



MEGATEC

VALVE CATALOG



주식회사 메가텍

본사&1공장(구동부) : 경기도 안산시 단원구 만해로 타원타크라 3차 B동 505호

2공장(밸브생산동) : 경기도 안산시 단원구 만해로 205 타원타크라 3차 B동 507호

전화 : 02-896-8800 팩스 : 031-380-0199

홈페이지 : www.megatec.co.kr 이메일 : info@kst-korea.com

MEGATEC

BALL VALVE

01 재질 / Material

- SCPH2, WCB
- SCS13, SUS304, CF8
- SCS14, SUS316, CF8M
- SCS16, SUS316L, CF3M

02 규격 / Rating

- PT SCREW, S/W, B/W
- JIS 10K, JIS 20K
- ANSI 150#, ANSI 300#
- DIN PN16, DIN PN25

03 시트 / Seat

- PTFE, R-PTFE(RTFE)
- CABON TEFLON, PEEK
- METAL SEAT

04 타입 / Type

- DIRECT MOUNTING PAD TYPE
- MANUAL LEVER OPERATING TYPE
- MANUAL GEAR OPERATING TYPE

인증서 / CERTIFICATE

CELAB®
Via Meina snc
04100 Latina
Italy
celab@celab.com

celab

CERTIFICATE

Certificate Number UCN : 801788172161
Job : 21497
Date of Issue : 2017-05-23
Certificate valid up to : 2021-05-22

Brand Name : KST
Type : Pneumatic actuator
Model N : D11-101, K1-7, AT, RT, BTS

Manufacturer : Kangsate Valve Group Co., Ltd.
Address : No.583, Avenue 4, Road 3, Binhai Industry Zone, Longwan District, Wenzhou City, Zhejiang Province, P.R.C.

Standard Used : EN ISO 4414:2010

Conclusion :
After inspection of the technical documentation issued by the customer, and in his request, we express our opinion that the product meets the technical requirement of the following directives and standards: 2006/42/EC Machinery (MD)

This opinion is only valid for the directive, the equipment and configuration described, in conjunction with the test data detailed above and with compliance with all applicable legal requirement for the product.
The following manufacturer documents was inspected:

Presence of Declaration of conformity template	✓ OK
Presence of test report using standards as indicated in the declaration of conformity	✓ OK
Test report reference : CQ135/20170502	✓ OK
Presence of CE symbol in the product label	✓ OK
Presence of instruction manual	✓ OK
Use of valid Harmonized standard in the declaration of conformity	✓ OK
Presence of product description in the technical construction file	✓ OK

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Massimiliano Bertoldi
General Manager - CELAB
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CE (볼밸브)

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04100 Latina
Italy
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celab

CERTIFICATE

Certificate Number UCN : 801386264438
Job : J18186
Date of Issue : 2016-03-10
Certificate valid up to : 2020-03-09

Brand Name : KST
Type : Pneumatic actuator
Model N : D11-101, K1-7, AT, RT, BTS

Manufacturer : KANGSATE VALVE GROUP CO.,LTD
Address : No.583, Avenue 4, Road 3, Binhai Industry Zone, Longwan District, Wenzhou City, Zhejiang Province, P.R.C.

Standard Used : EN ISO 4414:2010

Conclusion :
After inspection of the technical documentation issued by the customer, and in his request, we express our opinion that the product meets the technical requirement of the following directives and standards: 2006/42/EC Machinery (MD)

This opinion is only valid for the directive, the equipment and configuration described, in conjunction with the test data detailed above and with compliance with all applicable legal requirement for the product.
The following manufacturer documents was inspected:

Presence of Declaration of conformity template	✓ OK
Presence of test report using standards as indicated in the declaration of conformity	✓ OK
Test report reference : CQ135/201602002	✓ OK
Presence of CE symbol in the product label	✓ OK
Presence of instruction manual	✓ OK
Use of valid Harmonized standard in the declaration of conformity	✓ OK
Presence of product description in the technical construction file	✓ OK

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Massimiliano Bertoldi
General Manager - CELAB
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CE (구동기)

ICR
International Certification Registrar

Certificate of Registration

This is to certify that:
MEGATEC CORP.
(Songguk-dong, Tereon TARKAR 3 Knowledge Industry Center) B-605, 205, Munhak-ro, Daejeon-gu, Ansan-si, Gyeonggi-do, Korea

Has been assessed by International Certification Registrar Ltd., in respect of their Quality Management Systems and found to comply with

ISO 9001:2015

Approval is hereby granted for registration providing the rules and conditions relating to certification are observed at all times.

