	70	F07	12.0	10.0
DN80 3"	76.0	203.0	265	18.0	116.0	17.0	190.5	152.4	127.0	23.9	1.6	4	19.0	102	F10	70	F07	12.0	10.0
DN100 4"	100.0	229.0	325	18.0	154.5	17.0	228.6	190.5	157.2	23.9	1.6	8	19.0	102	F10	70	F07	12.0	10.0

MATERIALS LIST



NO.	PART NAME	MATERIAL	
1	BODY	ASTM A351 CF8M	ASTM A216 WCB
2	BALL	CF8M	CF8
3	STEM	SS316	SS316
4	END CAP	ASTM A351 CF8M	ASTM A216 WCB
5	BODY SEAL	PTFE.	PTFE.
6	SEAT	RTFE.	RTFE.
7	THRUST WASHER	RTFE.	RTFE.
8	STEM PACKING	RTFE.	RTFE.
9	THRUST WASHER	PTFE.+25%G.F.	PTFE.+25%G.F.
10	GLAND	SS304	SS304
11	HANDLE	FCD45	FCD45
13	STEM NUT	SS304	SS304
14	HANDLE WASHER	SS304	SS304
15	TRIANGLE STOPPER	SS304	SS304
16	BOLT	SS304	SS304
17	BELLEVILLE WASHER	SUS301	SUS301
18	STEM O-RING	VITON	VITON
19	STOP	SS304	SS304
20	STUD	ASTM A193 Gr.B8	ASTM A193 Gr.B8
21	NUT	ASTM A194 Gr.8	ASTM A194 Gr.8

FLANGE DIMENSION: ASME B16.5

FACE TO FACE: ASME B16.10

DIMENSIONS

unit:mm

SIZE	PORT	L	E	H1	H3	C	ØG	ØJ	ØI	T	F	M	ØN	ØK1	Z1-4	
DN125	5"	125.0	356.0	750.0	30.0	194.0	27.0	254.0	216.0	186.0	24.0	1.6	8	22.3	125 F12	14.0
DN150	6"	150.0	394.0	750.0	30.0	213.0	27.0	279.4	241.3	216.0	25.4	1.6	8	22.3	125 F12	14.0

BVB-12DF-150訂貨說明

訂貨示例：

BVB-12DF-150-1/2-XXXX-000

球閥類型	接口尺寸	內部代碼	閥體材質	中軸+球材質	閥座材質			
BVB-12DF-150	1/2	XXXX	0	0	0			
BVB-12DF-150	1/2		0	CF8M	0	PTFE	-15°C-150°C	
	3/4		1	CF8	1	PTFE+15%GL	-20°C-180°C	
	1		2	CF3M	2	PTFE+50%SS	-28°C-220°C	
	1-1/2		3	CF3	3	TFM1600	-57°C-180°C	
	2		4	WCB		4	MG1241	-45°C-200°C
	2-1/2					5	PEEK	-20°C-260°C
	3					8	TFM4215	-60°C-200°C
	4							
	5							
	6							

選型注意事項：1. 閥體，中軸，球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
2. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇。

BVB-12DF-300二片式美標法蘭球閥

產品特徵:

SPECIFICATIONS

*公稱壓力: 1/2" ~ 6" 300LBS

Working Pressure: 1/2" ~ 6" 300LBS

*適用溫度範圍: -15 ~ 150°C(PTFE)

Temperature Range: -15 ~ 150°C(PTFE)

*防爆中軸 Blow-Out-Proof Stem Design

*防靜電裝置 Antistatic Device

*精密鑄造 固溶化處理

Investment Casting Solution Treatment

*ISO5211安裝執行器平臺設計

ISO5211 Direct-Mounting of Actuators of Valves Design

*設計製造: ANSI B16.34

Design Standard: ANSI B16.34

*結構長度: ANSI B16.10

Face to Face: ANSI B16.10

*法蘭尺寸: ANSI B16.50

Flange End: ANSI B16.50

*全流量 Full port

*操作方式: 手柄/執行器

Operator: Lever/Actuator

注: 更高溫度, 需要更換閥座, 請另行諮詢。

驅動方式: 可裝配氣動執行器和電動執行器。



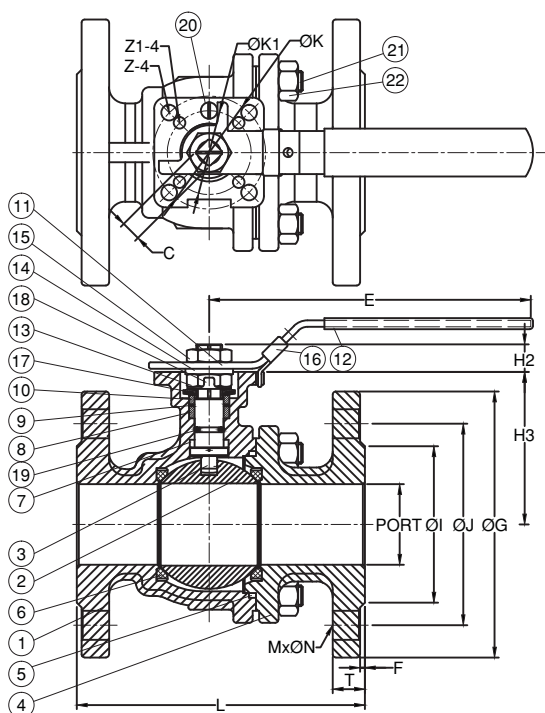
型號: BVB-12DF-300

MATERIALS LIST

NO.	PART NAME	MATERIAL	
1	BODY	ASTM A351 CF8M	ASTM A216 WCB
2	BALL	ASTM A276 316	ASTM A351 CF8
3	STEM	SS316	SS316
4	END CAP	ASTM A351 CF8M	ASTM A216 WCB
5	BODY SEAL	PTFE.	PTFE.
6	SEAT	RTFE.	RTFE.
7	THRUST WASHER	RTFE.	RTFE.
8	STEM PACKING	RTFE.	RTFE.
9	THRUST WASHER	PTFE.+25%G.F.	PTFE.+25%G.F.
10	GLAND	SS304	SS304
11	HANDLE	SS304	SS304
12	HANDLE COVER	PLASTIC	PLASTIC
13	STEM NUT	SS304	SS304
14	HANDLE WASHER	SS304	SS304
15	HANDLE NUT	SS304	SS304
16	LOCKING PAD	SS304	SS304
17	BELLEVILLE WASHER	SUS301	SUS301
18	STOP WASHER	SS304	SS304
19	STEM O-RING	VITON	VITON
20	STOP	SS304	SS304
21	STUD	ASTM A193 Gr.B8	ASTM A193 Gr.B8
22	NUT	ASTM A194 Gr.8	ASTM A194 Gr.8

FLANGE DIMENSION: ASME B16.5

FACE TO FACE: ASME B16.10



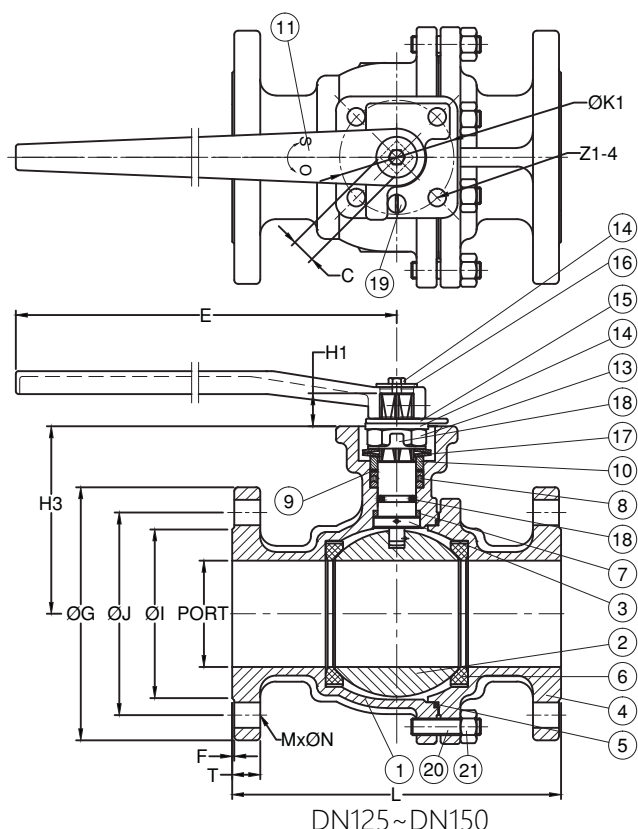
DN15~DN100

DIMENSIONS

unit:mm

SIZE	PORT	L	E	H2	H3	C	ØG	ØJ	ØI	T	F	M	ØN	ØK	ØK1	Z-4	Z1-4
DN15	1/2"	15.0	140.0	112	8.5	48	9.0	95.3	66.5	35.0	14.3	1.6	4	16.0	50	F05	36
DN20	3/4"	20.0	152.0	112	8.5	53.5	9.0	117.4	82.6	43.0	15.9	1.6	4	19.1	50	F05	36
DN25	1"	25.0	165.0	136	9.5	64	9.0	124.0	88.9	51.0	17.5	1.6	4	19.1	50	F05	36
DN32	1 1/4"	32.0	178.0	185	9.5	71	9.0	133.4	98.6	63.5	19.1	1.6	4	19.1	50	F05	36
DN40	1 1/2"	38.0	190.0	198	14.0	76	14.0	155.5	114.3	73.2	20.6	1.6	4	22.3	70	F07	50
DN50	2"	50.0	216.0	198	13.7	84.5	14.0	165.1	127.0	92.0	22.4	1.6	8	19.1	70	F07	50
DN65	2 1/2"	64.0	241.0	265	18.0	106.8	17.0	190.5	149.4	104.7	25.4	1.6	8	22.3	102	F10	70
DN80	3"	76.0	283.0	265	18.0	116.0	17.0	209.6	168.1	127.0	28.6	1.6	8	22.3	102	F10	70
DN100	4"	100.0	305.0	325	18.0	154.5	17.0	254.0	200.2	157.2	31.8	1.6	8	22.3	102	F10	70

MATERIALS LIST



NO.	PART NAME	MATERIAL	
1	BODY	ASTM A351 CF8M	ASTM A216 WCB
2	BALL	ASTM A276 316	ASTM A351 CF8
3	STEM	SS316	SS316
4	END CAP	ASTM A351 CF8M	ASTM A216 WCB
5	BODY SEAL	PTFE.	PTFE.
6	SEAT	RTFE.	RTFE.
7	THRUST WASHER	RTFE.	RTFE.
8	STEM PACKING	RTFE.	RTFE.
9	THRUST WASHER	PTFE.+25%G.F.	PTFE.+25%G.F.
10	GLAND	SS304	SS304
11	HANDLE	FCD45	FCD45
13	STEM NUT	SS304	SS304
14	HANDLE WASHER	SS304	SS304
15	TRIANGLE STOPPER	SS304	SS304
16	BOLT	SS304	SS304
17	BELLEVILLE WASHER	SUS301	SUS301
18	STEM O-RING	VITON	VITON
19	STOP	SS304	SS304
20	STUD	ASTM A193 Gr.B8	ASTM A193 Gr.B8
21	NUT	ASTM A194 Gr.8	ASTM A194 Gr.8

FLANGE DIMENSION: ASME B16.5

FACE TO FACE: ASME B16.10

DIMENSIONS

unit:mm

SIZE	PORT	L	E	H1	H3	C	ØG	ØJ	ØI	T	F	M	ØN	ØK1	Z1-4
DN125	5"	125.0	381.0	750.0	30.0	194.0	27.0	279.4	235.0	186.0	35.0	1.6	8	22.3	125 F12 14.0
DN150	6"	150.0	403.0	750.0	30.0	213.0	27.0	317.5	269.8	216.0	36.6	1.6	12	22.3	125 F12 14.0

BVB-12DF-300訂貨說明

訂貨示例:

BVB-12DF-300-1/2-XXXX-000

球閥類型	接口尺寸	內部代碼	閥體材質	中軸+球材質	閥座材質			
BVB-12DF-300	1/2	XXXX	0	0	0			
BVB-12DF-300	1/2		0	CF8M	0	PTFE	-15°C-150°C	
	3/4		1	CF8	1	PTFE+15%GL	-20°C-180°C	
	1		2	CF3M	2	PTFE+50%SS	-28°C-220°C	
	1-1/2		3	CF3	3	TFM1600	-57°C-180°C	
	2		4	WCB		4	MG1241	-45°C-200°C
	2-1/2					5	PEEK	-20°C-260°C
	3					8	TFM4215	-60°C-200°C
	4							
	5							
	6							

選型注意事項: 1. 閥體, 中軸, 球材質的選擇, 請參考不鏽鋼對介質的耐腐性能;
2. 閥座材質的選擇: 請結合介質種類, 溫度, 壓力, 球閥開關頻次, 綜合選擇。

BVRB-3T三通縮徑不銹鋼球閥

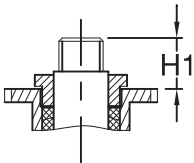
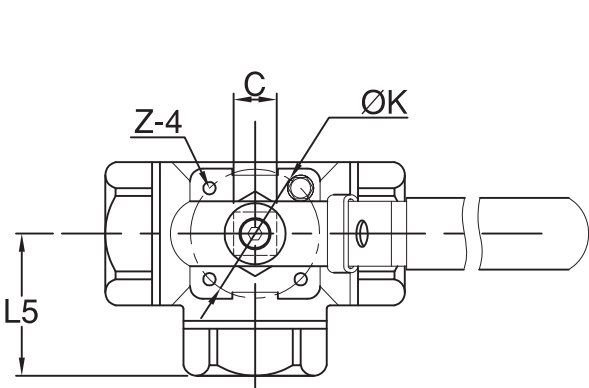
產品特徵:

SPECIFICATIONS

- *公稱壓力: 1/4" ~2" 1000PSI WOG
Working Pressure: 1/4" ~2" 1000PSI WOG
- *適用溫度範圍: -15 ~ 150°C(PTFE)
Temperature Range: -15 ~ 150°C(PTFE)
- *防爆中軸 Blow-Out-Proof Stem Design
- *精密鑄造 Investment Casting
- *固溶化處理 Solution Treatment
- *防靜電裝置 Antistatic Device
- *四閥座 Four Seats
- *連接形式: 內螺紋
End Types: Female Threaded
- *掛鎖裝置 (可選) Locking Device (option)
- *減流量 Reduced Bore



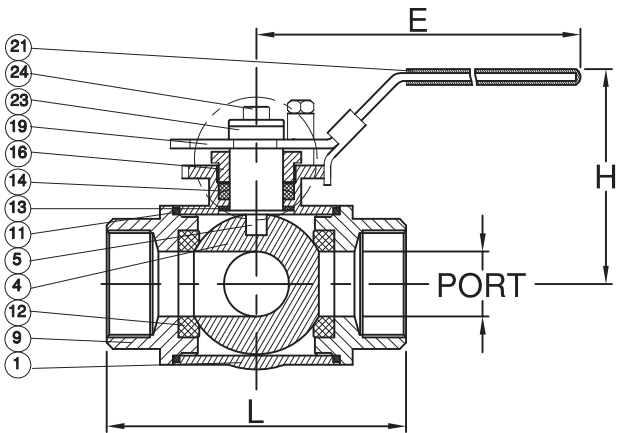
型號: BVRB-3T



PORT \ TURN	0°	90°	180°	270°
	T	L	T	L
T				
L				

MATERIALS LIST

NO.	PART NAME	MATERIAL
1	BODY	ASTM A351 Gr.CF8M
4	BALL	ASTM A351 Gr.CF8M
5	STEM	SS316
9	END CAP	ASTM A351 Gr.CF8M
11	BODY SEAL	PTFE.
12	SEAT	RTFE.
13	THRUST WASHER	PTFE.
14	STEM PACKING	PTFE.
16	GLAND NUT	SS304
19	HANDLE	SS304
21	HANDLE COVER	VINYL GRIP
23	HANDLE WASHER	SS304
24	HANDLE NUT	SS304



DIMENSIONS

SIZE		PORT	L	L5	E	H	H1	C	ØK	Z-4
DN8	1/4"	11.0	69.4	34.6	133.4	60.7	10.7	9.0	42.0	M5xP0.8
DN10	3/8"	11.0	69.4	34.6	133.4	60.7	10.7	9.0	42.0	M5xP0.8
DN15	1/2"	12.5	75.7	37.3	133.4	64.1	10.7	9.0	42.0	M5xP0.8
DN20	3/4"	16.0	86.6	44.7	178.5	82.4	13.9	11.0	50.0	M6xP1.0
DN25	1"	20.0	102.4	51.4	178.5	86.1	20.0	11.0	50.0	M6xP1.0
DN32	1-1/4"	25.0	118.2	57.7	209.9	91.4	23.8	11.0	50.0	M6xP1.0
DN40	1-1/2"	32.0	125.8	62.7	208.0	102.7	25.8	11.0	70.0	M8xP1.25
DN50	2"	38.0	149.0	74.6	229.9	110.7	25.3	14.0	70.0	M8xP1.25

unit:mm

訂貨示例：

BVRB-3T-L-1/4NPT-XXXX-000

球閥類型	流向	接口尺寸	螺紋形式	內部代碼	閥座材質						
BVRB-3T	L	1/4	NPT	XXXX	0		0		0		
BVRB-3T	L	1/4	PT		0	CF8M	0	SUS316	0	PTFE	-15°C-150°C
	T	3/8	NPT		1	CF8	1	SUS304	1	PTFE+15%GL	-20°C-180°C
		1/2	G		2	CF3M	2	SUS316L	2	PTFE+50%SS	-28°C-220°C
		3/4	Rp		3	CF3	3	SUS304L	3	TFM1600	-57°C-180°C
		1	...						4	MG1241	-45°C-200°C
		1-1/4							8	TFM4215	-60°C-200°C
		1-1/2									
		2									

選型注意事項：1. 閥體，中軸，球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
2. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇。

BVRB-3DT三通縮徑不銹鋼球閥

產品特徵:

SPECIFICATIONS

- *公稱壓力: 1/4" ~2" 1000PSI WOG
Working Pressure: 1/4" ~2" 1000PSI WOG
 - *適用溫度範圍: -15 ~ 150°C(PTFE)
Temperature Range: -15 ~ 150°C(PTFE)
 - *防爆中軸 Blow-Out-Proof Stem Design
 - *防靜電裝置 Antistatic Device
 - *精密鑄造 Investment Casting
 - *固溶化處理 Solution Treatment
 - *連接形式: 內螺紋
End Types: Female Threaded
 - *四閥座 Four Seats
 - *ISO5211直接安裝執行機構平臺設計
ISO5211 Direct-Mounting of Actuators of Valves Design
 - *掛鎖裝置 (可選)
Locking Device (option)
 - *減流量 Reduced Bore
- 驅動方式: 可裝配氣動執行器和電動執行器

