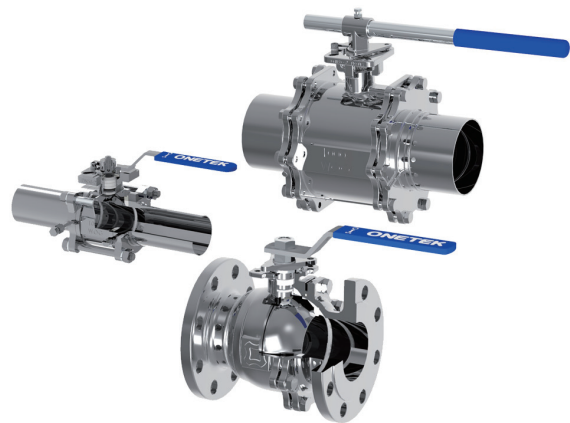


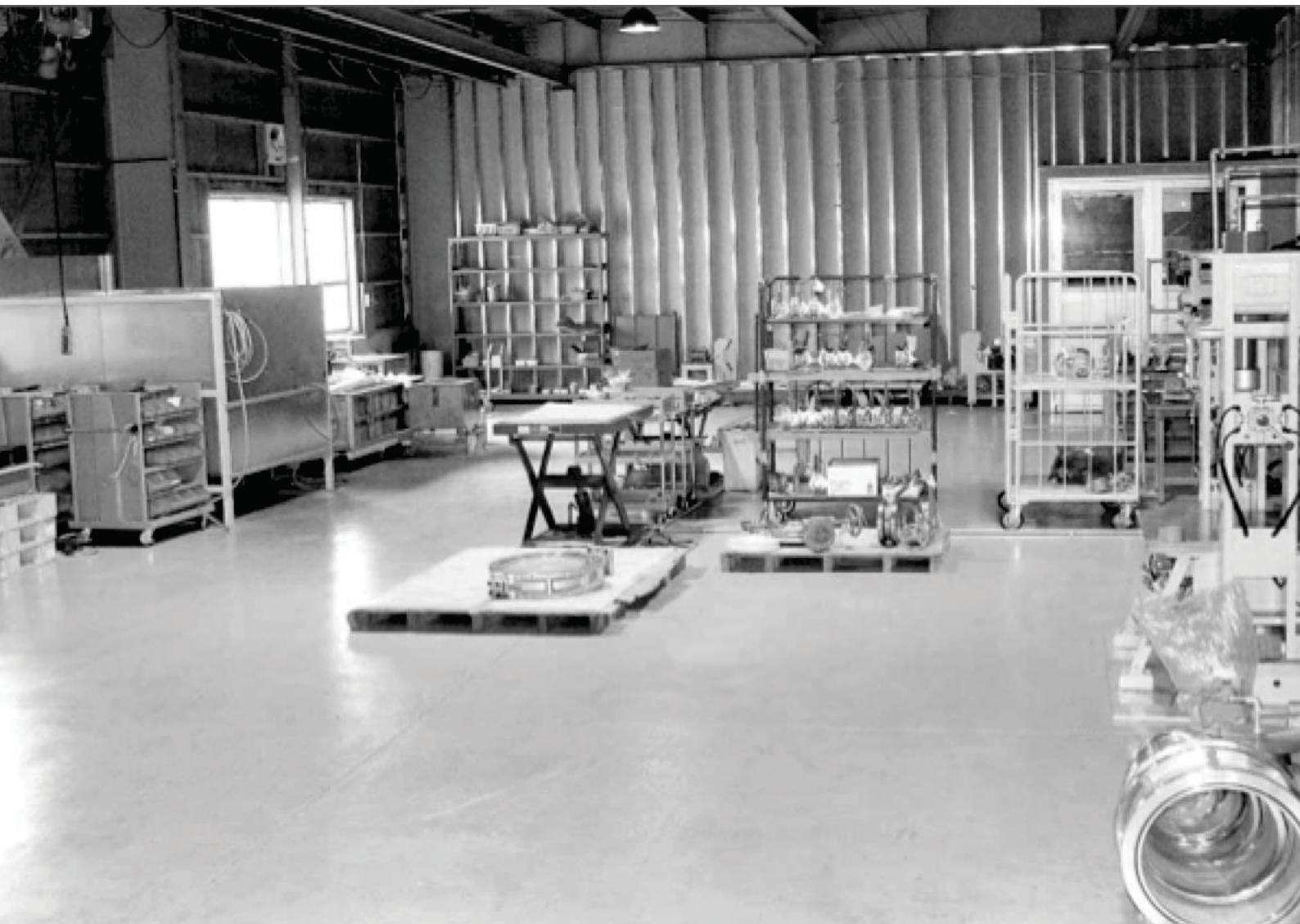


HIGH PURITY BALL VALVE





***We will be a partner
in technology***



Introduction

Based on professional technology, Beta Matel Industrial is one of the few companies that successfully produce UHP Butterfly Valve and UHP Ball Valves. Due to its high purity, durability and corrosion resistance, Beta Matel Industrial products are a key component of chemical and gas power systems and semiconductor and LCD production. In order to meet the increasing demand for high precision Butterfly Valve and Ball Valves, the company to save the cost