Certification Scope
(Pneumatic, hydraulic, electric) control equipment, manufacture of related products and valves

Certificate Issue Date : 23rd February 2018 Initial Issued Date : 23rd February 2018
Expiration Date : 22nd February 2021 Certificate No. : Q158918

The Seal of ICR Limited was here to affixed in the presence of:

Handwritten Signature
President

ICR
International Certification Registrar Ltd.

IAF **ANAB**

ISO 9001

ICR
International Certification Registrar

Certificate of Registration

This is to certify that:
MEGATEC CORP.
(Songguk-dong, Tereon TARKAR 3 Knowledge Industry Center) B-605, 205, Munhak-ro, Daejeon-gu, Ansan-si, Gyeonggi-do, Korea

Has been assessed by International Certification Registrar Ltd., in respect of their Environmental Management Systems and found to comply with

ISO 14001:2015

Approval is hereby granted for registration providing the rules and conditions relating to certification are observed at all times.

Certification Scope
(Pneumatic, hydraulic, electric) control equipment, manufacture of related products and valves

Certificate Issue Date : 23rd February 2018 Initial Issued Date : 23rd February 2018
Expiration Date : 22nd February 2021 Certificate No. : E074118

The Seal of ICR Limited was here to affixed in the presence of:

Handwritten Signature
President

ICR
International Certification Registrar Ltd.

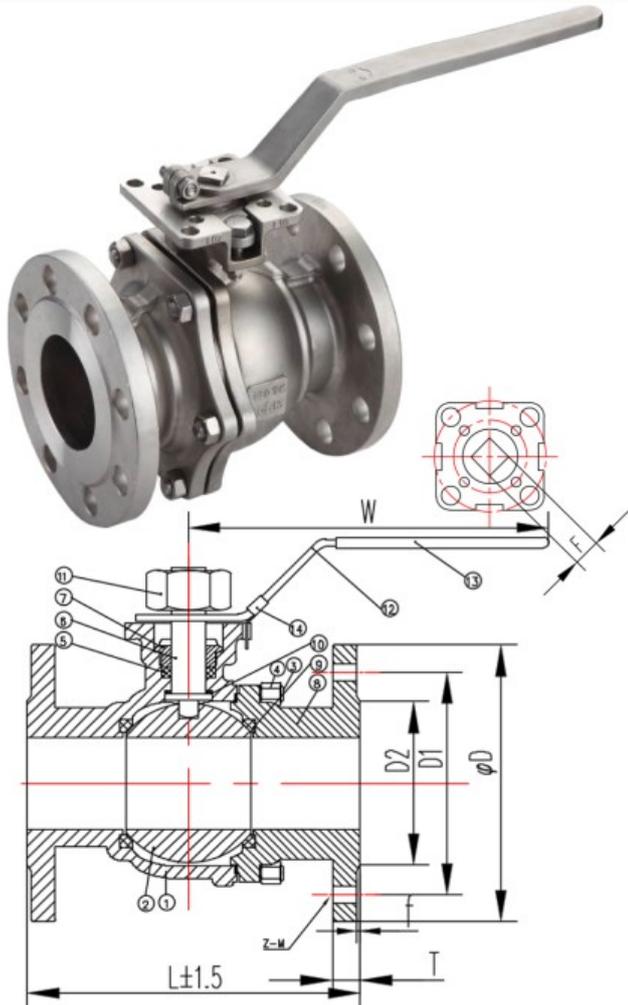
IAF **ANAB**

ISO 14001

생산 현장 / FACTORY



2PC JIS(KS) 10K BALL VALVE DIRECT MOUNTING PAD



DESIGN STANDARD:ASMEB16.34 GB/T12237

PRODUCT STYLE: Q41F-10K

WORKING PRESSURE:10K

TEMPERATURE RANGE:-20°C~120°C

MATERIAL:ASTM-A351-CF8M、ASTM-A351-CF8、

TEST&INSPECTION:API598 JB/T9092

MAIN PARTS MATERIALS:

NO.	PART NAME	MATERIAL	QTY
1	CAP	CF8/CF8M/CF3M	1
2	BOLT	S201/S304	4(6)(8)
3	NUT	S201/S304	4(6)(8)
4	STEM SEAL	PTFE/RTFE	1
5	BALL	SS304/SS316/SS316L	1
6	SEAT	PTFE/RTFE/CABON	2
7	BODY	WCB/CF8/CF8M/CF3M	1
8	STEM	SS304/SS316/SS316L	1
9	THRUST WASHER	PTFE/RTFE	1
10	PACKING	PTFE/RTFE	1
11	GLAND	S201/S304	1
12	HANDLE	HT400	1
13	HANDLE LOCK	S201/S304	1

DIMENSION

DN	d	D	D1	D2	T	f	L (±1.5)	W	Z-M	F
15	15	95	70	52	12	1	108	130	4-Ø15	9
20	20	100	75	58	14	1	117	130	4-Ø15	9
25	25	125	90	70	14	1	127	130	4-Ø19	11
32	32	135	100	80	16	2	140	150	4-Ø19	11
40	40	140	105	85	16	2	165	190	4-Ø19	14
50	50	155	120	100	16	2	178	225	4-Ø19	14
65	65	175	140	120	18	2	190	235	4-Ø19	17
80	80	185	150	130	18	2	203	275	8-Ø19	17
100	100	210	175	157	18	2	229	285	8-Ø19	17
125	125	250	210	185	20	2	356	500	8-Ø23	22
150	150	280	240	215	22	2	394	630	12-Ø23	22

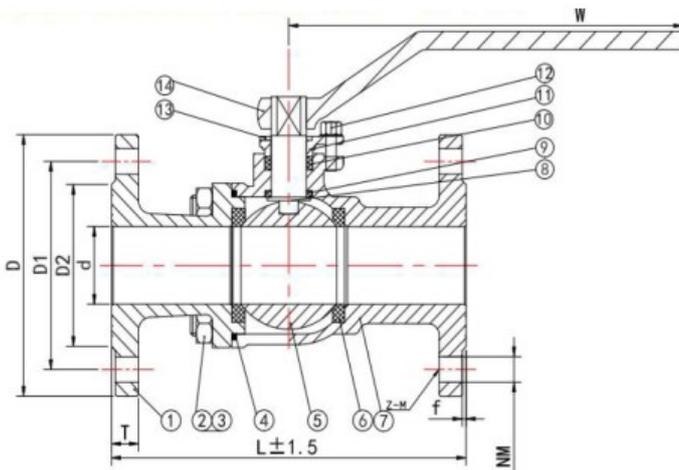
2PC JIS(KS) 10K BALL VALVE LEVER OPERATING



DESIGN STANDARD:ASMEB16.34 GB/T12237
 PRODUCT STYLE: Q41F-10K
 WORKING PRESSURE:10K
 TEMPERATURE RANGE:-20°C~120°C
 MATERIAL:ASTM-A351-CF8M、ASTM-A351-CF8、
 TEST&INSPECTION:API598 JB/T9092

MAIN PARTS MATERIALS:

NO.	PART NAME	MATERIAL	QTY
1	CAP	CF8/CF8M/CF3M	1
2	BOLT	S201/S304	4(6)(8)
3	NUT	S201/S304	4(6)(8)
4	STEM SEAL	PTFE/RTFE	1
5	BALL	SS304/SS316/SS316L	1
6	SEAT	PTFE/RTFE/CABON	2
7	BODY	WCB/CF8/CF8M/CF3M	1
8	STEM	SS304/SS316/SS316L	1
9	THRUST WASHER	PTFE/RTFE	1
10	PACKING	PTFE/RTFE	1
11	GLAND	S201/S304	1
12	BOLT	S201/S304	1
13	LOCATING DEVICE	S201/S304	1
14	HANDLE	HT400	1



DIMENSION									
DN	d	D	D1	D2	T	f	L (±1.5)	W	Z-M
15	15	95	70	52	12	1	108	130	4-Ø15
20	20	100	75	58	14	1	117	130	4-Ø15
25	25	125	90	70	14	1	127	130	4-Ø19
32	32	135	100	80	16	2	140	150	4-Ø19
40	40	140	105	85	16	2	165	190	4-Ø19
50	50	155	120	100	16	2	178	225	4-Ø19
65	65	175	140	120	18	2	190	235	4-Ø19
80	80	185	150	130	18	2	203	275	8-Ø19
100	100	210	175	157	18	2	229	285	8-Ø19
125	125	250	210	185	20	2	356	500	8-Ø23
150	150	280	240	215	22	2	394	630	8-Ø23
200	200	330	290	265	22	2	457	820	12-Ø23