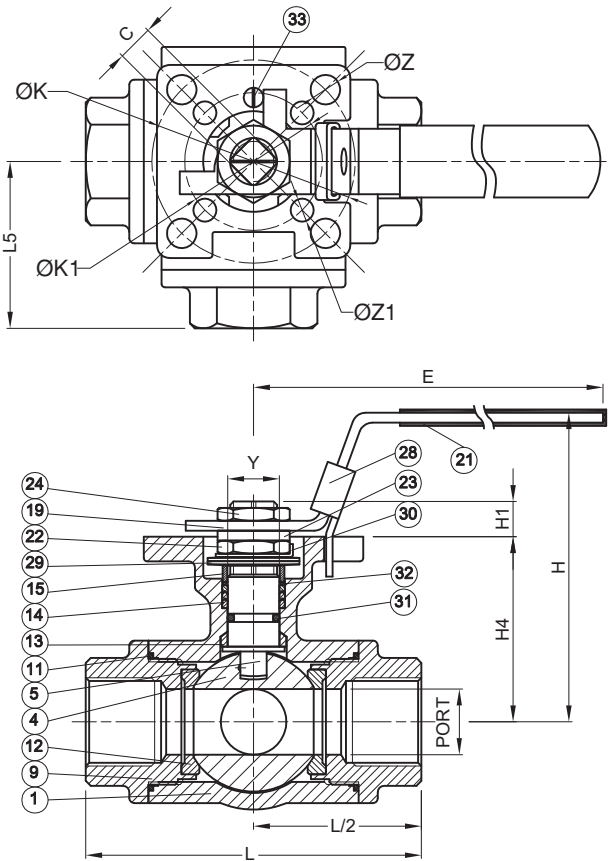


型號: BVRB-3DT

TURN	0°	90°	180°	270°
PORT				
T				
L				

MATERIALS LIST

NO.	PART NAME	MATERIAL
1	BODY	ASTM A351 Gr.CF8M
4	BALL	ASTM A351 Gr.CF8M
5	STEM	SS316
9	CAP	ASTM A351 Gr.CF8M
11	BODY SEAL	PTFE.
12	SEAT	RTFE.
13	THRUST WASHER	RTFE.
14	STEM PACKING	RTFE.
15	GLAND BUSH	SS304
19	HANDLE	SS304
21	HANDLE COVER	PLASTIC
22	STEM NUT	SS304
23	HANDLE WASHER	SS304
24	HANDLE NUT	SS304
28	LOCKING PAD	SS304
29	BELLEVEILLE WASHER	SUS301
30	STOP WASHER	SS304
31	O-RING	VITON
32	PACKING FOLLOWER	PTFE.+25%GF
33	STOP PIN	SS304



DIMENSIONS

SIZE	PORT	L	L5	E	H	H1	H4	C	Y	K	K1	Z	Z1
DN8 1/4"	11.0	75.7	37.3	112.0	77.5	9.0	38.2	9.0	12.0	42.0	F04	6.0	
DN10 3/8"	11.0	75.7	37.3	112.0	77.5	9.0	38.2	9.0	12.0	42.0	F04	6.0	
DN15 1/2"	12.7	75.7	37.3	112.0	77.5	9.0	38.2	9.0	12.0	42.0	F04	6.0	
DN20 3/4"	16.0	86.6	44.7	112.0	82.0	9.0	45.2	9.0	12.0	42.0	F04	6.0	
DN25 1"	20.0	102.4	51.4	136.5	93.7	11.0	56.5	11.0	15.8	50.0	F05	7.1	
DN32 1-1/4"	25.0	118.2	57.7	188.0	101.1	11.0	61.9	11.0	15.8	50.0	F05	7.1	
DN40 1-1/2"	32.0	125.8	62.7	197.5	120.3	14.3	78.3	14.0	20.8	70.0	F07	9.2	7.1
DN50 2"	38.1	149.0	74.6	197.5	129.9	14.0	87.4	14.0	20.8	70.0	F07	9.2	7.1

訂貨示例：

球閥類型	流向	接口尺寸	螺紋形式	內部代碼	閥體材質	中軸+球材質	閥座材質				
BVRB-3DT	L	1/4	NPT	XXXX	0	0	0				
BVRB-3DT	L	1/4	PT		0	CF8M	0	SUS316	0	PTFE	-15°C-150°C
	T	3/8	NPT		1	CF8	1	SUS304	1	PTFE+15%GL	-20°C-180°C
		1/2	G		2	CF3M	2	SUS316L	2	PTFE+50%SS	-28°C-220°C
		3/4	Rp		3	CF3	3	SUS304L	3	TFM1600	-57°C-180°C
		1	...						4	MG1241	-45°C-200°C
		1-1/4							8	TFM4215	-60°C-200°C
		1-1/2									
		2									

選型注意事項：1. 閥體，中軸，球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
2. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇。

BVRB-3BT 立式三通球閥

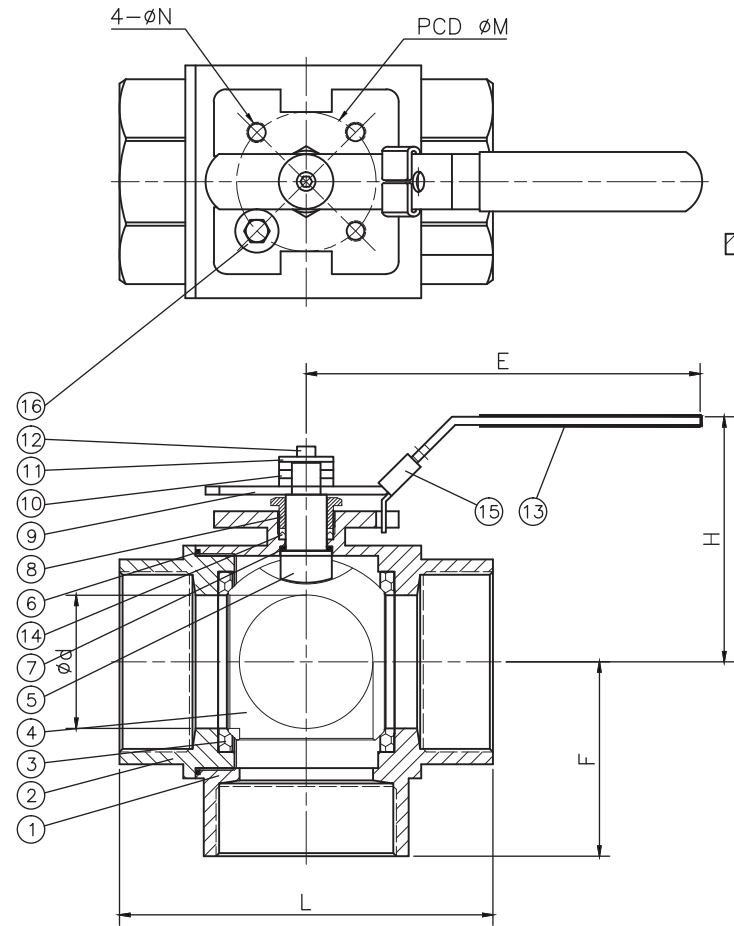
產品特徵:

SPECIFICATIONS

- *公稱壓力: 1/4" ~ 2" 1000PSI WOG
Working Pressure: 1/4" ~ 2" 1000PSI WOG
- *適用溫度範圍: -20 ~ 150°C
Temperature Range: -20 ~ 150°C
- *連接形式: 內螺紋
End Types: Female Threaded
- *掛鎖裝置 (可選)
Locking Device (option)
- *減流量
Reduced Bore



型號: BVRB-3BT



MATERIALS LIST

NO	PART	MATERIAL
16	STOP PIN	S.S 304
15	LOCKING PLATE	S.S 304
14	STEM PACKINGS	PTFE
13	HANDLE SLEEVE	VINYL GRIP
12	HANDLE NUT	S.S 304
11	WASHER	S.S 304
10	HANDLE WASHER	S.S 304
9	HANDLE	S.S 304
8	GLAND	S.S 304
7	THRUST WASHR	PTFE
6	END SEALS	PTFE
5	STEM	S.S 316
4	BALL	ASTM A351 GR.CF8M
3	SEAT	PTFE
2	CAP	ASTM A351 GR.CF8M
1	BODY	ASTM A351 GR.CF8M

DIMENSIONS

unit: mm

PORT TYPE	1	2	3	4
LL	1/2	1/2	1/2	1/2
VL	1/2	1/2	1/2	1/2

PORT TYPE	1	2	3	4
VT	1/2	1/2		
TT	1/2	1/2	1/2	1/2

SIZE	d	A	B	C	D	E	H	F	L	M	N
1/4"	11.0	10.9	5.9	12.0	9.0	133.4	60.75	29.0	57.2	36	M5*0.8
3/8"	11.0	10.9	5.9	12.0	9.0	133.4	60.75	29.0	57.2	36	M5*0.8
1/2"	12.5	10.9	5.9	12.0	9.0	133.4	60.75	34.5	66.0	36	M5*0.8
3/4"	16.0	11.4	6.4	12.0	9.0	133.4	69.65	39.7	77.0	36	M5*0.8
1"	20.0	11.4	6.4	12.0	9.0	133.4	73.15	46.0	88.5	42	M5*0.8
1-1/4"	25.4	23.7	8.2	15.0	11.0	178.5	88.2	51.7	103.4	50	M6*1.0
1-1/2"	31.8	23.7	8.2	15.0	11.0	178.5	93.2	61.0	111.1	50	M6*1.0
2"	38.1	23.7	8.2	15.0	11.0	178.5	97.7	71.4	136.4	50	M6*1.0
3"	65.0	23.5	8.0	20.0	14.0	265.5	124.25	94.75	182.0	70.0	M8*1.25

BVRB-3BT訂貨說明

訂貨示例：

BVRB-3BT-L-1/4NPT-XXXX-000

球閥類型	流向	接口尺寸	螺紋形式	內部代碼	閥體材質		中軸+球材質		閥座材質	
BVRB-3BT	VL	1/4	NPT	XXXX	0		0		0	
	VL	1/4	BSPT		0	CF8M	0	SUS316	0	PTFE -20°C-150°C
	LL	3/8	NPT		1	CF8	1	SUS304	1	PTFE+15%GL -45°C-180°C
	VT	1/2	G		2	CF3M	2	SUS316L	3	TFM1600 -57°C-180°C
	TT	3/4	Rp		3	CF3	3	SUS304L		
		1	...							
		1-1/4								
		1-1/2								
		2								

選型注意事項：1. 閥體，中軸，球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
2. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇。

BV4B-3D三通全徑不銹鋼球閥

產品特徵:

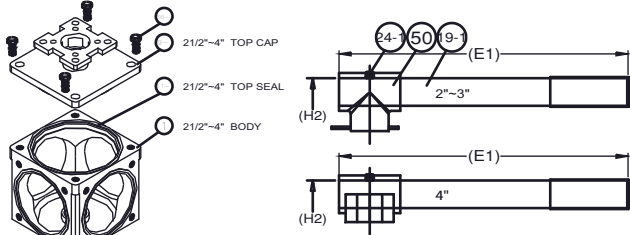
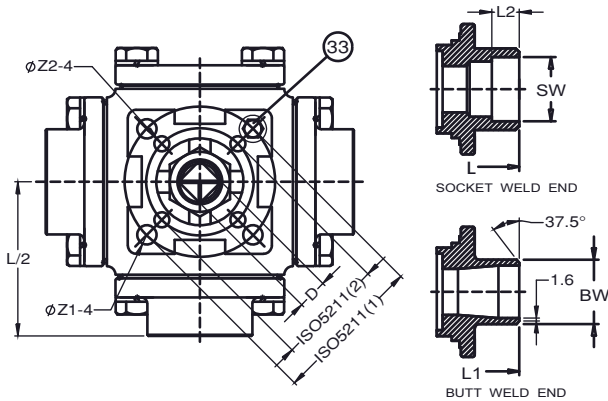
SPECIFICATIONS

- *公稱壓力: 1/2" ~4" 1000WOG
Working Pressure: 1/2" ~4" 1000WOG
- *適用溫度範圍: -15 ~ 150°C(PTFE)
Temperature Range: -15 ~ 150°C(PTFE)
- *防爆中軸 Blow-Out-Proof Stem Design
- *防靜電裝置 Antistatic Device
- *精密鑄造 Investment Casting
- *固溶化處理 Solution Treatment
- *連接形式: 內螺紋、對焊、承插焊
End Types: Female Threaded, BUTT WELD, SOCKET WELD
- *四閥座 Four Seats
- *ISO5211直接安裝執行機構平臺設計
ISO5211 Direct-Mounting of Actuators of Valves Design
- *掛鎖裝置 (可選)
Locking Device (option)
- *全流量
Full Port
- 驅動方式: 可裝配氣動執行器和電動執行器



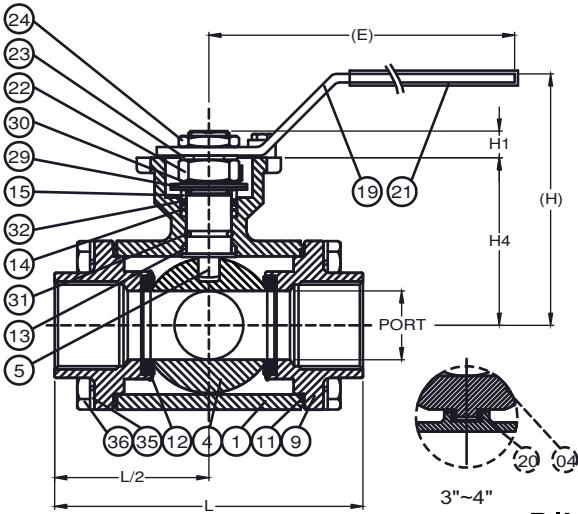
型號: BV4B-3DT/B/S

PORT TYPE	1	2	3	4
T				
L				



MATERIALS LIST

NO.	PART NAME	MATERIAL	Q'TY
1	BODY	ASTM A351 Gr.CF8M	1
4	BALL	ASTM A351 Gr.CF8M	1
5	STEM	SS316	1
9	END CAP	ASTM A351 Gr.CF8M	4
9-1	TOP CAP	ASTM A351 Gr.CF8M	1
11	BODY SEAL	PTFE	4
11-1	TOP SEAL	PTFE	1
12	SEAT	RTFE	4
13	THRUST WASHER	RTFE	1
14	STEM PACKING	RTFE	1SET
15	GLAND	SS304	1
19	HANDLE	SS304	1
19-1	HANDLE	SS304	1
20	BUSHING	PTFE	1
21	HANDLE COVER	PLASTIC	1
22	STEM NUT	SS304	1
23	HANDLE WASHER	SS304	1
24	HANDLE NUT	SS304	1
24-1	HANDLE NUT	SS304	1
29	BELLEVILLE WASHER	SUS301	2
30	STOP WASHER	SS304	1
31	O-RING	VITON	1
32	PACKING FOLLOWER	PTFE.+25%GF	1
33	STOP PIN	SS304	1SET
35	BOLT	SS304	16
36	BOLT WASHER	SS304	16
36-1	BOLT WASHER	SS304	4
50	HANDLE ADAPTER	CF8	1



DIMENSIONS

unit:mm

SIZE	PORT	L	L1	L2	E	E1	H	H1	H2	H4	D	Z1	Z2	ISO 5211	SW	BW
1/2"	16.0	96.0	96.0	10.0	186.5	89.0	9.0	47.8	9.0	6.0	9.0	6.0	6.0	F04	21.8	21.3
3/4"	20.0	107.0	107.0	13.0	218.0	98.0	11.0	58.2	11.0	7.0	11.0	7.0	7.0	F05	27.4	26.7
1"	25.0	126.0	130.0	13.0	218.0	102.0	11.5	64.0	11.0	7.0	11.0	7.0	7.0	F06	34.1	33.4
1-1/4"	32.0	133.0	133.0	13.0	235.0	118.5	15.2	79.0	14.0	9.0	14.0	9.0	9.0	F07	42.7	42.2
1-1/2"	38.0	151.0	160.0	13.0	235.0	127.0	14.3	88.5	14.0	9.0	14.0	9.0	9.0	F08	49.0	48.3
2"	50.0	166.0	168.8	16.0	251.5	154.8	17.8	105.8	17.0	11.0	17.0	11.0	11.0	F09	61.0	60.3
2-1/2"	65.0	175.0	194.0	16.0	301.5	166.2	17.5	117.3	17.0	11.0	17.0	11.0	11.0	F10	77.0	73.0
3"	76.0	210.0	207.2	16.0	301.5	173.8	17.5	180.4	128.0	17.0	11.0	11.0	11.0	F11	90.2	88.9
4"	100.0	285.6		22.0		600.0		30.0	204.0	159.0	27.0	14.0	14.0	F12	115.3	

訂貨示例：

螺紋式BV4B-3DT-L-1/2NPT-XXXX-000

球閥類型	流向	接口尺寸	螺紋形式	內部代碼	閥體材質		中軸+球材質	閥座材質			
BV4B-3DT	L	1/2	NPT	XXXX	0		0		0		
	L	1/2	PT		0	CF8M	0	SUS316	0	PTFE	-15°C-150°C
	T	3/4	NPT		1	CF8	1	SUS304	1	PTFE+15%GL	-20°C-180°C
		1	G		2	CF3M	2	SUS316L	2	PTFE+50%SS	-28°C-220°C
		1-1/2	Rp		3	CF3	3	SUS304L	3	TFM1600	-57°C-180°C
		2	...						4	MG1241	-45°C-200°C
		2-1/2							8	TFM4215	-60°C-200°C
		3									
		4									

對焊式BV4B-3DB-L-1/2-XXXX-000

球閥類型	流向	接口尺寸	內部代碼								
BV4B-3DB	L	1/2	XXXX	0		0		0			
	L	1/2		0	CF8M	0	SUS316	0	PTFE	-15°C~150°C	
	T	3/4		1	CF8	1	SUS304	1	PTFE+15%GL	-20°C~180°C	
		1		2	CF3M	2	SUS316L	2	PTFE+50%SS	-28°C~220°C	
		1-1/2		3	CF3	3	SUS304L	3	TFM1600	-57°C~180°C	
		2						4	MG1241	-45°C~200°C	
		2-1/2						8	TFM4215	-60°C~200°C	
		3									
		4									

對焊式BV4B-3DB-L-1/2-XXXX-000

球閥類型	流向	接口尺寸	內部代碼								
BV4B-3DS	L	1/2	XXXX								
	L	1/2									
	T	3/4									
		1									
		1-1/2									
		2									
		2-1/2									
		3									
		4									

閥體材質		中軸+球材質		閥座材質		
0		0		0		
0	CF8M	0	SUS316	0	PTFE	-15°C~150°C
1	CF8	1	SUS304	1	PTFE+15%GL	-20°C~180°C
2	CF3M	2	SUS316L	2	PTFE+50%SS	-28°C~220°C
3	CF3	3	SUS304L	3	TFM1600	-57°C~180°C
				4	MG1241	-45°C~200°C
				8	TFM4215	-60°C~200°C

選型注意事項：1. 閥體，中軸，球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
2. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇。

BVR4-4DT四通縮徑不銹鋼球閥

產品特徵:

SPECIFICATIONS

- *公稱壓力: 1/4" ~ 2" 1000PSI WOG
Working Pressure: 1/4" ~ 2" 1000PSI WOG
 - *適用溫度範圍: -15 ~ 150°C(PTFE)
Temperature Range: -15 ~ 150°C(PTFE)
 - *防爆中軸 Blow-Out-Proof Stem Design
 - *防靜電裝置 Antistatic Device
 - *精密鑄造 Investment Casting
 - *固溶化處理 Solution Treatment
 - *連接形式: 內螺紋
End Types: Female Threaded
 - *四閥座 Four Seats
 - *ISO5211直接安裝執行機構平臺設計
ISO5211 Direct-Mounting of Actuators of Valves Design
 - *掛鎖裝置 (可選)
Locking Device (option)
 - *減流量 Reduced Bore
- 驅動方式: 可裝配氣動執行器和電動執行器