of production method and production technology has made great progress, the goal is to become a world-class technology leader in the overseas markets.

BALL VALVE

3Piece Type STAINLESS STEEL BALL VALVE

2Piece Type STAINLESS STEEL BALL VALVE

1Piece Type STAINLESS STEEL BALL VALVE

STAINLESS STEEL HEX BALL VALVE

CHECK VALVE

Clip Type STAINLESS STEEL CHECK VALVE

STAINLESS STEEL HEX CHECK VALVE

Butterfly Valve

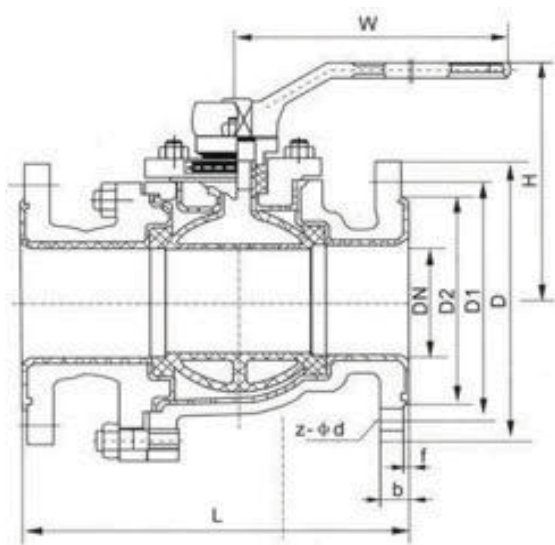
Clip Type STAINLESS STEEL Butterfly Valve

Clip Type Ductile iron Butterfly Valve

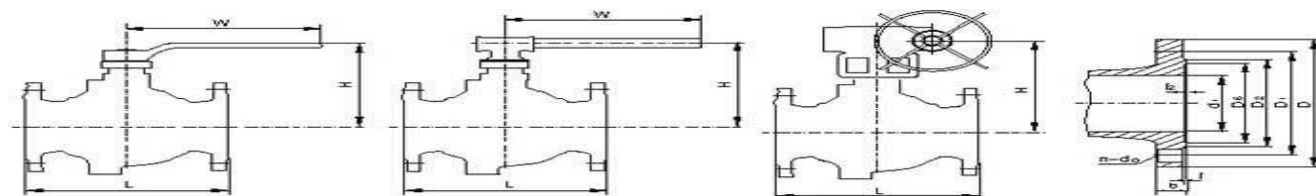
Clip Type Lined With PFA/PTFE Butterfly Valve