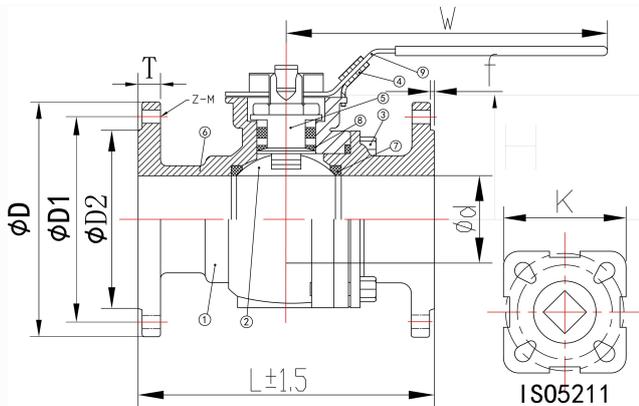
2PC DIN PN16/PN40 BALL VALVE DIRECT MOUNTING PAD



DESIGN STANDARD : DIN 3202/F4
 TEMPERATURE RANGE : -20°C ~ 120°C
 MATERIAL : ASTM-A351-CF8M, CF8, CF3M
 TEST&INSPECTION : API598

MAIN PARTS MATERIALS

NO.	PART NAME	MATERIAL	QTY
1	BODY	WCB/CF8/CF8M/CF3M	1
2	BALL	SS304/SS316/SS316L	1
3	BLOT	S201/S304	4(6)
4	LOCK	S201/S304	1
5	STEM	SS304/SS316/SS316L	1
6	CAP	CF8/CF8M	2
7	SEAT	PTFE/RTFE	2
8	THRUST WASHER	PTFE/RTFE	1
9	STOPPER	S201/S304	1



DIMENSION											
DN	d	D	D1	D2	T	f	L (± 1.5)	W	H	Z-M	F
15	15	95	65	45	16	2	115	131	50	4-14	9
20	20	105	75	58	18	2	120	131	55	4-14	9
25	25	115	85	68	18	2	125	167	58	4-14	11
32	32	140	100	78	18	2	130	167	62	4-18	11
40	40	150	110	88	18	3	140	193	76	4-18	14
50	50	165	125	102	20	3	150	193	85	4-18	14
65	65	185	145	122	18	3	170	242	95	4-18	17
80	80	200	160	138	20	3	180	272	115	8-18	17
100	100	220	182	158	20	3	190	295	140	8-18	17
125	125	250	210	188	22	3	325	530	177	8-18	22
150	150	285	240	212	22	3	350	530	194	8-22	22
200	200	340	295	268	24	3	400	625	180	12-22	27
250	250	405	355	320	26	3	450	/	296	12-26	27

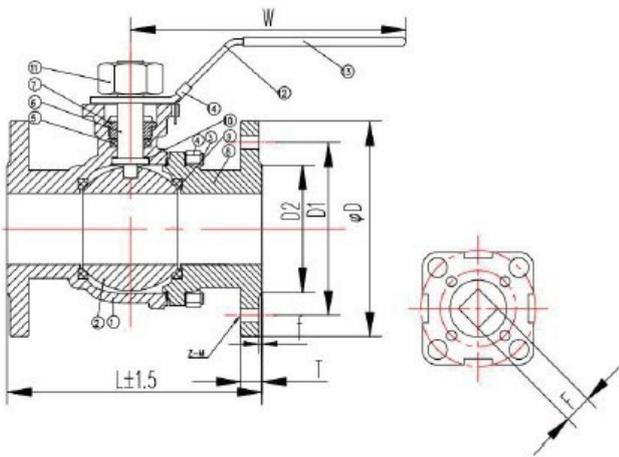
2PC ANSI 150# BALL VALVE DIRECT MOUNTING PAD



DESIGN STANDARD:ASMEB16.34
 PRODUCT STYLE: Q41F-150LB
 WORKING PRESSURE:150LB
 TEMPERATURE RANGE:-20°C~180°C
 MATERIAL:ASTM-A351-CF8M、ASTM-A351-CF8、
 ASTM-A216-WCB
 TEST&INSPECTION:API598 JB/T9092