型號: BVR4-4DT

PORT TYPE	1	2	3	4
T				
L				
X				

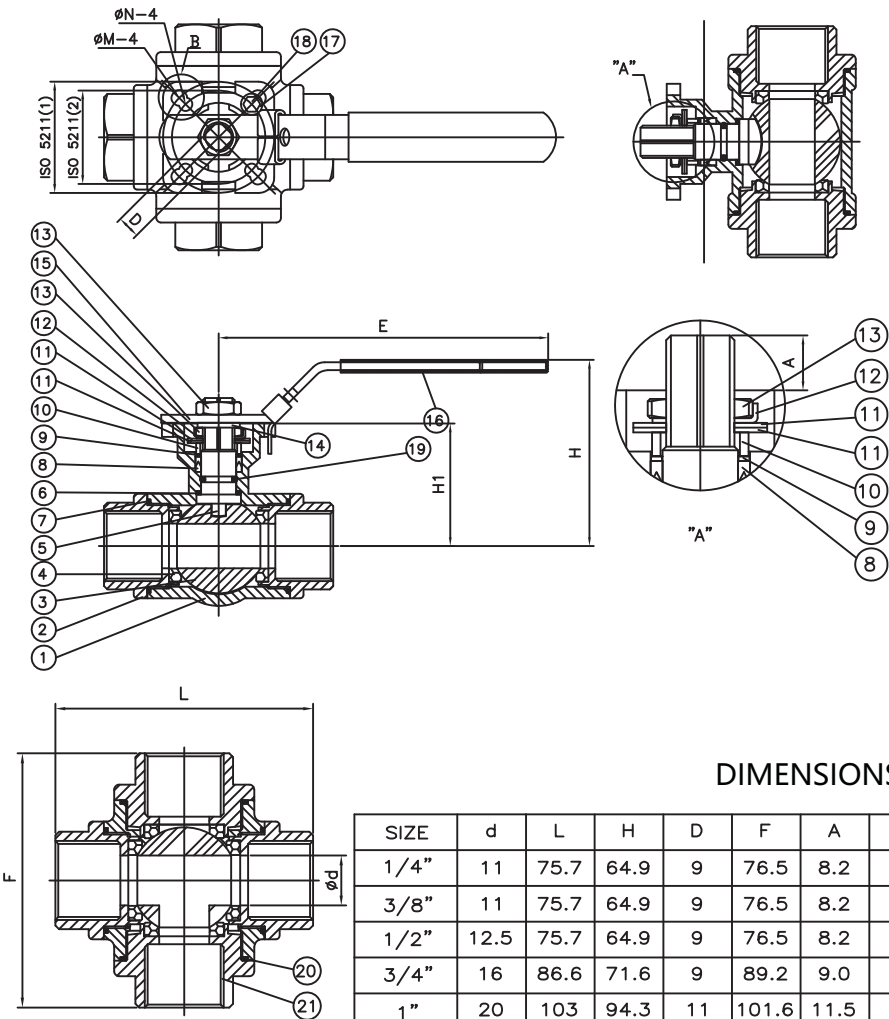
MATERIALS LIST

DRAW NO	PART NAME	MATERIAL
01	BODY	ASTM A351 Gr.CF8M
02	CAP	ASTM A351 Gr.CF8M
03	BALL	ASTM A351 Gr.CF8M
04	BALL SEATS	PTFE
05	STEM	S.S.316
06	THRUST WASHER	PTFE
07	END SEALS	PTFE
08	STEM PACKING	PTFE
09	THRUST WASHER	TFM1600
10	GLAND BUSH	S.S.304
11	BELLEVILLE WASHER	SUS304-CSP
12	STOP	S.S.304
13	HANDLE NUT	S.S.304
14	WASHER	S.S.304
15	HANDLE	S.S.304
16	HANDLE SLEEVE	VINYL GRIP
17	STOPPER	S.S.304
18	SCREEN	S.S.304
19	O-RING	VITON
20	END SEALS	PTFE
21	CAP	ASTM A351 Gr.CF8M

DIMENSIONS

Unit:mm

SIZE	d	L	H	D	F	A	N	M	E	H1	ISO 5211 (1)	ISO 5211 (2)	W (Kgf/Cm)
1/4"	11	75.7	64.9	9	76.5	8.2	6	6	132	36.8	F04 42	F03 36	33
3/8"	11	75.7	64.9	9	76.5	8.2	6	6	132	36.8	F04 42	F03 36	33
1/2"	12.5	75.7	64.9	9	76.5	8.2	6	6	132	36.8	F04 42	F03 36	33
3/4"	16	86.6	71.6	9	89.2	9.0	6	6	132	44.1	F04 42	F03 36	50
1"	20	103	94.3	11	101.6	11.5	6	7	180	55.1	F05 50	F04 42	90
1 1/4"	25	118.2	100	11	115.4	11.5	6	7	180	60.7	F05 50	F04 42	170
1 1/2"	32	125.8	115.7	14	125.2	15.1	7	9	225	75.2	F07 70	F05 50	220
2"	38	149	124.9	14	148.6	15.1	7	9	225	84.4	F07 70	F05 50	380



BVR4-4DT訂貨說明

訂貨示例：

BVR4-4DT-I-1/4NPT-XXXX-000

球閥類型	流向	接口尺寸	螺紋形式	內部代碼	閥體材質	中軸+球材質	閥座材質	
BVR4-4DT	I	1/4	NPT	XXXX	0	0	0	
BVR4-4DT	I	1/4	BSPT		0 CF8M	0 SUS316	0 PTFE	-45°C-160°C
	L	3/8	NPT		1 CF8	1 SUS304	3 TFM1600	-57°C-180°C
	T	1/2	G		2 CF3M	2 SUS316L		
	X	3/4	Rp		3 CF3	3 SUS304L		
		1	...					
		1-1/4						
		1-1/2						
		2						

選型注意事項：1. 閥體，中軸，球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
2. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇。

BV4B-4D 四通全徑不銹鋼球閥

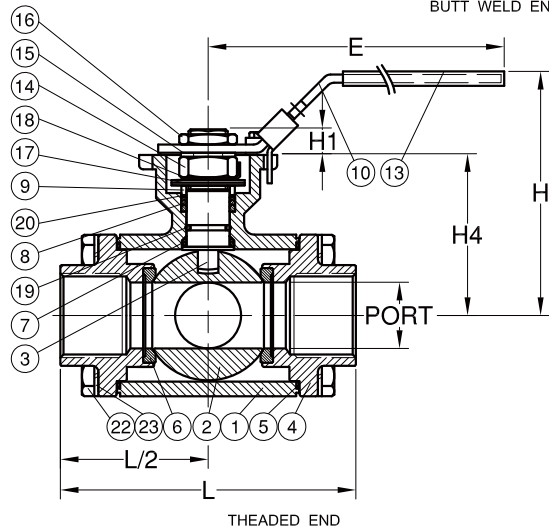
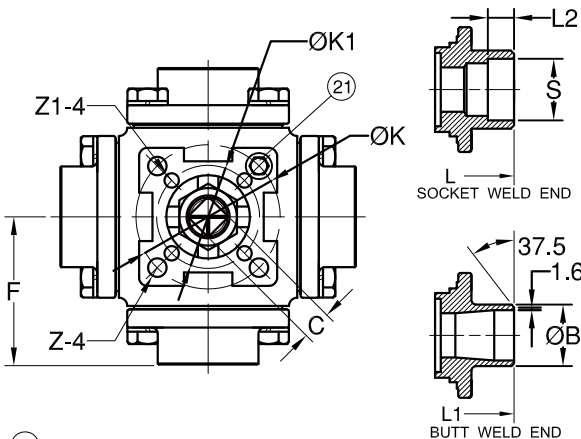
產品特徵:

SPECIFICATIONS

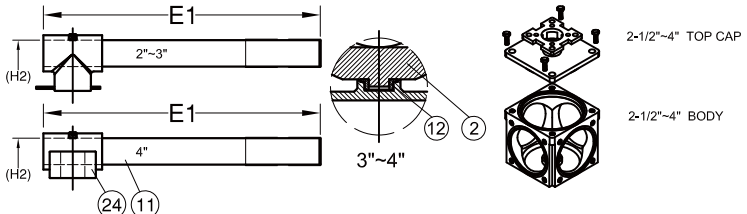
- *公稱壓力: 1/2" ~4" 1000WOG
Working Pressure: 1/2" ~4" 1000WOG
- *適用溫度範圍: -15 ~ 150°C(PTFE)
Temperature Range: -20 ~ 150°C(PTFE)
- *防爆中軸 Blow-Out-Proof Stem Design
- *防靜電裝置 Antistatic Device
- *精密鑄造 Investment Casting
- *固溶化處理 Solution Treatment
- *連接形式: 內螺紋、對焊、承插焊
End Types: Female Threaded, BUTT WELD, SOCKET WELD
- *四閥座 Four Seats
- *ISO5211直接安裝執行機構平臺設計
ISO5211 Direct-Mounting of Actuators of Valves Design
- *掛鎖裝置 (可選)
Locking Device (option)
- *全流量
Full Port
- 驅動方式: 可裝配氣動執行器和電動執行器



型號: BV4B-4DT/B/S



PORT TYPE	1	2	3	4
T				
L				
X				



MATERIALS LIST

NO.	PART NAME	MATERIAL	QTY
1	BODY	ASTM A351 Gr.CF8M	1
2	BALL	ASTM A351 Gr.CF8M	1
3	STEM	SS316	1
4	END CAP	ASTM A351 Gr.CF8M	4
5	BODY SEAL	PTFE.	4-5
6	SEAT	RTFE.	4
7	THRUST WASHER	RTFE.	1
8	STEM PACKING	RTFE.	1SET
9	GLAND BUSH	SS304	1
10	HANDLE	SS304	1
11	TUBE HANDLE	CAST IRON	1
12	BUSHING	PTFE.	1
13	HANDLE COVER	PLASTIC	1
14	STEM NUT	SS304	1
15	HANDLE WASHER	SS304	1
16	HANDLE NUT	SS304	1
17	BELLEVILLE WASHER	SS301	2
18	TAB WASHER	SS304	1
19	O-RING	VITON	1
20	PACKING FOLLOWER	PTFE.+25%GF	1
21	STOP PIN	SS304	1SET
22	BOLT	SS304	16
23	BOLT WASHER	SS304	16
24	HANDLE ADAPTER	ASTM A351 Gr.CF8	1

DIMENSIONS

unit:mm

SIZE	PORT	L	L1	E	E1	H	H1	H2	H4	C	F	ØK	ØK1	Z-4	Z1-4	ØS	L2	ØB
DN15	1/2"	16	96	96	186.5	89	9		47.8	9.0	48.0	42		6.0		21.8	10	21.3
DN20	3/4"	20	107	107	218	98	11		58.2	11.0	53.5	50		7.0		27.4	13	26.7
DN25	1"	25	126	126	218	102	11.5		64	11.0	63.0	50		7.0		34.1	13	33.4
DN32	1-1/4"	32	133	133	235	118.5	15.2		79	14.0	66.5	70	50	9.0	7.0	42.7	13	42.2
DN40	1-1/2"	38	151	151	235	127	14.3		88.5	14.0	75.5	70	50	9.0	7.0	49.0	13	48.3
DN50	2"	50	166	166	252	154.8	17.8	161.4	105.8	17.0	83.0	102	70	11.0	9.0	61.0	16	60.3
DN65	2-1/2"	65	175	194	302	166.2	17.5	172.8	117.3	17.0	87.5	102	70	11.0	9.0	77.0	16	73.0
DN80	3"	76	210	207.2	302	173.8	17.5	180.4	128	17.0	103.6	102	70	11.0	9.0	90.2	16	88.9
DN100	4"	100	285.6		600		30	204	159	27.0	103.6	125		14.0		115.3	22	

BV4B-4D訂貨說明

訂貨示例：

螺紋式BV4B-4DT-L-1/2NPT-XXXX-000

球閥類型	流向	接口尺寸	螺紋形式	內部代碼	閥體材質	中軸+球材質	閥座材質	
BV4B-4DT	I	1/2	NPT	XXXX	0	0	0	
	I	1/2	PT		0	CF8M	0	SUS316
	L	3/4	NPT		1	CF8	1	SUS304
	T	1	G		2	CF3M	2	SUS316L
	X	1-1/2	Rp		3	CF3	3	SUS304L
		2	...				4	TFM1600
		2-1/2					8	MG1241
		3						TFM4215
		4						

對焊式BV4B-4DB-L-1/2-XXXX-000

球閥類型	流向	接口尺寸	內部代碼	閥體材質	中軸+球材質	閥座材質	
BV4B-4DB	I	1/2	XXXX	0	0	0	
	I	1/2		0	CF8M	0	SUS316
	L	3/4		1	CF8	1	SUS304
	T	1		2	CF3M	2	SUS316L
	X	1-1/2		3	CF3	3	SUS304L
		2				4	TFM1600
		2-1/2				8	MG1241
		3					TFM4215
		4					

承插焊式BV4B-4DS-L-1/2-XXXX-000

球閥類型	流向	接口尺寸	內部代碼	閥體材質	中軸+球材質	閥座材質	
BV4B-4DS	I	1/2	XXXX	0	0	0	
	I	1/2		0	CF8M	0	SUS316
	L	3/4		1	CF8	1	SUS304
	T	1		2	CF3M	2	SUS316L
	X	1-1/2		3	CF3	3	SUS304L
		2				4	TFM1600
		2-1/2				8	MG1241
		3					TFM4215
		4					

- 選型注意事項：
1. 閥體，中軸，球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
 2. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇。

BV5B-4DT-B不鏽鋼四通球閥

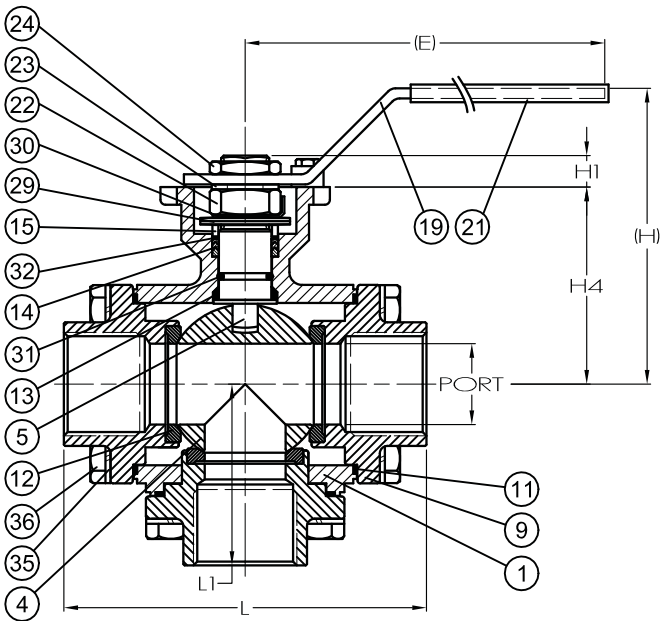
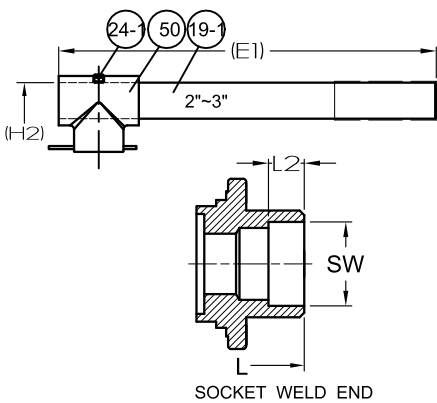
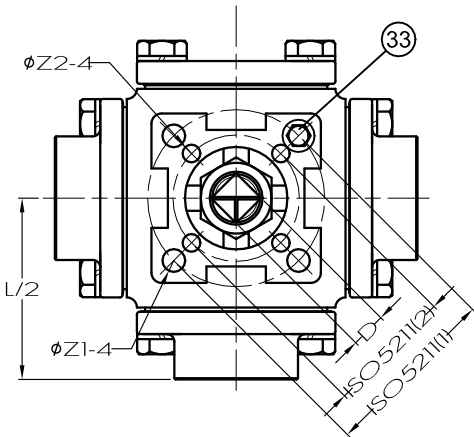
產品特徵:

SPECIFICATIONS

- *公稱壓力: 1/2" ~4" 1000PSI WOG
Working Pressure: 1/2" ~4" 1000PSI WOG
- *適用溫度範圍: -15 ~ 150°C(PTFE)
Temperature Range: -15 ~ 150°C(PTFE)
- *防爆中軸 Blow-Out-Proof Stem Design
- *ISO5211直接安裝執行器安裝平台設計
ISO5211 Direct-Mounting of Actuators of Valves Design
- *挂鎖裝置 (可選)
Locking Device (option)
- *全流量 Full port
- *5組閥座設計 5 Seats Design
- *連接形式: 內螺紋
End Types: Female Threaded
- 驅動方式: 可裝配氣動執行器和電動執行器



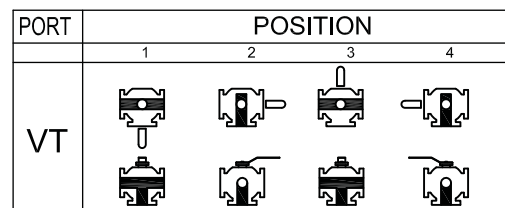
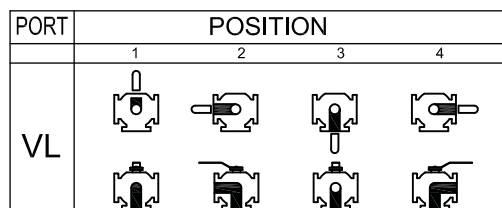
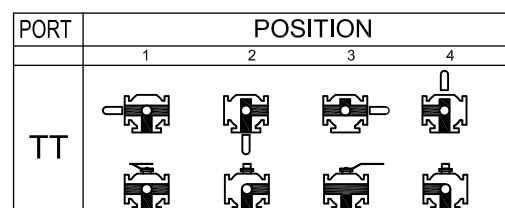
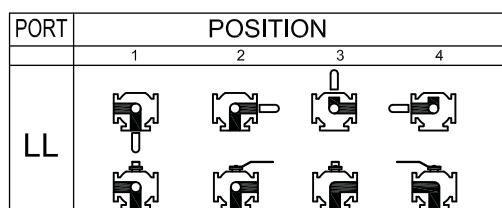
型號: BV5B-4DT-B



MATERIALS LIST

NO.	PART NAME	MATERIAL	Q'TY
1	BODY	ASTM A351 Gr.CF8M	1
4	BALL	ASTM A351 Gr.CF8M	1
5	STEM	SS316	1
9	END CAP	ASTM A351 Gr.CF8M	5
11	BODY SEAL		5
12	SEAT	RTFE	5
13	THRUST WASHER	RTFE	1
14	STEM PACKING	RTFE	1SET
15	GLAND	SS304	1
19	HANDLE	SS304	1
19-1	HANDLE	SS304	1
21	HANDLE COVER	PLASTIC	1
22	STEM NUT	SS304	1
23	HANDLE WASHER	SS304	1
24	HANDLE NUT	SS304	1
24-1	HANDLE NUT	SS304	1
29	BELLEVILLE WASHER	SUS301	2
30	STOP WASHER	SS304	1
31	O-RING	VITON	1
32	PACKING FOLLOWER	PTFE.+25%GF	1
33	STOP PIN	SS304	1SET
35	BOLT	SS304	20
36	BOLT WASHER	SS304	20
50	HANDLE ADAPTER	CF8	1

BV5B-4DT/B/S-B不鏽鋼四通球閥



DIMENSIONS

															unit:mm	
SIZE	PORT	L	L1	L2	E	E1	H	H1	H2	H4	D	Z1	Z2	ISO 5211	SW	
1/2"	16.0	96.0	48.6	10.0	186.5		89.0	9.0		47.8	9.0	6.0		42 F04	21.8	
3/4"	20.0	107.0	54.1	13.0	218.0		98.0	11.0		58.2	11.0	7.0		50 F05	27.4	
1"	25.0	126.0	63.6	13.0	218.0		102.0	11.5		64.0	11.0	7.0		50 F05	34.1	
1-1/4"	32.0	133.0	67.2	13.0	235.0		118.5	15.2		79.0	14.0	9.0	7.0	50 F05	42.7	
1-1/2"	38.0	151.0	76.2	13.0	235.0		127.0	14.3		88.5	14.0	9.0	7.0	50 F05	49.0	
2"	50.0	166.0	83.7	16.0	251.5	400.0	154.8	17.8	161.4	105.8	17.0	11.0	9.0	70 F07	61.0	

註：更多尺寸，請諮詢供應商。

BV5B-4DT/B/S-B訂貨說明

訂貨示例：

螺紋式BV5B-4DT--B-LL-1/2NPT-XXXX-000

球閥類型	流向	接口尺寸	螺紋形式	內部代碼	閥體材質	中軸+球材質	閥座材質
BV5B-4DT-B	LL	1/2	NPT	XXXX	0	0	0
BV5B-4DT-B	LL	1/2	BSPT		0	0	0
BV5B-4DB-B	TT	3/4	NPT		0	0	0
BV5B-4DS-B	VL	1	G		0	0	0
	VT	1-1/2	Rp		0	0	0
		2	...		0	0	0
		2-1/2			0	0	0
		3			0	0	0
		4			0	0	0