■ 2000 SERIES STAINLESS STEEL BALL VALVE

- SIZE: 15A ~ 300A
- STYLE: 2Piece Type
- Design Pressure: 1.6Mpa
- Design Temperature: Max80°C
- End Connection: JIS 10K RF FLG
- Body Material: Cast Stainless Steel
- Shell Test: 2.4 Mpa
- Shell Closure Test: 2.08 Mpa
- Surface Finish: BA or AP
- BA (Ry≤4.5μm)
- AP (Manufactured Face or Casting Face)
- Handle Type: 15A~100A Bar Handle
- 125A~300A Attached Gear Box
- Option: OPP=Out Purge Port
- IPP=In Purge Port
- IOPP=In and Out Purge Port



NAME OF PART	MATERIAL	
	ASTM	JIS
CAP	CF8M	SCS14A
BODY	CF8M	SCS14A
BALL	CF8M	SCS14A
BALL SEAT	PTFE	
V-RING STEM PACKING	PTFE	
HANDLE	SUS304	



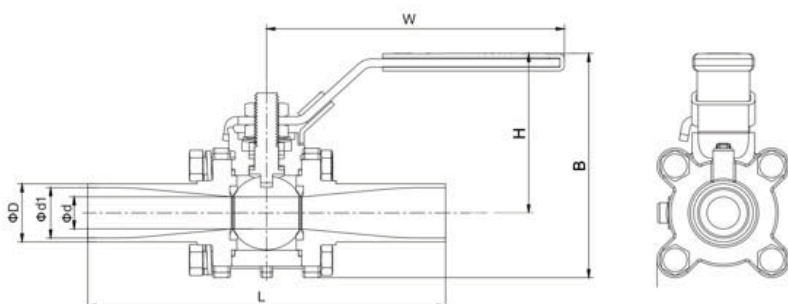
Size	ød	øg	øD	T	f	n	øh	C	H	L	Shape - Size*	BA or AP
15A	15	52	95	12	1	15	70	82	108	135	BV2000-15A-*	
20A	20	58	100	14	1	15	75	86	117	135	BV2000-20A-*	
25A	25	70	125	14	1	19	90	98	127	165	BV2000-25A-*	
32A	32	80	135	16	2	19	100	102	140	165	BV2000-32A-*	
40A	40	85	140	16	2	19	105	119	165	200	BV2000-40A-*	
50A	50	100	155	16	2	19	120	128	178	200	BV2000-50A-*	
65A	65	120	175	18	2	19	140	162	190	400	BV2000-65A-*	
80A	76	130	185	18	2	19	150	172	203	400	BV2000-80A-*	
100A	100	155	210	18	2	19	175	197	229	500	BV2000-100A-*	
125A	125	185	250	20	2	8	23	210	218	356	BV2000-125A-*	
150A	150	215	280	22	2	8	23	240	245	394	BV2000-150A-*	
200A	200	265	330	22	2	12	23	290	281	457	BV2000-200A-*	
250A	250	325	400	24	2	12	25	355	341	533	BV2000-250A-*	
300A	300	370	445	24	3	16	25	400	383	610	BV2000-300A-*	



3000 SERIES STAINLESS STEEL BALL VALVE

- SIZE: 15A ~ 300A
- STYLE: 3Piece Type
- Design Pressure: 1.6Mpa
- Design Temperature: Max80°C
- End Connection: BW
- Body Material: Cast Stainless Steel
- Shell Test: 2.4 Mpa
- Shell Closure Test: 2.08 Mpa
- Surface Finish: BA or AP
- BA (Ry≤4.5μm)
- AP (Manufactured Face or Casting Face)
- Handle Type: 15A~100A Bar Handle
- 125A~300A Attached Gear Box
- Option: OPP=Out Purge Port
- IPP=In Purge Port
- IOPP=In and Out Purge Port