MAIN PARTS MATERIALS:

NO.	PART NAME	MATERIAL	QTY
1	BODY	WCB/CF8/CF8M/CF3M	1
2	BALL	SS304/SS316/SS316L	1
3	BLOT	S201/S304	4(6)
4	NUT	S201/S304	6(12)
5	PACKING	PTFE/RTFE	1
6	STEM	SS304/SS316/SS316L	1
7	GLAND	SS304/SS316/SS316L	1
8	CAP	WCB/CF8/CF8M/CF3M	1
9	SEAT	PTFE/RTFE	2
10	THRUST WASHER	PTFE/RTFE	1
11	NUT	S201/S304	1
12	HANDLE	S201/S304	1
13	HANDEL COVER	PVC	1
14	LOCK	S201/S304	1



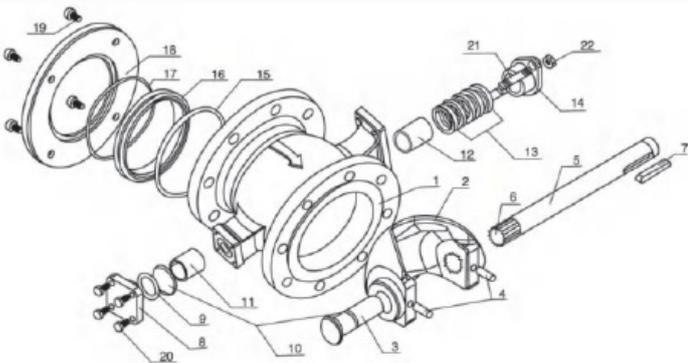
DIMENSION

DN	d	D	D1	D2	T	f	L (±1.5)	F
1/2"	13	90	60	35	8	2	108	9
3/4"	20	100	70	43	9	2	117	9
1"	25	110	79	51	10	2	127	11
1 1/4"	31	115	89	64	11	2	140	11
1 1/2"	38	125	98	73	13	2	165	14
2"	50	150	121	92	14	2	178	14
2 1/2"	64	180	140	105	16	2	190	17
3"	76	190	152	127	18	2	203	17
4"	100	230	191	157	22	2	229	17
5"	127	255	216	189	22	2	356	22
6"	152	280	241	216	24	2	394	22
8"	203	345	299	270	27	2	457	27
10"	254	405	362	324	29	2	533	27

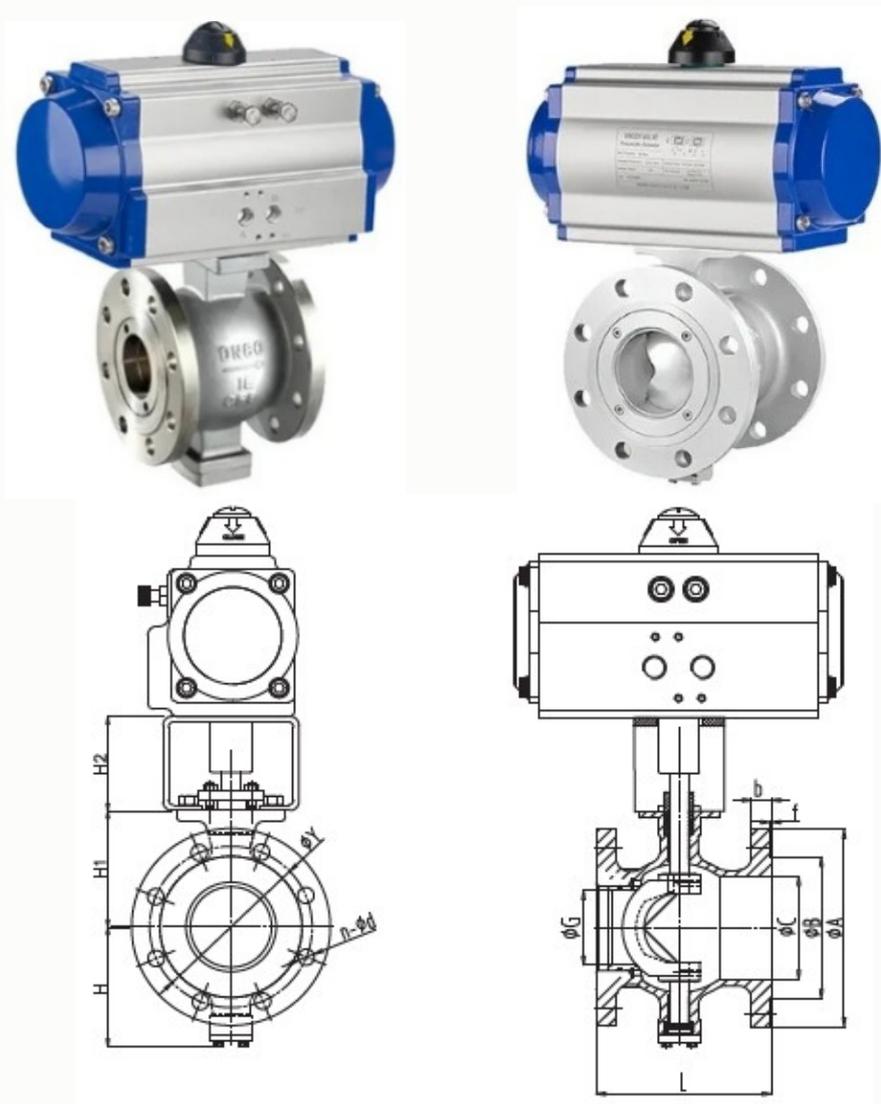
PNEUMATIC SEGMENT(V-PORT) BALL VALVE JIS 10K