0	CF8M	0	SUS316	0	PTFE	-15°C-150°C
1	CF8	1	SUS304	1	PTFE+15%GL	-20°C-180°C
2	CF3M	2	SUS316L	2	PTFE+50%SS	-28°C-220°C
3	CF3	3	SUS304L	3	TFM1600	-57°C-180°C
				4	MG1241	-45°C-200°C
				8	TFM4215	-60°C-200°C

選型注意事項：1. 閥體，中軸，球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
2. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇。

BV5B-5D不鏽鋼五通球閥

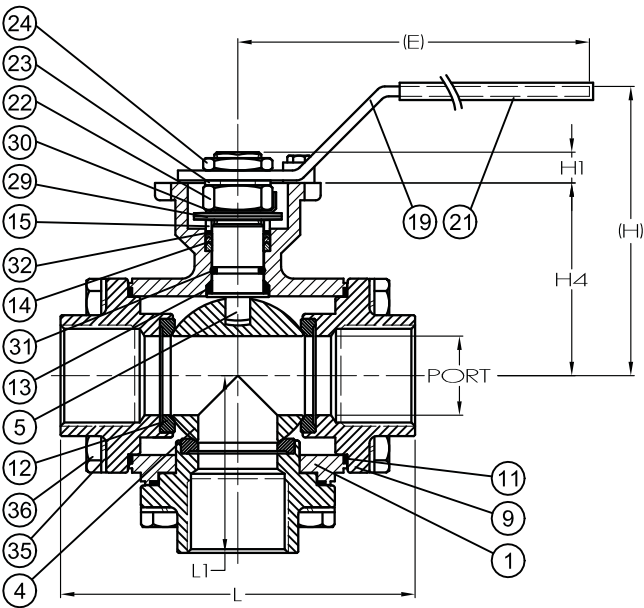
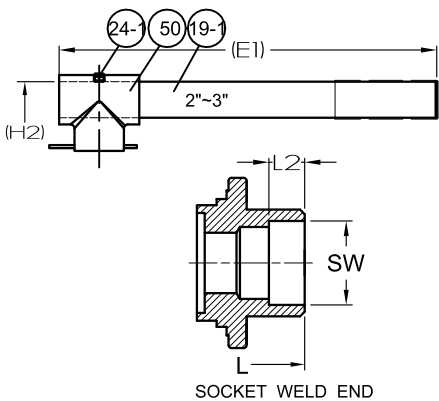
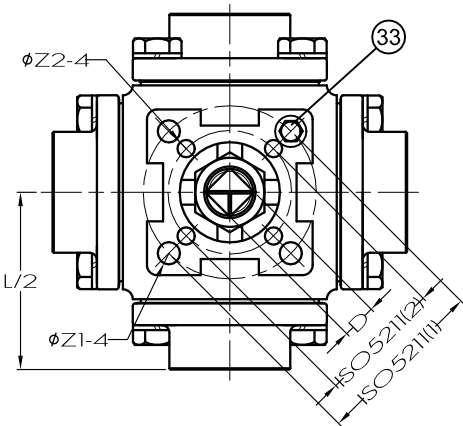
產品特徵:

SPECIFICATIONS

- *公稱壓力: 1/2" ~4" 1000PSI WOG
Working Pressure: 1/2" ~4" 1000PSI WOG
 - *適用溫度範圍: -15 ~ 150°C(PTFE)
Temperature Range: -15 ~ 150°C(PTFE)
 - *連接形式: 內螺紋、對焊、承插焊
End Types: Female Threaded, BUTT WELD, SOCKET WELDED
 - *防爆中軸 Blow-Out-Proof Stem Design
 - *ISO5211直接安裝執行器安裝平台設計
ISO5211 Direct-Mounting of Actuators of Valves Design
 - *挂鎖裝置 (可選)
Locking Device (option)
 - *全流量 Full port
 - *5組閥座設計 5 Seats Design
- 驅動方式: 可裝配氣動執行器和電動執行器配置表



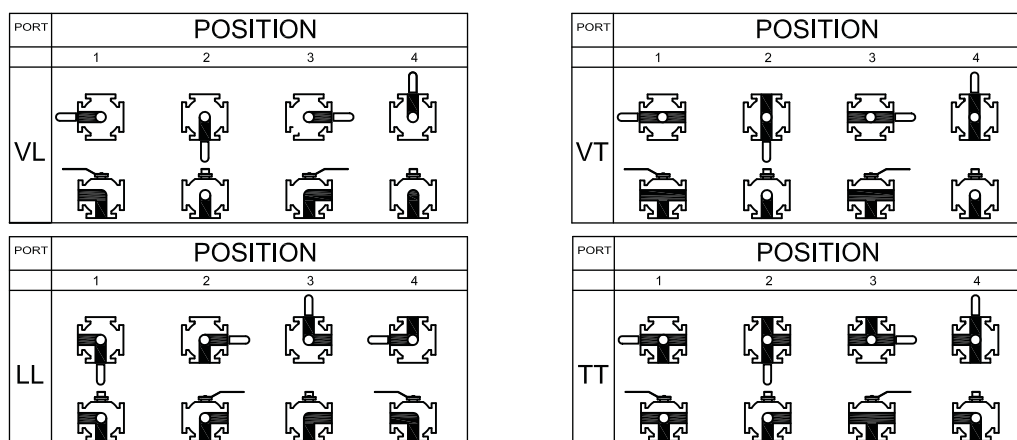
型號: BV5B-5D



MATERIALS LIST

NO.	PART NAME	MATERIAL	Q'TY
1	BODY	ASTM A351 Gr.CF8M	1
4	BALL	ASTM A351 Gr.CF8M	1
5	STEM	SS316	1
9	END CAP	ASTM A351 Gr.CF8M	5
11	BODY SEAL		5
12	SEAT	RTFE	5
13	THRUST WASHER	RTFE	1
14	STEM PACKING	RTFE	1SET
15	GLAND	SS304	1
19	HANDLE	SS304	1
19-1	HANDLE	SS304	1
21	HANDLE COVER	PLASTIC	1
22	STEM NUT	SS304	1
23	HANDLE WASHER	SS304	1
24	HANDLE NUT	SS304	1
24-1	HANDLE NUT	SS304	1
29	BELLEVILLE WASHER	SUS301	2
30	STOP WASHER	SS304	1
31	O-RING	VITON	1
32	PACKING FOLLOWER	PTFE.+25%GF	1
33	STOP PIN	SS304	1SET
35	BOLT	SS304	20
36	BOLT WASHER	SS304	20
50	HANDLE ADAPTER	CF8	1

BV5B-5DT/B/S不鏽鋼五通球閥



DIMENSIONS

SIZE	PORT	L	L1	L2	E	E1	H	H1	H2	H4	D	Z1	Z2	ISO 5211	SW
1/2"	16.0	96.0	48.6	10.0	186.5		89.0	9.0		47.8	9.0	6.0		42 F04	21.8
3/4"	20.0	107.0	54.1	13.0	218.0		98.0	11.0		58.2	11.0	7.0		50 F05	27.4
1"	25.0	126.0	63.6	13.0	218.0		102.0	11.5		64.0	11.0	7.0		50 F05	34.1
1-1/4"	32.0	133.0	67.2	13.0	235.0		118.5	15.2		79.0	14.0	9.0	7.0	50 F05 70 F07	42.7
1-1/2"	38.0	151.0	76.2	13.0	235.0		127.0	14.3		88.5	14.0	9.0	7.0	50 F05 70 F07	49.0
2"	50.0	166.0	83.7	16.0	251.5	400.0	154.8	17.8	161.4	105.8	17.0	11.0	9.0	70 F07 102 F10	61.0

註：更多尺寸，請諮詢供應商。

BV5B-5DT/B/S訂貨說明

訂貨示例：

螺紋式BV5B-5DT-LL-1/2NPT-XXXX-000

球閥類型	流向	接口尺寸	螺紋形式	內部代碼	閥體材質	中軸+球材質	閥座材質
BV5B-5DT	LL	1/2	NPT	XXXX	0	0	0
BV5B-5DT	LL	1/2	BSPT		0	0	0
BV5B-5DB	TT	3/4	NPT		1	1	1
BV5B-5DS	VL	1	G		2	2	2
	VT	1-1/2	Rp		3	3	3
		2	...				4
		2-1/2					8
		3					
		4					

選型注意事項：1. 閥體，中軸，球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
2. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇。

BV4B-3DF-PN16三通高平台法蘭球閥

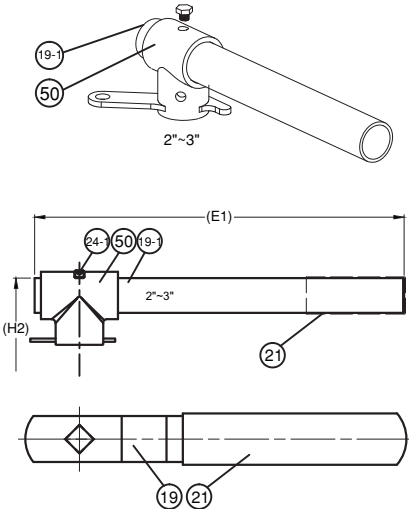
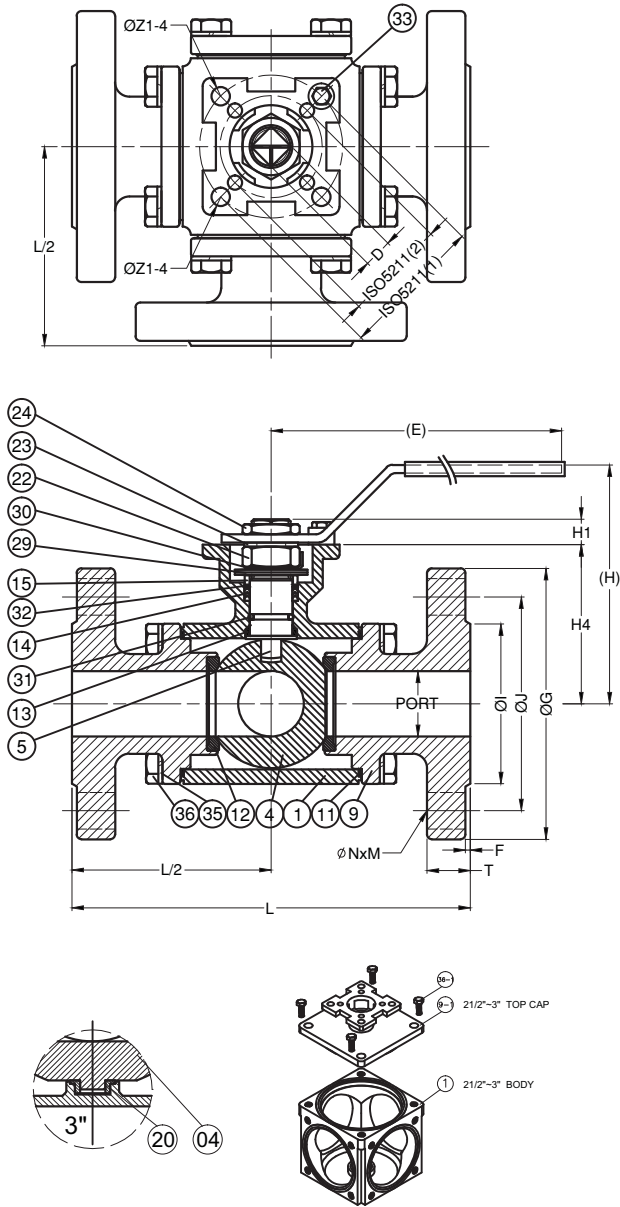
產品特征:

SPECIFICATIONS

- *公稱壓力: 1/2" ~6" PN16
Working Pressure: 1/2" ~6" PN16
- *適用溫度範圍: -15 ~ 150°C(PTFE)
Temperature Range: -15 ~ 150°C(PTFE)
- *防爆中軸 Blow-Out-Proof Stem Design
- *ISO5211安裝執行器平台設計
ISO5211 Direct-Mounting of Actuators of Valves Design
- *法蘭尺寸: EN1092-1 TYPE 21
- *全流量
Full port I/L/T/X
- *驅動方式: 手柄/執行器
Operator: Lever/Actuator



型号: BV4B-3DF-PN16



MATERIALS LIST

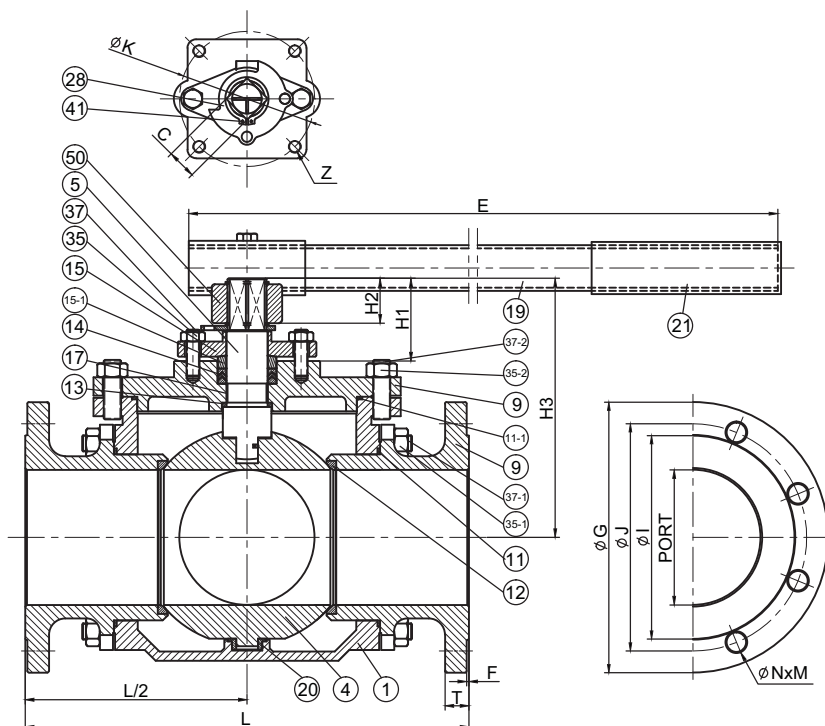
NO.	PART NAME	MATERIAL		QTY
1	BODY	EN10213-4 1.4408	EN10213-2 1.0619	1
4	BALL	ASTM A351 CF8M	ASTM A351 CF8	1
5	STEM	SS316	SS304	1
9	END CAP	EN10213-4 1.4408	EN10213-2 1.0619	4
9-1	TOP CAP	EN10213-4 1.4408	EN10213-2 1.0619	1
11	BODY SEAL	PTFE.	PTFE.	4~5
12	SEAT	RTFE	RTFE	4
13	THRUST WASHER	RTFE	RTFE	1
14	STEM PACKING	RTFE	RTFE	1SET
15	GLAND	SS304	SS304	1
19	HANDLE	SS304	SS304	1
19-1	HANDLE	SS304	SS304	1
20	BUSHING	PTFE.	PTFE.	1
21	HANDLE COVER	PLASTIC	PLASTIC	1
22	STEM NUT	SS304	SS304	1
23	HANDLE WASHER	SS304	SS304	1
24	HANDLE NUT	SS304	SS304	1
24-1	HANDLE NUT	SS304	SS304	1
29	BELLEVILLE WASHER	SUS301	SUS301	2
30	STOP WASHER	SS304	SS304	1
31	O-RING	VITON	VITON	1
32	PACKING FOLLOWER	PTFE.+25%GF	PTFE.+25%GF	1
33	STOP PIN	SS304	SS304	1SET
35	BOLT	SS304	SS304	16
36	BOLT WASHER	SS304	SS304	16
36-1	BOLT WASHER	SS304	SS304	4
50	HANDLE ADAPTER	CF8	CF8	1

PN16 DIMENSIONS

SIZE	PORT	L	E	E1	H	H1	H2	H4	D	G	J	I	T	F	M	N	Z1	Z2	ISO 5211
DN15	16.0	158.0	186.5		89.0	9.0		47.8	9.0	95.0	65.0	45.0	16.0	2.0	4	14	6.0		42
DN20	20.0	169.0	218.0		98.0	11.0		58.2	11.0	105.0	75.0	58.0	18.0	2.0	4	14	7.0		F04
DN25	25.0	185.0	218.0		102.0	11.5		64.0	11.0	115.0	85.0	68.0	18.0	2.0	4	14	7.0		50
DN32	32.0	195.0	235.0		118.5	15.2		79.0	14.0	140.0	100.0	78.0	18.0	2.0	4	18	9.0	7.0	F05
DN40	38.0	232.0	235.0		127.0	14.3		88.5	14.0	150.0	110.0	88.0	18.0	2.0	4	18	9.0	7.0	50
DN50	50.0	253.0	251.5	400.0	154.8	17.8	161.4	105.8	17.0	165.0	125.0	102.0	20.0	2.0	4	18	11.0	9.0	F05
DN65	65.0	270.0	301.5	400.0	166.2	17.5	172.8	117.3	17.0	185.0	145.0	122.0	18.0	2.0	4	18	11.0	9.0	70
DN80	76.0	292.2	301.5	400.0	173.8	17.5	180.4	128.0	17.0	200.0	160.0	138.0	20.0	2.0	8	18	11.0	9.0	F07

unit:mm

42	F04	50	F05	50	F05	70	F07	70	F07	70	F07	70	F07	70	F07	70	F07	70	F07
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MATERIALS LIST

NO.	PART NAME	MATERIAL	Q'TY
1	BODY	1.4408/EN1503-1	1
4	BALL	1.4408/EN1503-1	1
5	STEM	SS316	1
9	END CAP	1.4408/EN1503-1	4
11	BODY SEAL	PTFE	4
11-1	TOP SEAL	PTFE	1
12	SEAT	RTFE	4
13	THRUST WASHER	RTFE	1
14	STEM PACKING	RTFE	1 SET
15	GLAND	SS304	1
15-1	GLAND BUSH	SS304	1
17	STEM BUSHING	RTFE	1
19	HANDLE	LRON	1
20	BUSHING	PTFE	1
21	HANDLE COVER	PLASTIC	1
28	STOP PLATE	SS304	1
35	BODY BOLT	SS304	2
35-1	BODY BOLT	SS304	16and24
35-2	BODY BOLT	SS304	4and6
37	BOLT NUT	SS304	2
37-1	BOLT NUT	SS304	16and24
37-2	BOLT NUT	SS304	4and6
41	SNAP RING	SS304	2
50	HANDLE ADAPTER	SS304	1

BV4B-3DF-PN16三通法蘭球閥流向

PORT	POSITION			
	1	2	3	4
L				
T				

PN16 DIMENSIONS

unit:mm

SIZE	PORT	L	E	H1	H2	H3	C	ØG	ØJ	ØI	T	F	M	ØN	ØK	Z
DN100	100	360	600	70.0	33.0	193.0	27.0	220.0	180.0	158.0	20.0	2.0	8	18	125	M12X1.75P
DN125	125	416	600	70.0	33.0	233.0	27.0	250.0	210.0	188.0	22.0	2.0	8	18	125	M12X1.75P
DN150	150	472.6	800	77.5	43.5	266.0	36.0	285.0	240.0	212.0	22.0	2.0	8	22	140	M16X2.0P

FLANGE DIMENSION: EN 1092-1:2001

BV4B-3DF-PN16訂貨說明

訂貨示例：

法蘭式BV4B-3DF-PN16-L-15-XXXX-000

球閥類型	流向	接口尺寸	內部代碼	閥體材質		中軸+球材質		閥座材質	
BV4B-3DF-PN16	L	15	XXXX	0	CF8M	0	SUS316	0	PTFE
BV4B-3DF-PN16	L	15		1	CF8	1	SUS304	1	PTFE+15%GL
	T	20		2	CF3M	2	SUS316L	2	PTFE+50%SS
		25		3	CF3	3	SUS304L	3	TFM1600
		32						4	MG1241
		40						8	TFM4215
		50							
		65							
		80							
		100							
		125							
		150							

選型注意事項：1. 閥體，中軸，球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
2. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇。

BV4B-3DF-150三通高平台法蘭球閥

產品特征:

SPECIFICATIONS

*公稱壓力: 1/2" ~ 6" CLASS 150

Working Pressure: 1/2" ~ 6" CLASS 150

*適用溫度範圍: -15 ~ 150°C(PTFE)