NAME OF PART	MATERIAL	
	ASTM	JIS
CAP	CF3M	SCS16A
BODY	CF8M	SCS14A
BALL	CF8M	SCS14A
BALL SEAT	PTFE	
V-RING STEM PACKING	PTFE	
HANDLE	SUS304	

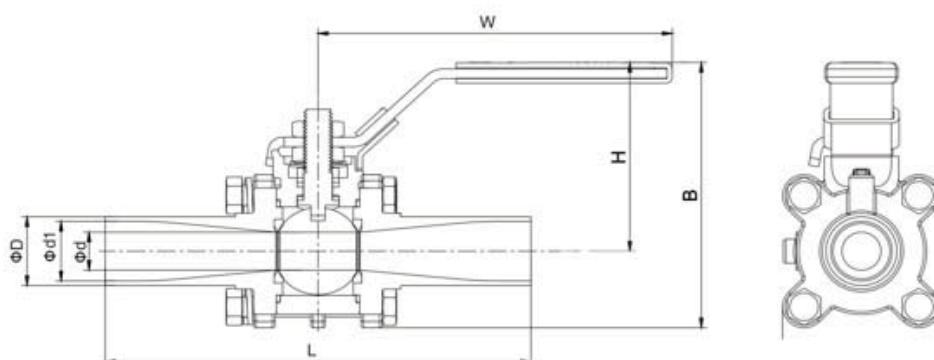


Size	Ød	Ød1	ØD	t	H	L	W	Shape - Size*	BA or AP
15A	15	18.40	21.70	1.65	61.35	155.00	136.00	BV3000-15A-*	
20A	20	23.90	27.20	1.65	72.10	163.47	136.00	BV3000-20A-*	
25A	25	30.70	34.00	1.65	72.10	163.47	162.00	BV3000-25A-*	
32A	32	39.40	42.70	1.65	76.10	194.00	162.00	BV3000-32A-*	
40A	40	45.30	48.60	1.65	89.81	208.00	202.00	BV3000-40A-*	
50A	50	57.20	60.50	1.65	98.15	212.00	202.00	BV3000-50A-*	
65A	65	72.10	76.30	2.11	110.25	248.00	202.00	BV3000-65A-*	
80A	76	84.90	89.10	2.11	154.40	262.00	330.00	BV3000-80A-*	
100A	100	110.10	114.30	2.11	166.10	301.00	330.00	BV3000-100A-*	
125A	125	134.20	139.80	2.80	191.70	330.00	330.00	BV3000-125A-*	
150A	150	159.60	165.20	2.80	211.00	364.00	500.00	BV3000-150A-*	
200A	200	210.70	216.30	2.80	281.00	521.00	350.00	BV3000-200A-*	
250A	250	260.60	267.40	3.40	341.00	339.00	457.00	BV3000-250A-*	
300A	300	310.50	318.50	4.00	383.00	635.00	610.00	BV3000-300A-*	

■ 3000 SERIES STAINLESS STEEL BALL VALVE

- SIZE: 1/2" ~ 6"
- STYLE: 3Piece Type
- Design Pressure: 1.6Mpa
- Design Temperature: Max80°C
- End Connection: BW
- Body Material: Cast Stainless Steel
- Shell Test: 2.4 Mpa
- Shell Closure Test: 2.08Mpa
- Surface Finish: BA or AP
- BA (Ry≤4.5μm)
- AP (Manufactured Face or Casting Face)
- Handle Type: 15A~100A Bar Handle
- 125A~300A Attached Gear Box
- Option: OPP=Out Purge Port
- IPP=In Purge Port
- IOPP=In and Out Purge Port