NO.	PART NAME	MATERIAL	QTY
1	BODY	WCB/CF8/CF8M/CF3M	1
2	BALL	SS304/SS316/SS316L	1
3	REAR STEM	17-4PH, SS316	1
4	CYLINDRICAL PIN	SS304, SS316	1
5	FRONT STEM	17-4PH, SS316	2
6	SPLINE	17-4PH, SS316	1
7	FLAT KEY	SS304, 45#	1
8	AFTER GLAND	CF8, CF8M	1
9	O-RING	VITON	1
10	ADJUST PAD	PTFE/RTFE	1
11	SELF-LUBRICATING BEARINGS	COMPOSITE MATERIAL	1
12	SELF-LUBRICATING BEARINGS	COMPOSITE MATERIAL	1
13	PACKING	PTFE	1
14	GLAND	CF8	1
15	O-RING	VITON	1
16	SEAL BLOCK	PTFE, CF8, CF8M, CF3M	1
17	SEAL BLOCK SPRING	SS316	1
18	SEALING LID	Q235, SS304, SS316	1
19	INNER HEXAGON SCREW	SS304	
20	HEXAGON SCREW	SS304	4



PNEUMATIC SEGMENT(V-PORT) BALL VALVE JIS 10K

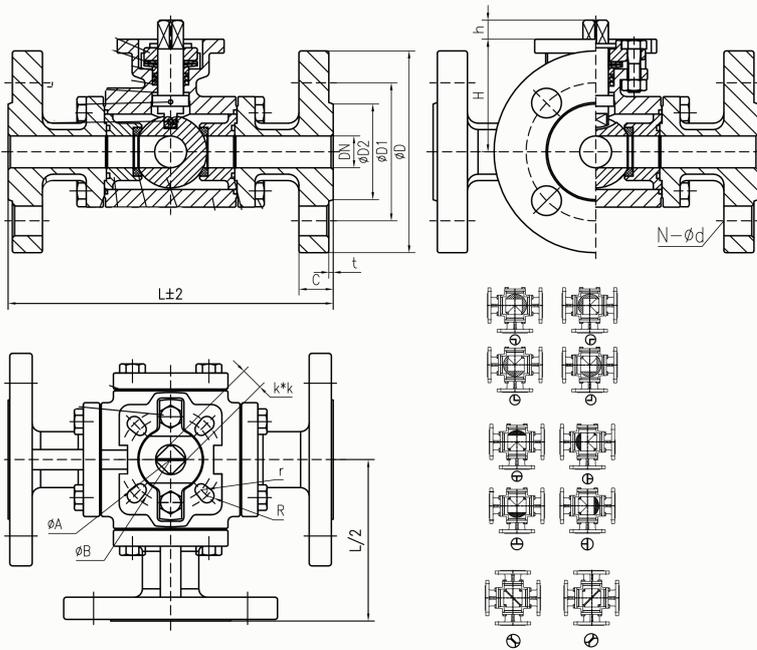


SIZE	25A	32A	40A	50A	65A	80A	100A	125A	150A	200A
A	125	135	140	155	175	185	210	280	280	330
B	70	80	85	100	120	130	157	185	215	265
C	38	45	50	62	73	90	115	134	164	206
G	20	25	32	40	55	62	80	100	125	155
Y	85	100	110	125	145	160	180	210	240	295
b	16	18	18	20	20	20	22	22	24	24
f	2	2	2	2	2	2	2	2	2	2
N-Ød	4-Ø19	4-Ø19	4-Ø19	4-Ø19	4-Ø19	8-Ø19	8-Ø19	8-Ø23	12-Ø23	12-Ø23
L	102	102	114	124	145	165	194	194	229	243
H	81	86	90	93	108	123	138	128	170	200
H1	178	183	185	195	210	223	235	250	270	320