Temperature Range: -15 ~ 150°C(PTFE)

*防爆中軸 Blow-Out-Proof Stem Design

*ISO5211安裝執行器平台設計

ISO5211 Direct-Mounting of Actuators of Valves Design

*法蘭尺寸: ASME B16.5

*全流量

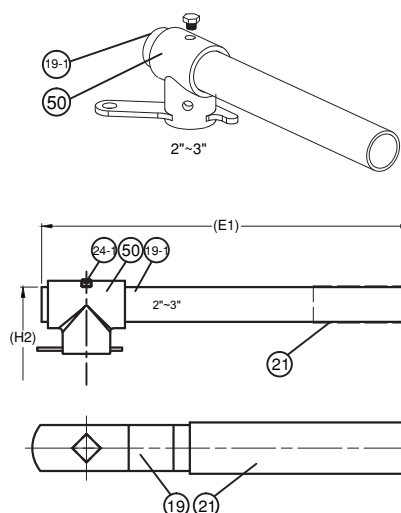
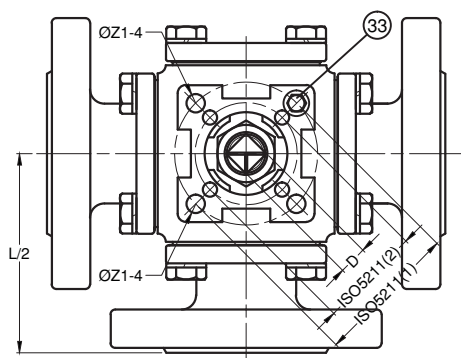
Full port I/L/T/X

*驅動方式: 手柄/執行器

Operator: Lever/Actuator

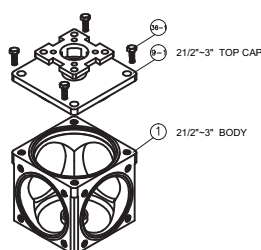
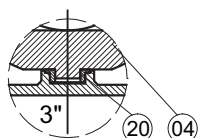
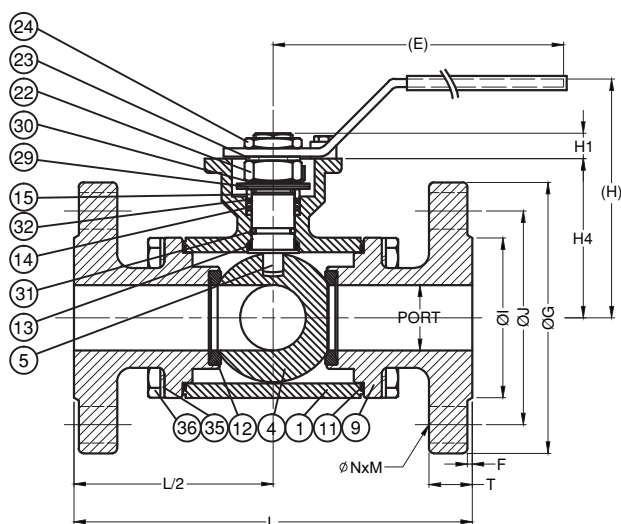


型号: BV4B-3DF-150



MATERIALS LIST

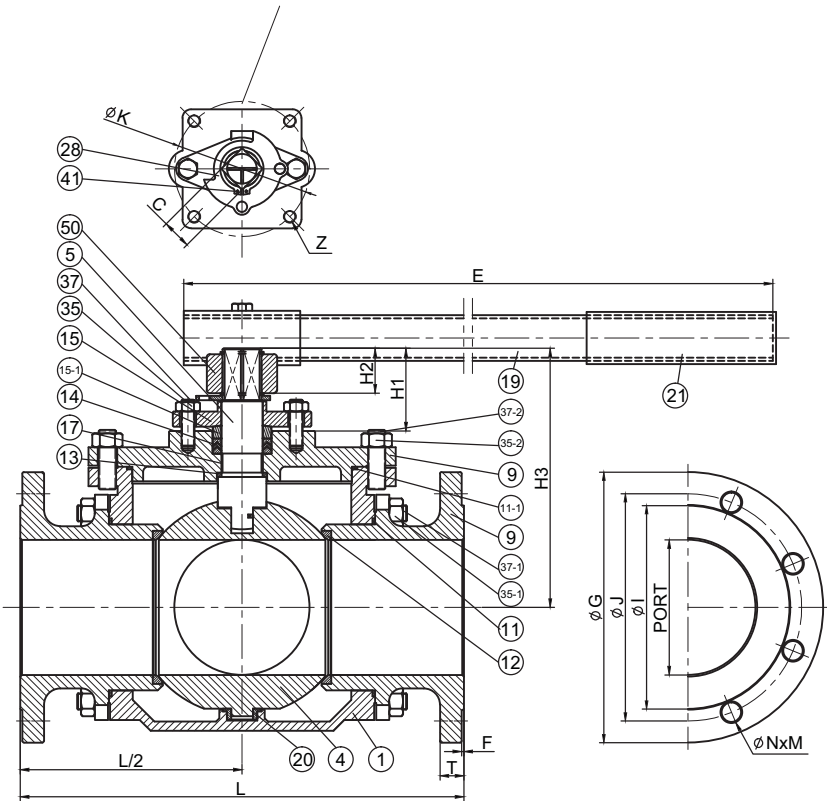
NO.	PART NAME	MATERIAL		QTY
1	BODY	EN10213-4 1.4408	EN10213-2 1.0619	1
4	BALL	ASTM A351 CF8M	ASTM A351 CF8	1
5	STEM	SS316	SS304	1
9	END CAP	EN10213-4 1.4408	EN10213-2 1.0619	4
9-1	TOP CAP	EN10213-4 1.4408	EN10213-2 1.0619	1
11	BODY SEAL	PTFE.	PTFE.	4~5
12	SEAT	RTFE	RTFE	4
13	THRUST WASHER	RTFE	RTFE	1
14	STEM PACKING	RTFE	RTFE	1SET
15	GLAND	SS304	SS304	1
19	HANDLE	SS304	SS304	1
19-1	HANDLE	SS304	SS304	1
20	BUSHING	PTFE.	PTFE.	1
21	HANDLE COVER	PLASTIC	PLASTIC	1
22	STEM NUT	SS304	SS304	1
23	HANDLE WASHER	SS304	SS304	1
24	HANDLE NUT	SS304	SS304	1
24-1	HANDLE NUT	SS304	SS304	1
29	BELLEVILLE WASHER	SUS301	SUS301	2
30	STOP WASHER	SS304	SS304	1
31	O-RING	VITON	VITON	1
32	PACKING FOLLOWER	PTFE.+25%GF	PTFE.+25%GF	1
33	STOP PIN	SS304	SS304	1SET
35	BOLT	SS304	SS304	16
36	BOLT WASHER	SS304	SS304	16
36-1	BOLT WASHER	SS304	SS304	4
50	HANDLE ADAPTER	CF8	CF8	1



CLASS150 DIMENSIONS

unit:mm

SIZE	PORT	L	E	E1	H	H1	H2	H4	D	G	J	I	T	F	M	N	Z1	Z2	ISO 5211
1/2"	16.0	147.4	186.5		89.0	9.0		47.8	9.0	89.0	60.5	35.0	11.2	1.60	4	16	6.0		42 F04
3/4"	20.0	155.8	218.0		98.0	11.0		58.2	11.0	98.6	70.0	43.0	12.7	1.60	4	16	7.0		50 F05
1"	25.0	168.8	218.0		102.0	11.5		64.0	11.0	108.0	79.2	51.0	14.3	1.60	4	16	7.0		50 F05
1-1/4"	32.0	197.9	235.0		118.5	15.2		79.0	14.0	117.5	88.9	63.5	15.9	1.60	4	16	9.0	7.0	50 F05 70 F07
1-1/2"	38.0	221.4	235.0		127.0	14.3		88.5	14.0	127.0	98.6	73.2	17.5	1.60	4	16	9.0	7.0	50 F05 70 F07
2"	50.0	244.6	251.5	400.0	154.8	17.8	161.4	105.8	17.0	152.5	120.7	92.0	19.1	1.60	4	19	11.0	9.0	70 F07 102 F10
2-1/2"	65.0	270.0	301.5	400.0	166.2	17.5	172.8	117.3	17.0	177.8	139.7	104.7	23.3	1.60	4	19	11.0	9.0	70 F07 102 F10
3"	76.0	292.2	301.5	400.0	173.8	17.5	180.4	128.0	17.0	190.5	152.4	127.0	23.9	1.60	4	19	11.0	9.0	70 F07 102 F10



MATERIALS LIST

NO.	PART NAME	MATERIAL	Q'TY
1	BODY	1.4408/EN1503-1	1
4	BALL	1.4408/EN1503-1	1
5	STEM	SS316	1
9	END CAP	1.4408/EN1503-1	4
11	BODY SEAL	PTFE	4
11-1	TOP SEAL	PTFE	1
12	SEAT	RTFE	4
13	THRUST WASHER	RTFE	1
14	STEM PACKING	RTFE	1 SET
15	GLAND	SS304	1
15-1	GLAND BUSH	SS304	1
17	STEM BUSHING	RTFE	1
19	HANDLE	LRON	1
20	BUSHING	PTFE	1
21	HANDLE COVER	PLASTIC	1
28	STOP PLATE	SS304	1
35	BODY BOLT	SS304	2
35-1	BODY BOLT	SS304	16and24
35-2	BODY BOLT	SS304	4and6
37	BOLT NUT	SS304	2
37-1	BOLT NUT	SS304	16and24
37-2	BOLT NUT	SS304	4and6
41	SNAP RING	SS304	2
50	HANDLE ADAPTER	SS304	1

BV4B-3DF-PN16三通法蘭球閥流向

PORT	POSITION			
	1	2	3	4
L				
T				

CLASS150 DIMENSIONS

unit:mm

SIZE	PORT	L	E	H1	H2	H3	C	ϕG	ϕJ	ϕI	T	F	M	ϕN	ϕK	Z
DN100	100	368.0	600	70.0	33.0	193.0	27.0	228.6	190.5	157.2	23.9	1.6	8	19.0	125	M12X1.75P
DN125	125	420.0	600	70.0	33.0	233.0	27.0	254.0	216.0	186.0	24.0	1.6	8	22.3	125	M12X1.75P
DN150	150	479.4	800	77.5	43.5	266.0	36.0	279.4	241.3	216.0	25.4	1.6	8	22.3	140	M16X2.0P

FLANGE DIMENSION: ASME B16.5

BV4B-3DF-150訂貨說明

訂貨示例：

法蘭式BV4B-3DF-150-L-1/2-XXXX-000

球閥類型	流向	接口尺寸	內部代碼	閥體材質	中軸+球材質	閥座材質
BV4B-3DF-150	L	1/2	XXXX	0	0	0
BV4B-3DF-150	L	1/2		0	CF8M	0
	T	3/4		1	SUS316	0
		1		1	SUS304	1
		1-1/4		2	SUS316L	2
		1-1/2		3	SUS304L	3
		2				4
		2-1/2				8
		3				
		4				
		5				
		6				

選型注意事項：1. 閥體，中軸，球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
2. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇。

BV4B-4DF-PN16四通高平台法蘭球閥

產品特征:

SPECIFICATIONS

*公稱壓力: 1/2" ~ 6" PN16

Working Pressure: 1/2" ~ 6" PN16

*適用溫度範圍: -15 ~ 150°C(PTFE)

Temperature Range: -15 ~ 150°C(PTFE)

*防爆中軸 Blow-Out-Proof Stem Design

*ISO5211安裝執行器平台設計

ISO5211 Direct-Mounting of Actuators of Valves Design

*法蘭尺寸: EN1092-1 TYPE 21

*全流量

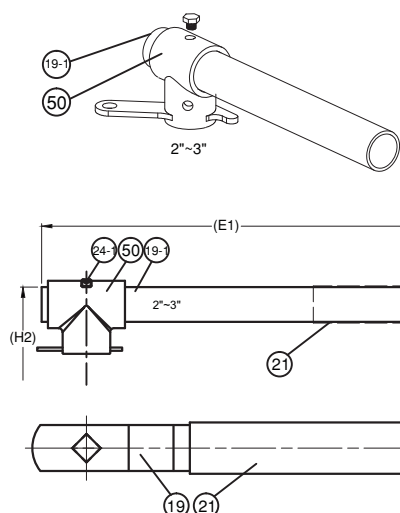
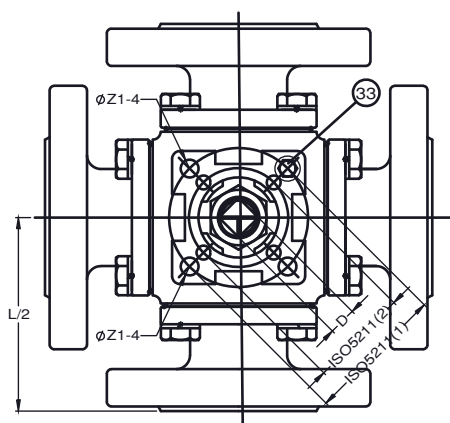
Full port I/L/T/X

*驅動方式: 手柄/執行器

Operator: Lever/Actuator

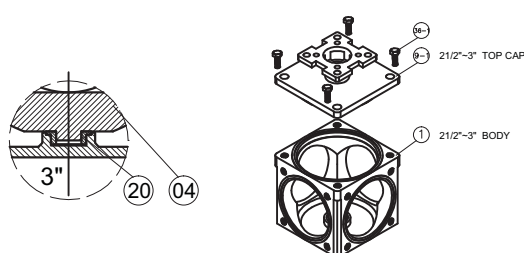
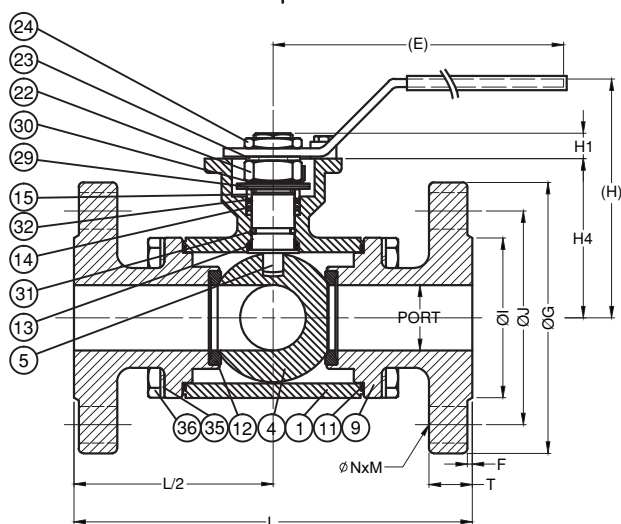


型号: BV4B-4DF-PN16



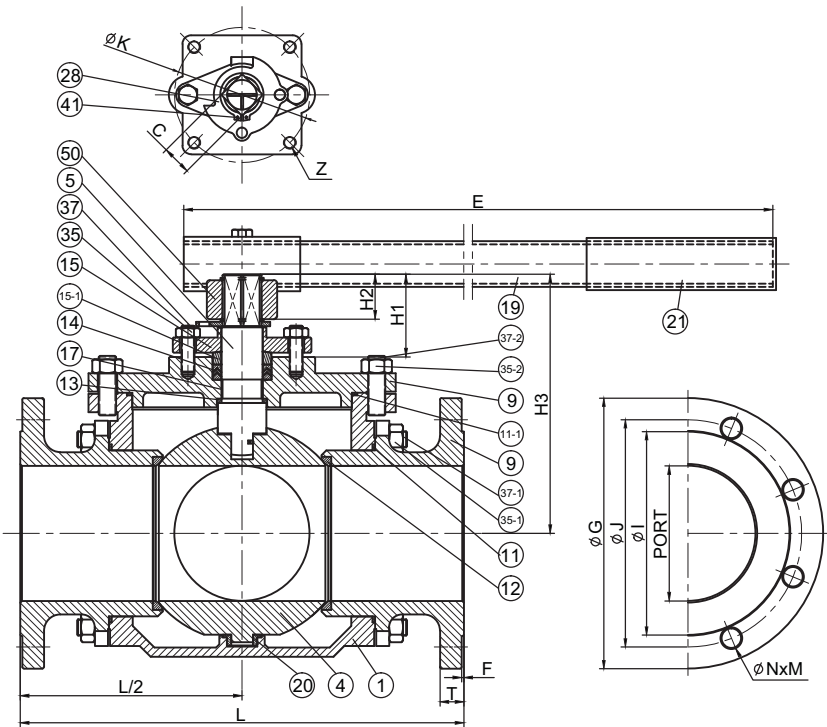
MATERIALS LIST

NO.	PART NAME	MATERIAL		Q'TY
1	BODY	EN10213-4 1.4408	EN10213-2 1.0619	1
4	BALL	ASTM A351 CF8M	ASTM A351 CF8	1
5	STEM	SS316	SS304	1
9	END CAP	EN10213-4 1.4408	EN10213-2 1.0619	4
9-1	TOP CAP	EN10213-4 1.4408	EN10213-2 1.0619	1
11	BODY SEAL	PTFE.	PTFE.	4~5
12	SEAT	RTFE	RTFE	4
13	THRUST WASHER	RTFE	RTFE	1
14	STEM PACKING	RTFE	RTFE	1SET
15	GLAND	SS304	SS304	1
19	HANDLE	SS304	SS304	1
19-1	HANDLE	SS304	SS304	1
20	BUSHING	PTFE.	PTFE.	1
21	HANDLE COVER	PLASTIC	PLASTIC	1
22	STEM NUT	SS304	SS304	1
23	HANDLE WASHER	SS304	SS304	1
24	HANDLE NUT	SS304	SS304	1
24-1	HANDLE NUT	SS304	SS304	1
29	BELLEVILLE WASHER	SUS301	SUS301	2
30	STOP WASHER	SS304	SS304	1
31	O-RING	VITON	VITON	1
32	PACKING FOLLOWER	PTFE.+25%GF	PTFE.+25%GF	1
33	STOP PIN	SS304	SS304	1SET
35	BOLT	SS304	SS304	16
36	BOLT WASHER	SS304	SS304	16
36-1	BOLT WASHER	SS304	SS304	4
50	HANDLE ADAPTER	CF8	CF8	1



PN16 DIMENSIONS

																			unit:mm	
SIZE	PORT	L	E	E1	H	H1	H2	H4	D	G	J	I	T	F	M	N	Z1	Z2	ISO 5211	
DN15	16.0	158.0	186.5		89.0	9.0		47.8	9.0	95.0	65.0	45.0	16.0	2.0	4	14	6.0		F04	
DN20	20.0	169.0	218.0		98.0	11.0		58.2	11.0	105.0	75.0	58.0	18.0	2.0	4	14	7.0		F05	
DN25	25.0	185.0	218.0		102.0	11.5		64.0	11.0	115.0	85.0	68.0	18.0	2.0	4	14	7.0		F05	
DN32	32.0	195.0	235.0		118.5	15.2		79.0	14.0	140.0	100.0	78.0	18.0	2.0	4	18	9.0	7.0	F07	
DN40	38.0	232.0	235.0		127.0	14.3		88.5	14.0	150.0	110.0	88.0	18.0	2.0	4	18	9.0	7.0	F07	
DN50	50.0	253.0	251.5		400.0	154.8		17.8	161.4	105.8	17.0	165.0	125.0	102.0	20.0	2.0	4	18	11.0	9.0
DN65	65.0	270.0	301.5	400.0	166.2	17.5	172.8	117.3	17.0	185.0	145.0	122.0	18.0	2.0	4	18	11.0	9.0	F10	
DN80	76.0	292.2	301.5	400.0	173.8	17.5	180.4	128.0	17.0	200.0	160.0	138.0	20.0	2.0	8	18	11.0	9.0	F10	