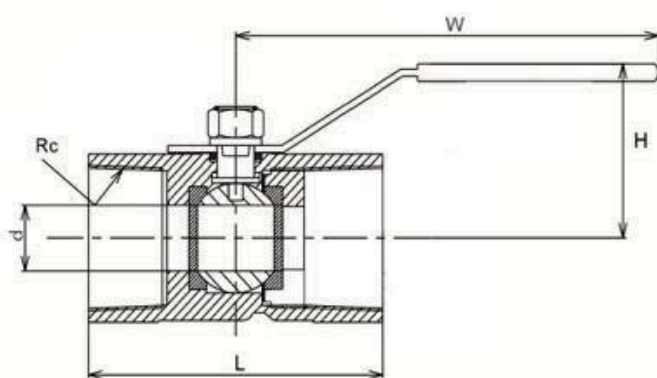
NAME OF PART	MATERIAL	
	ASTM	JIS
CAP	CF3M	SCS16A
BODY	CF8M	SCS14A
BALL	CF8M	SCS14A
BALL SEAT	PTFE	
V-RING STEM PACKING	PTFE	
HANDLE	SUS304	



Size	Ød	Ød1	ØD	t	H	L	W	Shape - Size*	BA or AP
1/2"	10	10.21	12.70	1.24	48.40	103.00	128.00	BV3000-08-*	
3/4"	10	15.75	19.05	1.65	61.35	156.00	136.00	BV3000-12-*	
1"	15	22.10	25.40	1.65	72.10	163.00	136.00	BV3000-16-*	
1 1/2"	25	34.80	38.10	1.65	76.10	194.00	162.00	BV3000-24-*	
2"	32	47.50	50.80	1.65	89.81	222.00	202.00	BV3000-32-*	
2 1/2"	40	60.20	63.50	1.65	98.15	240.00	202.00	BV3000-40-*	
3"	50	72.90	76.20	1.65	110.25	248.00	202.00	BV3000-48-*	
4"	80	97.40	101.60	2.11	165.15	301.00	330.00	BV3000-64-*	
6"	125	146.86	152.40	2.11	211.00	388.00	500.00	BV3000-96-*	

1000 SERIES STAINLESS STEEL BALL VALVE

- SIZE: 8A ~ 50A(1/4"~2")
- STYLE: 1Piece Type
- Design Pressure: 1.6Mpa
- Design Temperature: Max80°C
- End Connection: Threaded Type
- Body Material: Cast Stainless Steel
- Shell Test: 2.4 Mpa
- Shell Closure Test: 2.08Mpa
- Surface Finish: AP (Manufactured Face or Casting Face)
- Handle Type: Bar Handle

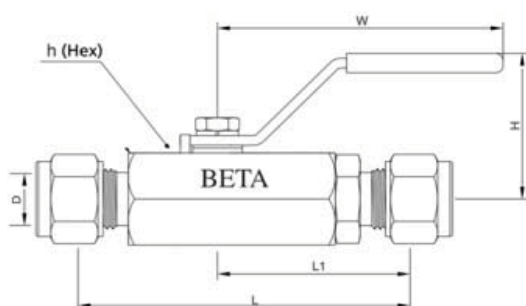


NAME OF PART	MATERIAL	
	ASTM	JIS
CAP	CF8M	SCS14A
BODY	CF8M	SCS14A
BALL	CF8M	SCS14A
BALL SEAT	PTFE	
V-RING STEM PACKING	PTFE	
HANDLE	SUS304	

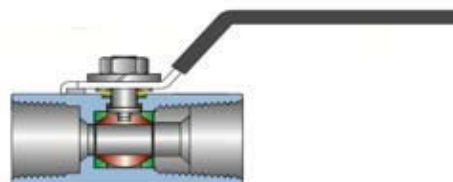
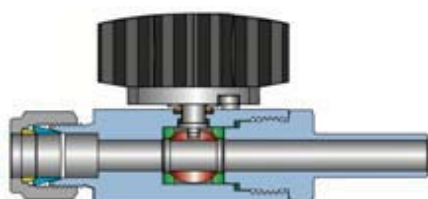
Size		ød	H	L	W	Shape - Size*
1/4"	8A	5	34	39	72	BV1000-04FN-*
3/8"	10A	7	36	44	83	BV1000-06FN-*
1/2"	15A	9	42	57	97	BV1000-08FN-*
3/4"	20A	12.5	44	60	97	BV1000-12FN-*
1"	25A	16	48	71	115	BV1000-16FN-*
1 1/4"	32A	20	52	78	115	BV1000-20FN-*
1 1/2"	40A	25	60	83	123	BV1000-24FN-*
2"	50A	32	60	100	123	BV1000-32FN-*