MATERIALS LIST

NO.	PART NAME	MATERIAL	Q'TY
1	BODY	1.4408/EN1503-1	1
4	BALL	1.4408/EN1503-1	1
5	STEM	SS316	1
9	END CAP	1.4408/EN1503-1	4
11	BODY SEAL	PTFE	4
11-1	TOP SEAL	PTFE	1
12	SEAT	RTFE	4
13	THRUST WASHER	RTFE	1
14	STEM PACKING	RTFE	1 SET
15	GLAND	SS304	1
15-1	GLAND BUSH	SS304	1
17	STEM BUSHING	RTFE	1
19	HANDLE	LRON	1
20	BUSHING	PTFE	1
21	HANDLE COVER	PLASTIC	1
28	STOP PLATE	SS304	1
35	BODY BOLT	SS304	2
35-1	BODY BOLT	SS304	16and24
35-2	BODY BOLT	SS304	4and6
37	BOLT NUT	SS304	2
37-1	BOLT NUT	SS304	16and24
37-2	BOLT NUT	SS304	4and6
41	SNAP RING	SS304	2
50	HANDLE ADAPTER	SS304	1

BV4B-4DF-PN16四通法蘭球閥流向

PORT	POSITION			
	1	2	3	4
I				

PORT	POSITION			
	1	2	3	4
T				

PORT	POSITION			
	1	2	3	4
L				

PORT	POSITION			
	1	2	3	4
X				

PN16 DIMENSIONS

PN16 DIMENSIONS

unit:mm

SIZE	PORT	L	E	H1	H2	H3	C	Ø G	Ø J	Ø I	T	F	M	Ø N	Ø K	Z
DN100	100	360	600	70.0	33.0	193.0	27.0	220.0	180.0	158.0	20.0	2.0	8	18	125	M12X1.75P
DN125	125	416	600	70.0	33.0	233.0	27.0	250.0	210.0	188.0	22.0	2.0	8	18	125	M12X1.75P
DN150	150	472.6	800	77.5	43.5	266.0	36.0	285.0	240.0	212.0	22.0	2.0	8	22	140	M16X2.0P

FLANGE DIMENSION: EN 1092-1:2001

BV4B-4DF-PN16訂貨說明

訂貨示例：

法蘭式BV4B-4DF-PN16-L-15-XXXX-000

球閥類型	流向	接口尺寸	內部代碼	閥體材質		中軸+球材質		閥座材質		
BV4B-4DF-PN16	L	15	XXXX	0		0		0		
BV4B-4DF-PN16	I	15		0	CF8M	0	SUS316	0	PTFE	-15°C-150°C
	L	20		1	CF8	1	SUS304	1	PTFE+15%GL	-20°C-180°C
	T	25		2	CF3M	2	SUS316L	2	PTFE+50%SS	-28°C-220°C
	X	32		3	CF3	3	SUS304L	3	TFM1600	-57°C-180°C
		40						4	MG1241	-45°C-200°C
		50						8	TFM4215	-60°C-200°C
		65								
		80								
		100								
		125								
		150								

選型注意事項：1. 閥體，中軸，球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
2. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇。

BV4B-4DF-150四通高平台美標法蘭球閥

產品特征:

SPECIFICATIONS

*公稱壓力: 1/2" ~ 6" CL150

Working Pressure: 1/2" ~ 6" CL150

*適用溫度範圍: -15 ~ 150°C(PTFE)

Temperature Range: -15 ~ 150°C(PTFE)

*防爆中軸 Blow-Out-Proof Stem Design

*ISO5211安裝執行器平台設計

ISO5211 Direct-Mounting of Actuators of Valves Design

*法蘭尺寸: ASME B16.5

Flange Dimension: ASME B16.5

*全流量

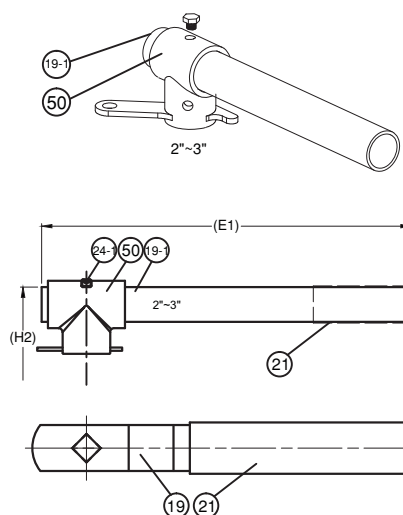
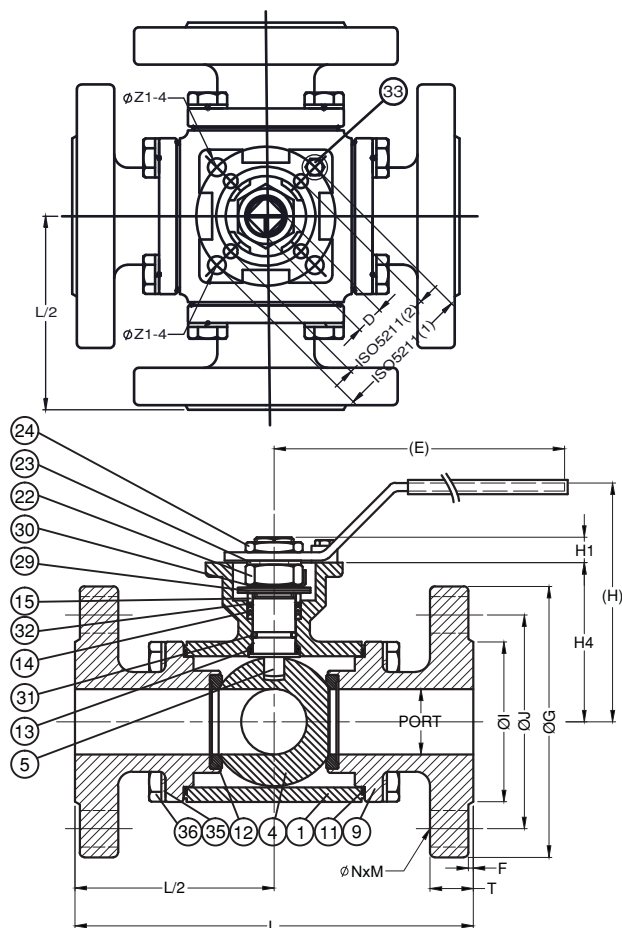
Full port I/L/T/X

*驅動方式: 手柄/執行器

Operator: Lever/Actuator

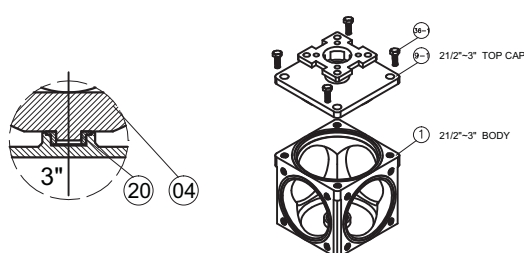


型号: BV4B-4DF-150



MATERIALS LIST

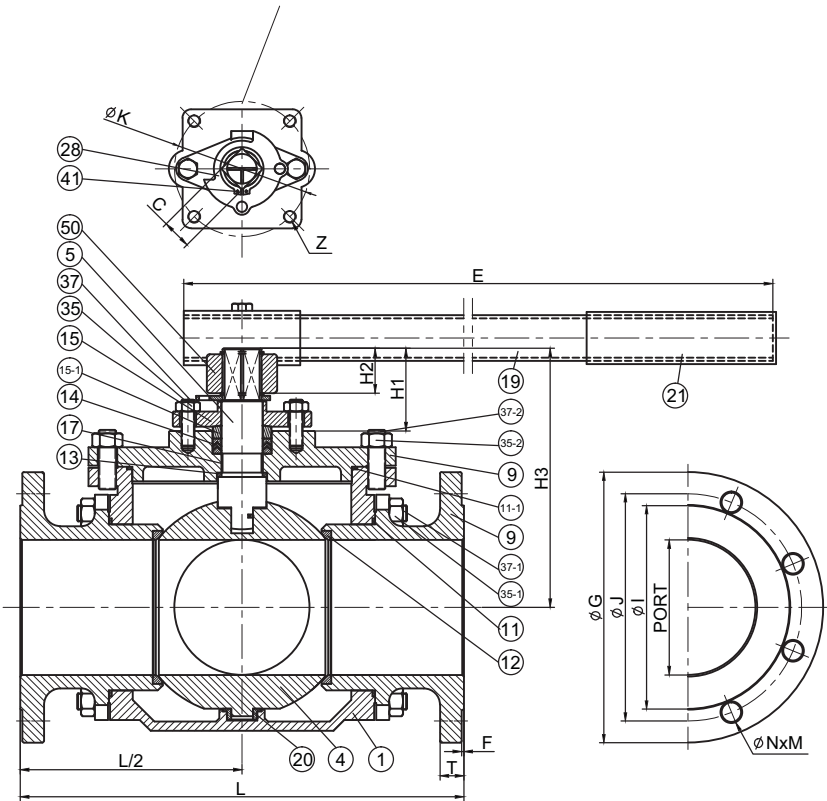
NO.	PART NAME	MATERIAL		QTY
1	BODY	EN10213-4 1.4408	EN10213-2 1.0619	1
4	BALL	ASTM A351 CF8M	ASTM A351 CF8	1
5	STEM	SS316	SS304	1
9	END CAP	EN10213-4 1.4408	EN10213-2 1.0619	4
9-1	TOP CAP	EN10213-4 1.4408	EN10213-2 1.0619	1
11	BODY SEAL	PTFE.	PTFE.	4~5
12	SEAT	RTFE	RTFE	4
13	THRUST WASHER	RTFE	RTFE	1
14	STEM PACKING	RTFE	RTFE	1SET
15	GLAND	SS304	SS304	1
19	HANDLE	SS304	SS304	1
19-1	HANDLE	SS304	SS304	1
20	BUSHING	PTFE.	PTFE.	1
21	HANDLE COVER	PLASTIC	PLASTIC	1
22	STEM NUT	SS304	SS304	1
23	HANDLE WASHER	SS304	SS304	1
24	HANDLE NUT	SS304	SS304	1
24-1	HANDLE NUT	SS304	SS304	1
29	BELLEVILLE WASHER	SUS301	SUS301	2
30	STOP WASHER	SS304	SS304	1
31	O-RING	VITON	VITON	1
32	PACKING FOLLOWER	PTFE.+25%GF	PTFE.+25%GF	1
33	STOP PIN	SS304	SS304	1SET
35	BOLT	SS304	SS304	16
36	BOLT WASHER	SS304	SS304	16
36-1	BOLT WASHER	SS304	SS304	4
50	HANDLE ADAPTER	CF8	CF8	1



CLASS150 DIMENSIONS

unit:mm

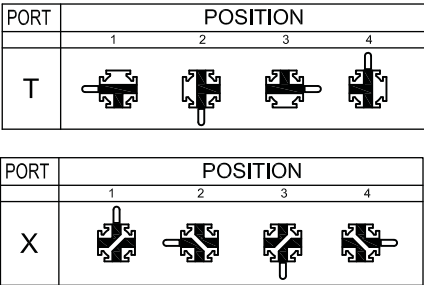
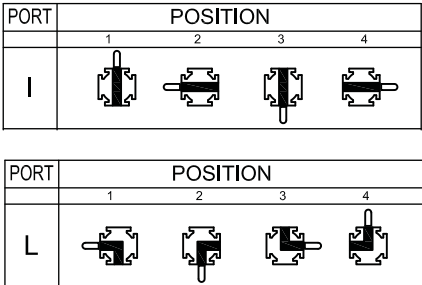
SIZE	PORT	L	E	E1	H	H1	H2	H4	D	G	J	I	T	F	M	N	Z1	Z2	ISO 5211
1/2"	16.0	147.4	186.5		89.0	9.0		47.8	9.0	89.0	60.5	35.0	11.2	1.60	4	16	6.0		42 F04
3/4"	20.0	155.8	218.0		98.0	11.0		58.2	11.0	98.6	70.0	43.0	12.7	1.60	4	16	7.0		50 F05
1"	25.0	168.8	218.0		102.0	11.5		64.0	11.0	108.0	79.2	51.0	14.3	1.60	4	16	7.0		50 F05
1-1/4"	32.0	197.9	235.0		118.5	15.2		79.0	14.0	117.5	88.9	63.5	15.9	1.60	4	16	9.0	7.0	50 F05
1-1/2"	38.0	221.4	235.0		127.0	14.3		88.5	14.0	127.0	98.6	73.2	17.5	1.60	4	16	9.0	7.0	50 F05
2"	50.0	244.6	251.5	400.0	154.8	17.8	161.4	105.8	17.0	152.5	120.7	92.0	19.1	1.60	4	19	11.0	9.0	70 F07
2-1/2"	65.0	270.0	301.5	400.0	166.2	17.5	172.8	117.3	17.0	177.8	139.7	104.7	23.3	1.60	4	19	11.0	9.0	70 F07
3"	76.0	292.2	301.5	400.0	173.8	17.5	180.4	128.0	17.0	190.5	152.4	127.0	23.9	1.60	4	19	11.0	9.0	70 F07



MATERIALS LIST

NO.	PART NAME	MATERIAL	Q'TY
1	BODY	1.4408/EN1503-1	1
4	BALL	1.4408/EN1503-1	1
5	STEM	SS316	1
9	END CAP	1.4408/EN1503-1	4
11	BODY SEAL	PTFE	4
11-1	TOP SEAL	PTFE	1
12	SEAT	RTFE	4
13	THRUST WASHER	RTFE	1
14	STEM PACKING	RTFE	1 SET
15	GLAND	SS304	1
15-1	GLAND BUSH	SS304	1
17	STEM BUSHING	RTFE	1
19	HANDLE	LRON	1
20	BUSHING	PTFE	1
21	HANDLE COVER	PLASTIC	1
28	STOP PLATE	SS304	1
35	BODY BOLT	SS304	2
35-1	BODY BOLT	SS304	16and24
35-2	BODY BOLT	SS304	4and6
37	BOLT NUT	SS304	2
37-1	BOLT NUT	SS304	16and24
37-2	BOLT NUT	SS304	4and6
41	SNAP RING	SS304	2
50	HANDLE ADAPTER	SS304	1

BV4B-4DF-150四通法蘭球閥流向



CLASS150 DIMENSIONS

unit:mm

SIZE	PORT	L	E	H1	H2	H3	C	ØG	ØJ	ØI	T	F	M	ØN	ØK	Z
DN100	100	368.0	600	70.0	33.0	193.0	27.0	228.6	190.5	157.2	23.9	1.6	8	19.0	125	M12X1.75P
DN125	125	420.0	600	70.0	33.0	233.0	27.0	254.0	216.0	186.0	24.0	1.6	8	22.3	125	M12X1.75P
DN150	150	479.4	800	77.5	43.5	266.0	36.0	279.4	241.3	216.0	25.4	1.6	8	22.3	140	M16X2.0P

FLANGE DIMENSION: ASME B16.5

BV4B-4DF-150訂貨說明

訂貨示例：

法蘭式BV4B-4DF-150-I-1/2-XXXX-000

球閥類型	流向	接口尺寸	內部代碼	閥體材質	中軸+球材質	閥座材質	
BV4B-4DF-150	I	15	XXXX	0	0	0	
	I	15		0	CF8M	0	SUS316
	L	20		1	CF8	1	SUS304
	T	25		2	CF3M	2	SUS316L
	X	32		3	CF3	3	SUS304L
		40				4	MG1241
		50				8	TFM4215
		65					
		80					
		100					
		125					
		150					

- 選型注意事項：
1. 閥體，中軸，球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
 2. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇。

BV5B-4DF-B-PN16立式四通高平台法蘭球閥

產品特征:

SPECIFICATIONS

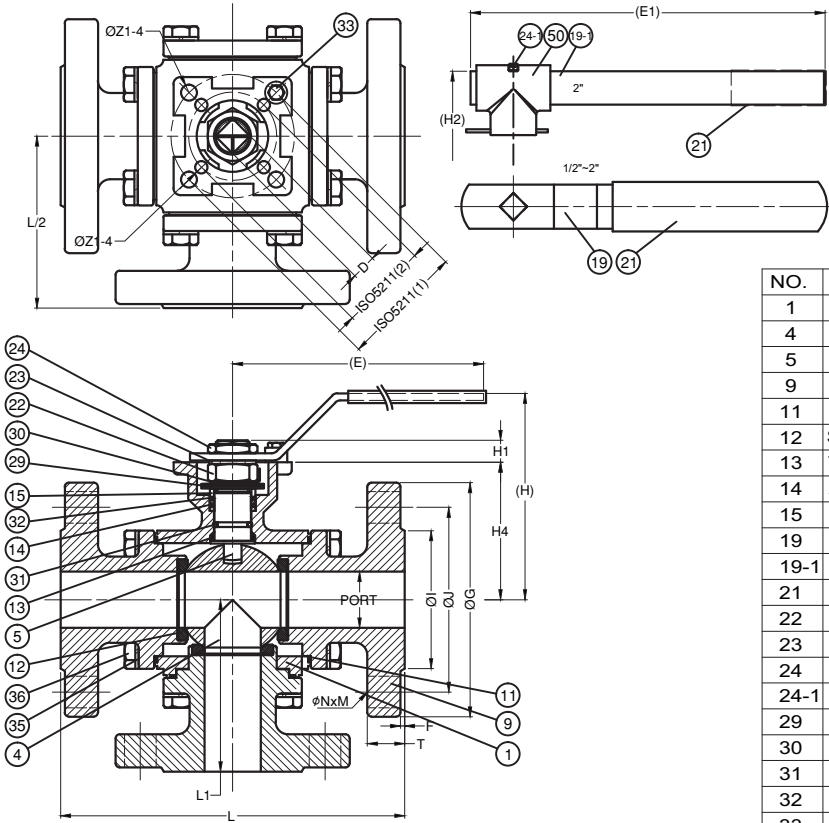
- *公稱壓力: 1/2" ~6" PN16
Working Pressure: 1/2" ~6" PN16
- *適用溫度範圍: -15 ~ 150°C(PTFE)
Temperature Range: -15 ~ 150°C(PTFE)
- *防爆中軸 Blow-Out-Proof Stem Design
- *ISO5211安裝執行器平台設計
ISO5211 Direct-Mounting of Actuators of Valves Design
- *法蘭尺寸: EN1092-1 TYPE 21
- *全流量: LL/VL/TT/VT流向
Full port: LL/VL/TT/VT
- *驅動方式: 手柄/執行器
Operator: Lever/Actuator



型号: BV5B-4DF-B-PN16

MATERIALS LIST

NO.	PART NAME	MATERIAL	Q'TY
1	BODY	EN10213-4 1.4408	1
4	BALL	ASTM A351 CF8M	1
5	STEM	SS316	1
9	END CAP	EN10213-4 1.4408	5
11	BODY SEAL	PTFE	5
12	SEAT	RTFE	5
13	THRUST WASHER	RTFE	1
14	STEM PACKING	RTFE	
15	GLAND	SS304	1
19	HANDLE	SS304	1SET
19-1	HANDLE	SS304	1
21	HANDLE COVER	PLASTIC	1
22	STEM NUT	SS304	1
23	HANDLE WASHER	SS304	1
24	HANDLE NUT	SS304	1
24-1	HANDLE NUT	SS304	1
29	BELLEVILLE WASHER	SUS301	2
30	STOP WASHER	SS304	1
31	O-RING	VITON	1
32	PACKING FOLLOWER	PTFE.+25%GF	1
33	STOP PIN	SS304	1SET
35	BOLT	SS304	20
36	BOLT WASHER	SS304	20
50	HANDLE ADAPTER	CF8	1