BV SERIES STAINLESS STEEL HEX BALL VALVE

- SIZE: 1/4" ~ 1"
- STYLE: Hex Bar Stock
- Design Pressure: 1000Psi
- Design Temperature: Max80°C
- End Connection: Bite(B-LOK)、Threaded、BW Type
- Body Material: Forged Stainless Steel
- Shell Test: 1500Psi
- Shell Closure Test: 1000Psi
- Surface Finish: BA
- BA (Ry≤4.5μm)
- Handle Type: Lever Handle
- Butterfly Handle
- Nylon Bar Handle



NAME OF PART	
Body	316SS
Ball Seat	PTFE(Glass 30%)
Ball	316SS
O-Ring	Viton
Connector	316SS
Stem	316SS
Inner Packing	PTFE
Outer Packing	PTFE
Gland	316SS
Washer	316SS
Handle	Aluminium
Front Ferrule	316SS
Back Ferrule	316SS
Nut	316SS



Size	Type	D	L	L1	h	W Lever Handle	W Butterfly Handle	H	Shape - Size*
1/4"	Bite Type(B-LOK)	4.80	72.60	41.70	17.46	65.00	20.00	31.50	BV11U -04-*
3/8"	Bite Type(B-LOK)	7.10	78.20	44.20	20.64	85.00	25.00	37.30	BV12U -06-*
1/2"	Bite Type(B-LOK)	9.00	90.20	51.10	27.00	85.00	25.00	40.10	BV13U -08-*
3/4"	Bite Type(B-LOK)	12.00	96.20	54.10	30.00	110.00		52.00	BV14U -12-*
1"	Bite Type(B-LOK)	15.00	113.80	64.50	36.00	110.00		52.00	BV15U -16-*
1/8"	Threaded(NPT or PT)	4.80	65.10	42.10	17.46	65.00	20.00	31.50	BV11F -02N-*
1/4"	Threaded(NPT or PT)	4.80	65.70	42.10	17.46	65.00	20.00	31.50	BV11F -04N-*
3/8"	Threaded(NPT or PT)	9.00	81.00	46.00	27.00	85.00	25.00	40.10	BV12F -06N-*
1/2"	Threaded(NPT or PT)	9.00	87.50	47.50	27.00	85.00	25.00	40.10	BV13F -08N-*
3/4"	Threaded(NPT or PT)	12.50	61.00	37.50	31.75	110.00		44.50	BV14F -12N-*
1"	Threaded(NPT or PT)	16.00	75.00	44.50	38.10	110.00		48.00	BV15F -16N-*
6mm	Bite Type(B-LOK)	4.80	72.60	41.70	17.46	65.00	20.00	31.50	BV11U -M06-*
8mm	Bite Type(B-LOK)	4.80	73.00	41.90	17.46	65.00	20.00	31.50	BV11U -M08-*
10mm	Bite Type(B-LOK)	7.10	78.20	44.20	20.64	85.00	25.00	37.30	BV12U -M10-*
12mm	Bite Type(B-LOK)	9.00	90.20	51.10	27.00	85.00	25.00	40.10	BV13U -M12-*
25mm	Bite Type(B-LOK)	15.00	113.80	64.50	36.00	110.00		52.00	BV15U -M25-*

PIPE-COMBINED VALVES



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