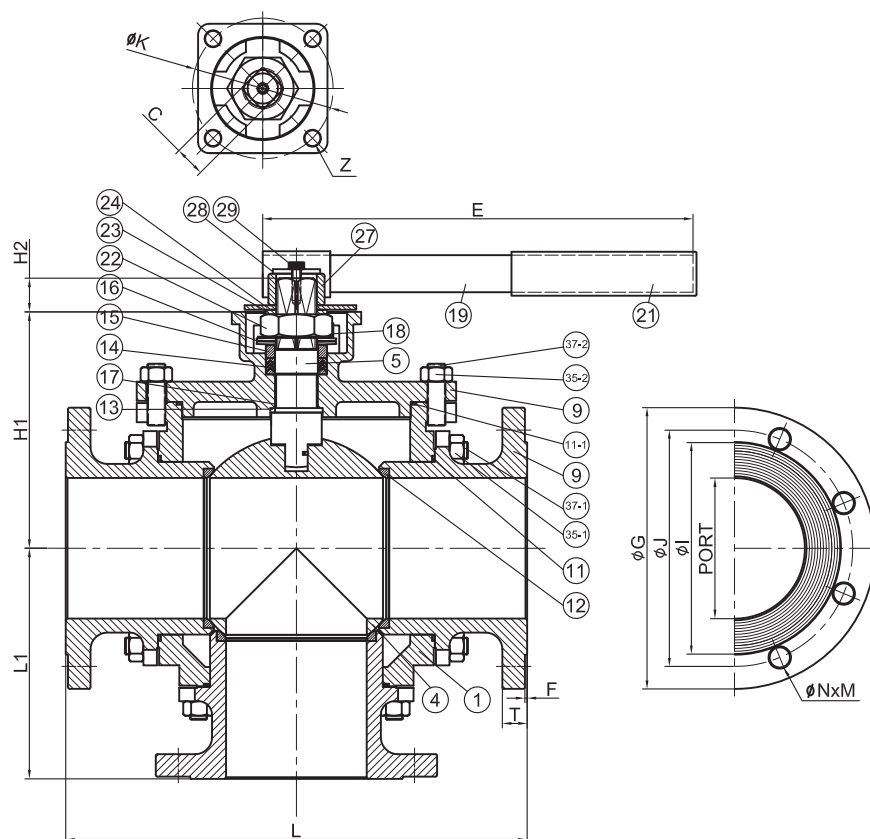


DIMENSIONS

SIZE	PORT	L	L1	E	E1	H	H1	H2	H4	D	G	J	I	T	F	M	N	Z1	Z2	ISO 5211
1/2"	16.0	158.0	79.6	186.5		89.0	9.0		47.8	9.0	95.0	65.0	45.0	16.0	2.0	4	14	6.0		42 F04
3/4"	19.2	169.0	84.5	218.0		98.0	11.0		58.2	11.0	105.0	75.0	58.0	18.0	2.0	4	14	7.0		50 F05
1"	25.0	185.0	92.5	218.0		102.0	11.5		64.0	11.0	115.0	85.0	68.0	18.0	2.0	4	14	7.0		50 F05
1 1/4"	32.0	195.0	97.5	235.0		118.5	15.2		79.0	14.0	140.0	100.0	78.0	18.0	2.0	4	18	9.0	7.0	50 F05
1 1/2"	38.0	232.0	116.0	235.0		127.0	14.3		88.5	14.0	150.0	110.0	88.0	18.0	2.0	4	18	9.0	7.0	50 F05
2"	50.0	253.0	126.5	251.5	400.0	154.8	17.8	161.4	105.8	17.0	165.0	125.0	102.0	20.0	2.0	4	18	11.0	9.0	70 F07
2 1/2"	65.0	270.0	135.0	301.5	400.0	166.2	17.5	172.8	117.3	17.0	185.0	145.0	122.0	18.0	2.0	4	18	11.0	9.0	70 F07
3"	80.0	292.2	146.1	301.5	400.0	173.8	17.5	180.4	128.0	17.0	200.0	160.0	138.0	20.0	2.0	8	18	11.0	9.0	70 F07

MATERIALS LIST

NO.	PART NAME	MATERIAL	Q'TY
1	BODY	SCS13	1
4	BALL	CF8M	1
5	STEM	SS316	1
9	END CAP	SCS13	4
11	BODY SEAL	PTFE	4
11-1	TOP SEAL	PTFE	1
12	SEAT	PTFE	4
13	THRUST WASHER	PTFE	1
14	STEM PACKING	PTFE	1 SET
15	GLAND	SS304	1
16	BELLEVILLE WASHER	SS301	2
17	STEM BUSHING	PTFE	1
18	TAB WASHER	SS304	1
19	HANDLE	IRON TUBE	1
20	BUSHING	PTFE	1
21	HANDLE COVER	PLASTIC	1
22	STEM NUT	SS304	1
23	WASHER	SS304	1
24	TRIANGLE STOPPER	SS304	1
27	HANDLE ADAPTER	SS304	1
28	HANDLE WASHER	SS304	1
29	HANDLE BOLT	SS304	1
35-1	BODY BOLT	SS304	24
35-2	BOLT NUT	SS304	6
37-1	BOLT NUT	SS304	24
37-2	BOLT NUT	SS304	6



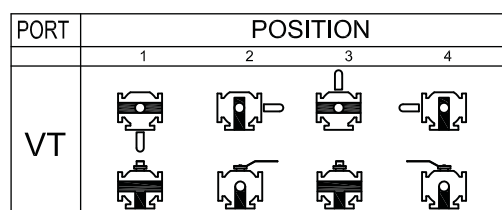
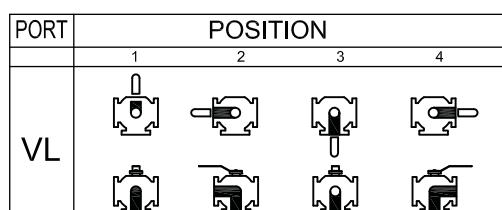
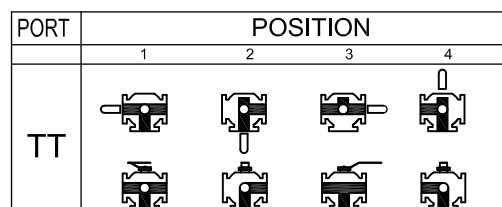
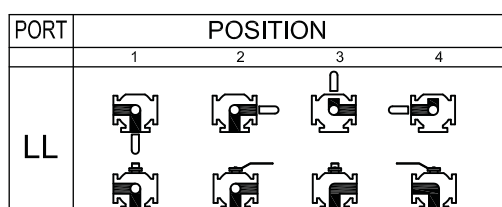
DIMENSIONS

unit:mm

SIZE	PORT	L	L1	E	H1	H2	C	ØG	ØJ	ØI	T	F	M	ØN	ØK	Z
DN100	100.0	360.0	180.8	600.0	159.0	30.0	27.0	220.0	180.0	158.0	20.0	2.0	8.0	18.0	125.0	14.0
DN125	125.0	416.0	208.8	600.0	210.0	30.0	27.0	250.0	210.0	188.0	22.0	2.0	8.0	18.0	125.0	14.0
DN150	150.0	472.6	237.1	800.0	239.0	36.0	36.0	285.0	240.0	212.0	22.0	2.0	8.0	22.0	140.0	17.5

FLANGE DIMENSION: EN 1092-1:2001

BV5B-4DF-B-PN16立式四通法蘭球閥流向



BV5B-4DF-B-PN16訂貨說明

訂貨示例：

法蘭式BV5B-4DF-B-PN16-LL-15-XXXX-000

球閥類型	流向	接口尺寸	內部代碼	閥體材質		中軸+球材質		閥座材質		
BV5B-4DF-B-PN16	LL	15	XXXX	0		0		0		
BV5B-4DF-B-PN16	LL	15		0	CF8M	0	SUS316	0	PTFE	-15°C-150°C
	TT	20		1	CF8	1	SUS304	1	PTFE+15%GL	-20°C-180°C
	VL	25		2	CF3M	2	SUS316L	2	PTFE+50%SS	-28°C-220°C
	VT	32		3	CF3	3	SUS304L	3	TFM1600	-57°C-180°C
		40						4	MG1241	-45°C-200°C
		50						8	TFM4215	-60°C-200°C
		65								
		80								
		100								
		125								
		150								

選型注意事項：1. 閥體，中軸，球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
2. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇。

BV5B-5DF-PN16五通高平台法蘭球閥

產品特征:

SPECIFICATIONS

*公稱壓力: 1/2" ~ 6" PN16

Working Pressure: 1/2" ~ 6" PN16

*適用溫度範圍: -15 ~ 150°C(PTFE)

Temperature Range: -15 ~ 150°C(PTFE)

*防爆中軸 Blow-Out-Proof Stem Design

*ISO5211安裝執行器平台設計

ISO5211 Direct-Mounting of Actuators of Valves Design

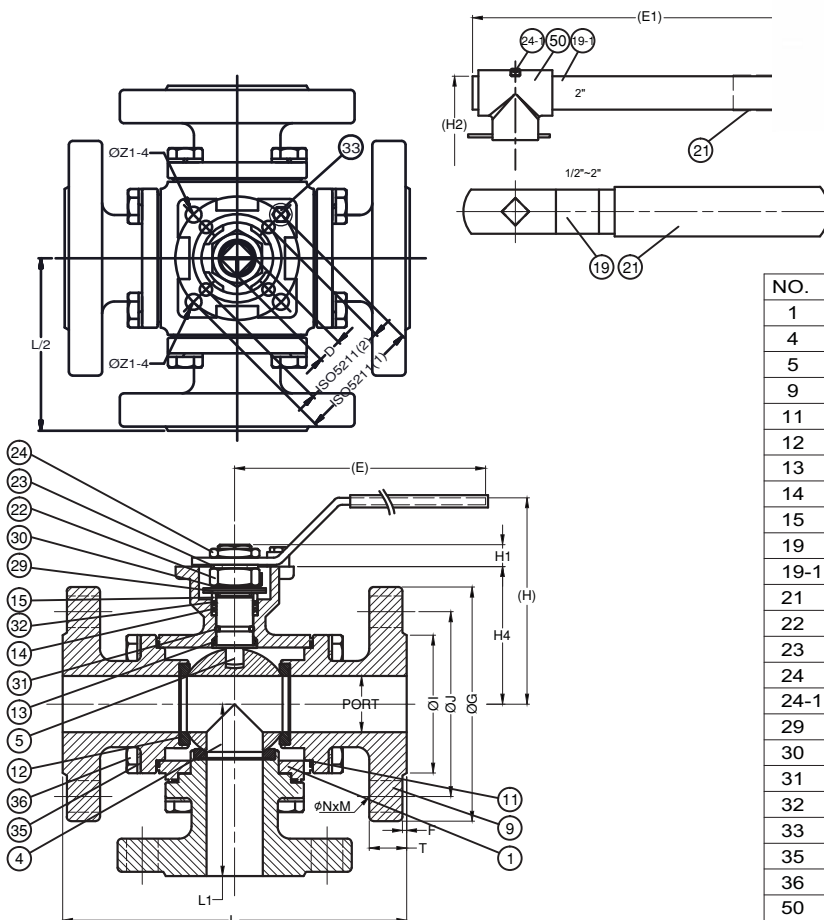
*法蘭尺寸: EN1092-1 TYPE 21

*全流量: LL/VL/TT/VT流向

Full port: LL/VL/TT/VT

*驅動方式: 手柄/執行器

Operator: Lever/Actuator

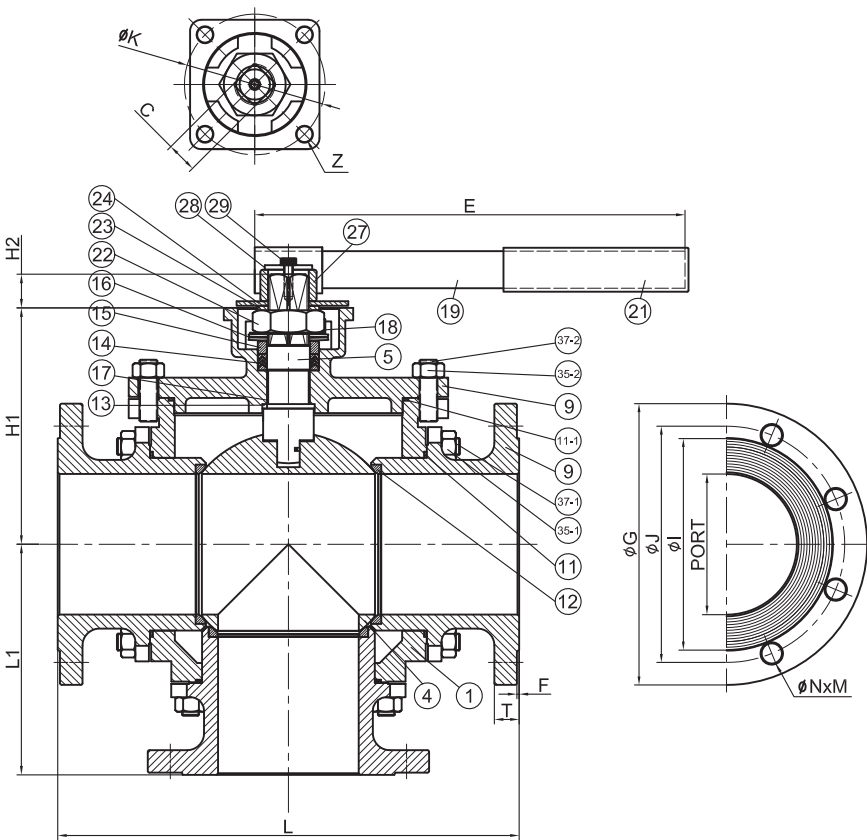


MATERIALS LIST

NO.	PART NAME	MATERIAL	Q'TY
1	BODY	EN10213-4 1.4408	1
4	BALL	ASTM A351 CF8M	1
5	STEM	SS316	1
9	END CAP	EN10213-4 1.4408	5
11	BODY SEAL	PTFE	5
12	SEAT	RTFE	5
13	THRUST WASHER	RTFE	1
14	STEM PACKING	RTFE	
15	GLAND	SS304	1
19	HANDLE	SS304	1SET
19-1	HANDLE	SS304	1
21	HANDLE COVER	PLASTIC	1
22	STEM NUT	SS304	1
23	HANDLE WASHER	SS304	1
24	HANDLE NUT	SS304	1
24-1	HANDLE NUT	SS304	1
29	BELLEVILLE WASHER	SUS301	2
30	STOP WASHER	SS304	1
31	O-RING	VITON	1
32	PACKING FOLLOWER	PTFE.+25%GF	1
33	STOP PIN	SS304	1SET
35	BOLT	SS304	20
36	BOLT WASHER	SS304	20
50	HANDLE ADAPTER	CF8	1

DIMENSIONS

SIZE	PORT	L	L1	E	E1	H	H1	H2	H4	D	G	J	I	T	F	M	N	Z1	Z2	ISO 5211
1/2"	16.0	158.0	79.6	186.5		89.0	9.0		47.8	9.0	95.0	65.0	45.0	16.0	2.0	4	14	6.0		42 F04
3/4"	19.2	169.0	84.5	218.0		98.0	11.0		58.2	11.0	105.0	75.0	58.0	18.0	2.0	4	14	7.0		50 F05
1"	25.0	185.0	92.5	218.0		102.0	11.5		64.0	11.0	115.0	85.0	68.0	18.0	2.0	4	14	7.0		50 F05
1 1/4"	32.0	195.0	97.5	235.0		118.5	15.2		79.0	14.0	140.0	100.0	78.0	18.0	2.0	4	18	9.0	7.0	50 F05
1 1/2"	38.0	232.0	116.0	235.0		127.0	14.3		88.5	14.0	150.0	110.0	88.0	18.0	2.0	4	18	9.0	7.0	50 F05
2"	50.0	253.0	126.5	251.5	400.0	154.8	17.8	161.4	105.8	17.0	165.0	125.0	102.0	20.0	2.0	4	18	11.0	9.0	70 F07
2 1/2"	65.0	270.0	135.0	301.5	400.0	166.2	17.5	172.8	117.3	17.0	185.0	145.0	122.0	18.0	2.0	4	18	11.0	9.0	70 F07
3"	80.0	292.2	146.1	301.5	400.0	173.8	17.5	180.4	128.0	17.0	200.0	160.0	138.0	20.0	2.0	8	18	11.0	9.0	70 F07



MATERIALS LIST

NO.	PART NAME	MATERIAL	Q'TY
1	BODY	SCS13	1
4	BALL	CF8M	1
5	STEM	SS316	1
9	END CAP	SCS13	4
11	BODY SEAL	PTFE	4
11-1	TOP SEAL	PTFE	1
12	SEAT	PTFE	4
13	THRUST WASHER	PTFE	1
14	STEM PACKING	PTFE	1 SET
15	GLAND	SS304	1
16	BELLEVILLE WASHER	SS301	2
17	STEM BUSHING	PTFE	1
18	TAB WASHER	SS304	1
19	HANDLE	IRON TUBE	1
20	BUSHING	PTFE	1
21	HANDLE COVER	PLASTIC	1
22	STEM NUT	SS304	1
23	WASHER	SS304	1
24	TRIANGLE STOPPER	SS304	1
27	HANDLE ADAPTER	SS304	1
28	HANDLE WASHER	SS304	1
29	HANDLE BOLT	SS304	1
35-1	BODY BOLT	SS304	24
35-2	BOLT NUT	SS304	6
37-1	BOLT NUT	SS304	24
37-2	BOLT NUT	SS304	6

DIMENSIONS

unit:mm

SIZE	PORT	L	L1	E	H1	H2	C	ØG	ØJ	ØI	T	F	M	ØN	ØK	Z
DN100	100.0	360.0	180.8	600.0	159.0	30.0	27.0	220.0	180.0	158.0	20.0	2.0	8.0	18.0	125.0	14.0
DN125	125.0	416.0	208.8	600.0	210.0	30.0	27.0	250.0	210.0	188.0	22.0	2.0	8.0	18.0	125.0	14.0
DN150	150.0	472.6	237.1	800.0	239.0	36.0	36.0	285.0	240.0	212.0	22.0	2.0	8.0	22.0	140.0	17.5

FLANGE DIMENSION: EN 1092-1:2001

BV5B-5DF-PN16五通法蘭球閥流向

PORT	POSITION			
	1	2	3	4
LL				
PORT	POSITION			
	1	2	3	4
TT				
PORT	POSITION			
	1	2	3	4
VL				
PORT	POSITION			
	1	2	3	4
VT				

BV5B-5DF-PN16訂貨說明

訂貨示例：

法蘭式BV5B-5DF-PN16-LL-15-XXXX-000

球閥類型	流向	接口尺寸	內部代碼	閥體材質		中軸+球材質		閥座材質		
BV5B-5DF-PN16	LL	15	XXXX	0		0		0		
BV5B-5DF-PN16	LL	15		0	CF8M	0	SUS316	0	PTFE	-15°C-150°C
	TT	20		1	CF8	1	SUS304	1	PTFE+15%GL	-20°C-180°C
	VL	25		2	CF3M	2	SUS316L	2	PTFE+50%SS	-28°C-220°C
	VT	32		3	CF3	3	SUS304L	3	TFM1600	-57°C-180°C
		40						4	MG1241	-45°C-200°C
		50						8	TFM4215	-60°C-200°C
		65								
		80								
		100								
		125								
		150								

- 選型注意事項：
1. 閥體，中軸，球材質的選擇，請參考不鏽鋼對介質的耐腐性能；
 2. 閥座材質的選擇：請結合介質種類，溫度，壓力，球閥開關頻次，綜合選擇。

BV5D-5DT-PN16 五通縮徑不銹鋼球閥

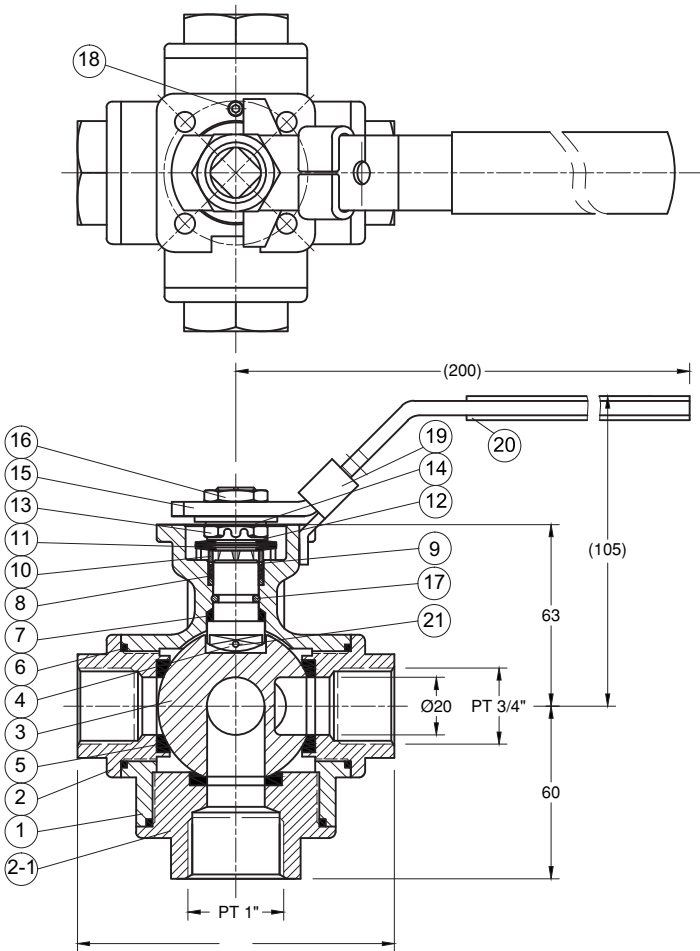
產品特徵:

SPECIFICATIONS

- *公稱壓力: 3/4" × 1" PN16
Working Pressure: 3/4" × 1" PN16
- *適用溫度範圍: -15 ~ 150°C(PTFE)
Temperature Range: -15 ~ 150°C(PTFE)
- *防爆中軸 Blow-Out-Proof Stem Design
- *精密鑄造 Investment Casting
- *固溶化處理 Solution Treatment
- *防靜電裝置 Antistatic Device
- *五閥座 Five Seats
- *連接形式: 內螺紋
End Types: Female Threaded
- *掛鎖裝置 (可選) Locking Device (option)
- *減流量 Reduced Bore



型號: BV5D-5DT



TURN PORT	TURN			
	0°	90°	180°	270°
LL1-BALL				

MATERIALS LIST

MATERIALS LIST			
NO.	PART NAME	MATERIAL	Q'TY
1	BODY	ASTM A351 CF8	1
2	CAP	ASTM A351 CF8	4
2-1	CAP	ASTM A351 CF8	1
3	BALL	ASTM A351 CF8	1
4	STEM	SS304	1
5	SEAT	PTFE	4
6	BODY SEAL	PTFE	3
7	THRUST WASHER	PTFE	1
8	STEM PACKING	PTFE	1SET
9	PACKING FOLLOWER	PTFE+25%G.F.	1
10	GLAND BUSH	SS304	1
11	BELLEVEILLE WASHER	SUS301	2
12	STOP WASHER	SS304	1
13	STEM NUT	SS304	1
14	HANDLE WASHER	SS304	1
15	HANDLE	SS304	1
16	STEM NUT	SS304	1
17	O-RING	VITON	1
18	STOP PIN	SS304	1
19	LOCKING PAD	SS304	1
20	HANDLE COVER	PLASTIC	1
21	ANTI-STATIC PLUNGER	SS304	1

注：該五通球閥可實現兩進兩出雙流道四工位，可以提供不同規格五通球閥的生產銷售。



VBV系列V型調節球閥

一、V型調節球閥組成： V型球閥+調節型執行器

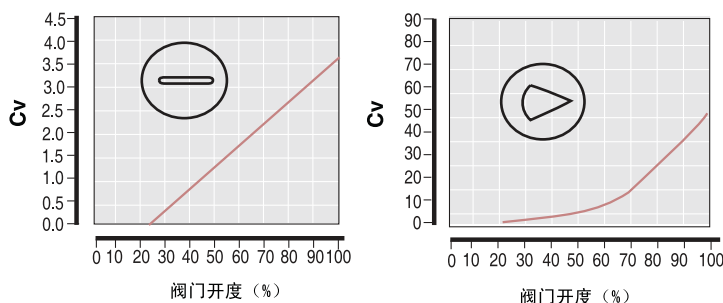
調節型執行器分類：

調節型電動執行器

調節型氣動執行器：氣動執行器+定位器+氣動二聯件

二、V型球閥的結構：

V型球閥閥體結構同普通帶ISO5211平臺球閥不同之處在於截流元件為單側帶V型孔的鋼球，及閥座選用高強度閥座；V型球閥利用球芯旋轉角度的不同形成的不同流通面積來調節介質流量。



三、V型調節球閥的調節曲線： 等百分比曲線（V型孔）、線性曲線（矩形孔）

四、V型調節球閥優點：

1、流阻小，CV值大：

V型球閥流路簡單，流動阻力小，流通能力大，CV值大（其CV值約比直行程閥大1.5-3倍）。

2、自潔性能好：

介質在V型球閥內基本直通，不易沉澱，防堵性能好，故其自潔性能好。

3、外形尺寸較小，結構簡單：

V型球閥流路簡單，內腔和外形簡單，尺寸小，重量輕。

4、閥杆密封性能好：

V型球閥中軸運動方式為轉動，介質不易像外滲漏，還可以採用密封性能更好的填料，密封性能比直行程提高2-3倍。

5、允許壓差大：

V型球閥閥芯為球閥，閥芯轉動，不平衡力矩為“力*力臂”，因為力矩小，故允許壓差大。

6、V型球閥泄漏量小：

閥芯為球面，與密封相切，接觸良好，故泄漏量小（軟密封為零泄漏）。

7、V型球調節閥耐沖蝕性能好：

閥芯因在閥腔內側，避免介質直接沖蝕，故其耐沖蝕性能好。

8、V型球調節閥振動小：

V型球球芯運動方式為轉動，與閥的上下振動不同拍，不易產生振動。

9、可調範圍R大：

可調範圍反映調節閥控制的流量範圍，R越大，調節流量的範圍越寬，性能指標就越好，通常閥門的R=30，V球閥R=50。

10、小開度工作性能好：

由於受到結構的限制，通常閥門小開度工作性能差，產生啟跳和振盪，R值很小（即最小流量 Q_{min} 很大），即比較差的小流量微調功能，但V球可以很好的滿足小流量調節，且工作十分平衡。

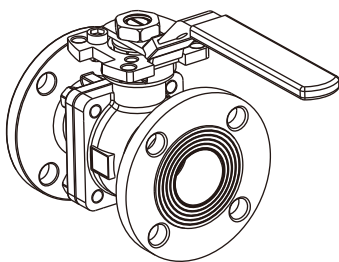
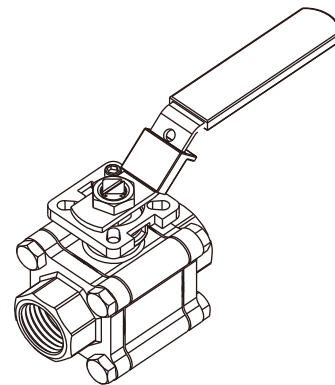
V型調節球閥選型：

一、V型球閥的選擇

三片式球閥,型號: VBVB-131DT/B/S/LB(1000psi)

VBVB-132DT/B/S(2000psi)

連接方式: 螺紋/對焊/承插焊



法蘭球閥,型號: VBVB-12DF-PN16/40/150/300

連接方式: 法蘭

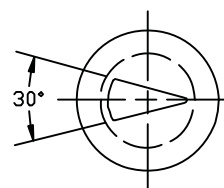
工作壓力: DIN PN16/40

ANSI CL150/CL300

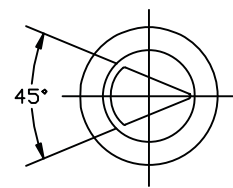
二、V型球的尺寸及V型球角度的選擇：

根據介質的類別，密度，溫度，及設計流量（最小流量/正常工作流量/最大流量）下的介質壓力（閥前壓力及閥後壓力），計算滿足上述工況的Cv值，根據計算所得Cv值檢索V型球閥的Cv值，選擇合適尺寸的V型球閥，確保計算出的最大及最小Cv值包括在選定角度V型球的20%-80%開度之間。

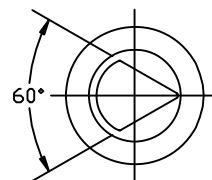
注：Cv值得計算方法及V型球閥的Cv值表格見附件。



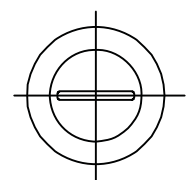
30° V-BALL



45° V-BALL



60° V-BALL



SLOTTED BALL

Cv值計算公式

Cv 值計算公式		
介質	應用條件	公式
液體	$\Delta P < F_L^2 (P_1 - P_v)$	$C_v = 1.17 \cdot Q_L \cdot \sqrt{\frac{G_L}{\Delta P}}$ $C_v = \frac{1.17 \cdot W_L}{\sqrt{\Delta P \cdot G_L}}$
	$\Delta P \geq F_L^2 (P_1 - P_v)$	$C_v = \frac{1.17 \cdot Q_L}{F_L} \cdot \sqrt{\frac{G_L}{(P_1 - P_v)}}$ $C_v = \frac{1.17 \cdot W_L}{F_L \cdot \sqrt{(P_1 - P_v) \cdot G_L}}$
氣體	$X < F_K \cdot X_T$	$C_v = \frac{Q_g}{387 \cdot P_1 \cdot Y} \cdot \sqrt{\frac{G_g \cdot T_1 \cdot Z}{X}}$ $C_v = \frac{W_g}{27.1 \cdot Y \cdot \sqrt{X \cdot P_1 \cdot \gamma_1}}$
	$X \geq F_K \cdot X_T$	$C_v = \frac{Q_g}{258 \cdot P_1} \cdot \sqrt{\frac{G_g \cdot T_1 \cdot Z}{F_K \cdot X_T}}$ $C_v = \frac{W_g}{18.1 \cdot \sqrt{F_K \cdot X_T \cdot P_1 \cdot \gamma_1}}$
飽和蒸汽	$X < F_K \cdot X_T$	$C_v = \frac{W_g}{19.3 \cdot P_1 \cdot Y \cdot \sqrt{X}}$
	$X \geq F_K \cdot X_T$	$C_v = \frac{W_g}{12.9 \cdot P_1 \cdot \sqrt{F_K \cdot X_T}}$
過熱蒸汽	$X < F_K \cdot X_T$	$C_v = \frac{W_g \cdot (1 + 0.00126 \cdot \Delta t)}{19.3 \cdot P_1 \cdot Y \cdot \sqrt{X}}$
	$X \geq F_K \cdot X_T$	$C_v = \frac{W_g \cdot (1 + 0.00126 \cdot \Delta t)}{12.9 \cdot P_1 \cdot \sqrt{F_K \cdot X_T}}$

Cv : 水流量 (USgal/min)于60°F下, 流經壓差為1PSI之法門而所得出之流量定值。

FL : 壓力恢復係數 (無量綱參考表1)

GL : 液體介質比重 (水GL=1 15°C)

P1 : 閥前壓力 (絕壓) (kgf/cm² A)

P2 : 閥後壓力 (絕壓) (kgf/cm² A)

Pv : 操作溫度下的液體飽和蒸汽壓 (絕壓) (kgf/cm² A) - 參考表2

ΔP : 閥門前後壓差 (P1-P2) (kgf/cm²)

QL : 液體流速: m³/h

WL : 液體流速: T/h

Gg : 氣體介質比重-參考表3

Qg : 氣體流速: m³/h

X : 壓降比 (ΔP/P1)

XT : 臨界壓降比-參考表1

Wg : 氣體或蒸汽流速: Kg/h

γ1 : 氣體密度: Kg/m³

FK : 比熱比係數-參考表3

Y : 膨脹因子 = $1 - \frac{X}{3 \cdot F_K \cdot X_T}$

T1 : 閥前絕對溫度: K

Δt : 閥前過熱蒸汽溫度

Z : 壓縮因子: 無量綱=1

表1

Equal %	FL XT	Percent of Valve Rotation (Degree of Rotation)										
		0(0)	10(9)	20(18)	30(27)	40(36)	50(45)	60(54)	70(63)	80(72)	90(81)	100(90)
	FL	0.00	0.96	0.95	0.94	0.93	0.92	0.90	0.88	0.86	0.82	0.75
	XT	0.00	0.72	0.65	0.60	0.54	0.48	0.42	0.36	0.28	0.16	0.12

表2

Pv Factor		
液體	分子式	Pv
Acetone	C ₂ H ₄	47.861
Acetic Acid	C ₂ H ₄ O ₂	0.0273
Ammonia	NH ₃	0.7310
Benzene	C ₆ H ₆	0.1621
Butane	C ₄ H ₁₀	2.89
Carbon Dioxide	CO ₂	58.420
Ethene	C ₂ H ₆	47.861
Ethanol	C ₂ H ₆ O	0.1029
Ethylene Glycol	C ₂ H ₄ (OH) ₂	69.58 e-6
Glycerin	C ₃ H ₅ (OH) ₃	110.50 e-9
Nitrogen	-	0.988
OIL WT32	-	205.48 e-6
OIL WT46	-	306.59 e-6
Sulfur Dioxide	SO ₂	3.3929
Water	H ₂ O	0.0238

表3

Gg Fk Factors			
氣體	分子式	Gg	Fk
Air	-	1.00	1.00
Ammonia	NH ₃	0.59	0.92
Argon	Ar	1.38	1.19
Carbon Dioxide	CO ₂	1.52	0.91
Carbon Monoxide	CO	0.97	1.01
Ethylene	C ₂ H ₄	0.97	0.87
Chlorine	Cl ₂	2.49	0.96
Ethene	C ₂ H ₆	1.05	0.87
Helium	He	0.14	1.19
Hydrogen	H ₂	0.07	1.00
Methane	CH ₄	0.55	0.90
Oxygen	O ₂	1.10	1.00
Nitrogen	N ₂	0.97	1.00
Saturated Steam	H ₂ O	-	0.94
Superheated Steam	H ₂ O	-	0.94

V型控制球閥Cv值參數表

V-CONTROL BALL VALVE FLOW COEFFICIENT Cv CHARTS

Cv Table for V-Port Ball Valve at Selected Percentage of Port Opening												
Size	Angle	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
1/4"	15	0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.4
	30	0	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.6
	45	0	0.1	0.1	0.1	0.2	0.3	0.4	0.6	0.7	0.8	1.1
	60	0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.9	1.2	1.4
	90	0	0.1	0.2	0.2	0.3	0.4	0.5	0.7	1	1.4	1.7
1/2"	15	0	0.1	0.1	0.1	0.2	0.3	0.5	0.5	0.6	0.7	0.8
	30	0	0.1	0.1	0.2	0.3	0.5	0.8	1.1	1.6	2.2	2.6
	45	0	0.1	0.1	0.2	0.4	0.6	1.1	1.5	2.6	3.4	4.1
	60	0	0.1	0.1	0.3	0.5	0.9	1.4	2	3.3	4.4	6
	90	0	0.1	0.2	0.4	0.6	0.9	1.5	2.2	3.8	5.4	6.9
3/4"	15	0	0.1	0.1	0.4	0.5	0.8	1.1	1.6	2	3.1	3.6
	30	0	0.1	0.2	0.5	0.7	1.1	1.8	2.4	3.3	4.5	5.4
	45	0	0.1	0.2	0.6	0.8	1.5	2.3	3.2	5	7.3	8
	60	0	0.1	0.2	0.7	1	1.7	2.8	4	6.5	9	12
	90	0	0.2	0.4	0.8	1.2	2	3.1	4.6	8	11.3	10
1"	15	0	0.1	0.3	0.6	0.9	1.5	2.1	3	6.8	5.9	7
	30	0	0.1	0.3	0.8	1.3	2.3	3.5	5.1	9.8	8.5	10
	45	0	0.1	0.3	1	1.6	2.9	4.4	6.6	11	12.1	15
	60	0	0.2	0.4	1.1	1.8	3.4	5.3	7.9	12.3	15.3	21
	90	0	0.2	0.6	1.8	3.4	5.1	8.1	11.4	16	21	29
1-1/4"	15	0	0.1	0.4	0.8	1.3	2.6	3.4	5.5	7	8.5	10
	30	0	0.2	0.4	1.1	2	3.7	5.5	8	10	13	15
	45	0	0.2	0.5	1.5	2.3	4.4	7.6	10.6	15	22	28
	60	0	0.2	0.6	1.8	3	5.5	9.5	12.8	19	26	39
	90	0	0.3	0.8	2	5	8	14	19	28	39	55
1-1/2"	15	0	0.3	0.5	1.2	2	3.7	5.1	7	9	11.7	14
	30	0	0.3	0.6	1.6	3	5	7.5	11	14	17	20
	45	0	0.3	0.7	2.1	3.6	6.8	10	16	21	30	37
	60	0	0.4	0.8	2.5	4	8	13	19	27	40	52
	90	0	0.4	0.9	3.5	7	13	20	31	42	63	78
2"	15	0	0.4	0.7	2.2	4	6	10	16	20	28	41
	30	0	0.4	1.2	3.8	6	10	15	23	31	43	60
	45	0	0.4	1.4	4.2	8	13.6	21	32	42	62	88
	60	0	0.5	1.5	4.6	9	16.5	27	39	55	83	110
	90	0	0.5	2	6	12	22	35	45	50	105	135
2-1/2"	15	0	0.4	0.7	3.1	5.9	8	12	18	25	40	51
	30	0	0.4	1	4	8	12	18	28	37	62	75
	45	0	0.4	1.3	4.6	8.9	17	27	41	57	84	121
	60	0	0.4	1.5	5	10	21	34	53	75	103	150
	90	0	0.5	1.7	7	14	28	48	70	106	160	218
3"	15	0	0.5	0.8	3.3	6.1	10	16	21	31	42	60
	30	0	0.5	1.2	4	8	14	23	33	46	65	82
	45	0	0.5	1.9	4.6	11.2	20	32	51	73	101	135
	60	0	0.5	2.5	6	14	25	40	65	91	128	165
	90	0	0.7	3.5	8	18	35	60	90	135	205	310
4"	15	0	0.6	1.2	4.4	11	18	37	50	68	88	98
	30	0	0.6	2	6	15	29	48	71	100	130	159
	45	0	0.7	2.6	8.4	21	31	53	82	121	172	261
	60	0	0.7	3	11	25	40	59	90	141	212	356
	90	0	1	3.5	16	40	75	125	190	295	442	670
6"	15	0	0.8	1.8	8.7	23	41	67	99	149	190	241
	30	0	0.9	3.2	14	33	60	103	155	220	280	350
	45	0	1.6	4.2	18	47	87	150	240	316	445	589
	60	0	2	5	22	60	110	190	285	416	586	800
	90	0	3	8	35	90	160	280	425	650	970	1480

CBV-132DT/B/S三片式深冷球閥



產品特徵:

SPECIFICATIONS

*公稱壓力: 1/2" ~2" 2000PSI
2-1/2" ~4" 1000PSI
6" Reduced 720PSI

Working Pressure: 1/2" ~2" 2000PSI
2-1/2" ~4" 1000PSI
6" Reduced 720PSI

*適用溫度範圍: -196 ~ 200°C

Temperature Range: -196 ~ 200°C

*連接形式: 內螺紋/對焊/承插焊

End Types: Female Threaded/Butt Weld/Socket Weld

*掛鎖裝置 Locking Device

*ISO5211直接安裝執行器機構平臺設計

ISO5211 Direct-Mounting of Actuators of Valves Design

*防爆中軸設計, 防靜電裝置

Blow-Out Proof Stem Design, Antistatic Device

*精密鑄造 Investment Casting

驅動方式: 可裝配氣動執行器或電動執行器

CBV-12DF-PN10/PN40/CL150深冷法蘭球閥



產品特徵:

SPECIFICATIONS

*公稱壓力: 1/2" ~4" DIN PN10/PN40/ANSI CL150

Working Pressure: 1/2" ~4" DIN PN10/PN40/ANSI CL150

*適用溫度範圍: -196 ~ 200°C

Temperature Range: -196 ~ 200°C

*連接形式: 法蘭 DIN PN10/PN40/ANSI CL150

End Types: FLANGE DIN PN10/PN40/ANSI CL150

*掛鎖裝置 Locking Device

*ISO5211直接安裝執行器機構平臺設計

ISO5211 Direct-Mounting of Actuators of Valves Design

*防爆中軸設計, 防靜電裝置

Blow-Out Proof Stem Design, Antistatic Device

*精密鑄造 Investment Casting

驅動方式: 可裝配氣動執行器和電動執行器



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