JIS(KS) 10K 3WAY BALL VALVE DIRECT MOUNTING PAD



DESIGN STANDARD : ASMEB16.34 GB/T12237
 PRODUCT STYLE : Q41F-10K
 WORKING PRESSURE : 10K
 TEMPERATURE RANGE : -20°C ~ 120°C
 MATERIAL : ASTM-A351-CF8M, CF8, CF3M
 TEST&INSPECTION : API598 JB/T9092



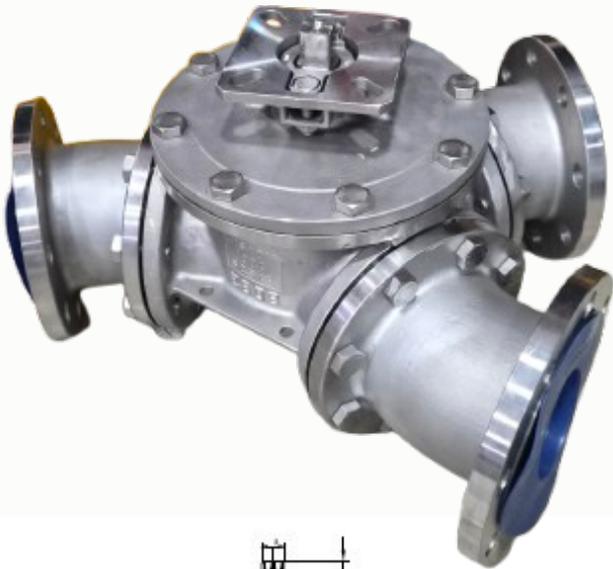
MAIN PARTS MATERIALS

NO.	PART NAME	MATERIAL	QTY
1	BODY	WCB/CF8/CF8M/CF3M	1
2	BALL	SS304/SS316/SS316L	1
3	BLOT	S201/S304	4(6)
4	NUT	S201/S304	6(12)
5	PACKING	PTFE/RTFE	1
6	STEM	SS304/SS316/SS316L	1
7	GLAND	SS304/SS316/SS316L	1
8	CAP	WCB/CF8/CF8M/CF3M	1
9	SEAT	PTFE/RTFE	2
10	THRUST WASHER	PTFE/RTFE	1
11	NUT	S201/S304	1
12	HANDLE	S201/S304	1
13	HANDEL COVER	PVC	1
14	LOCK	S201/S304	1

DIMENSION

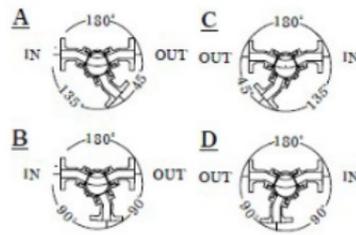
SIZE	DN	L	D	D1	D2	t	C	H	k*k	h
15A	15	152	95	70	51	1	12	55	9	9
20A	20	167	100	75	56	1	14	60	11	11
25A	25	190	125	90	67	1	14	67	14	14
32A	32	208	135	100	76	2	16	80	14	14
40A	40	230	140	105	81	2	16	96	17	17
50A	50	254	155	120	96	2	16	101	17	17
65A	65	275	175	140	116	2	18	124	17	17
80A	80	300	185	150	126	2	18	155	22	22
100A	100	348	210	175	151	2	15	178	22	22

JIS(KS) 10K Y-TYPE 3WAY BALL VALVE DIRECT MOUNTING PAD TYPE

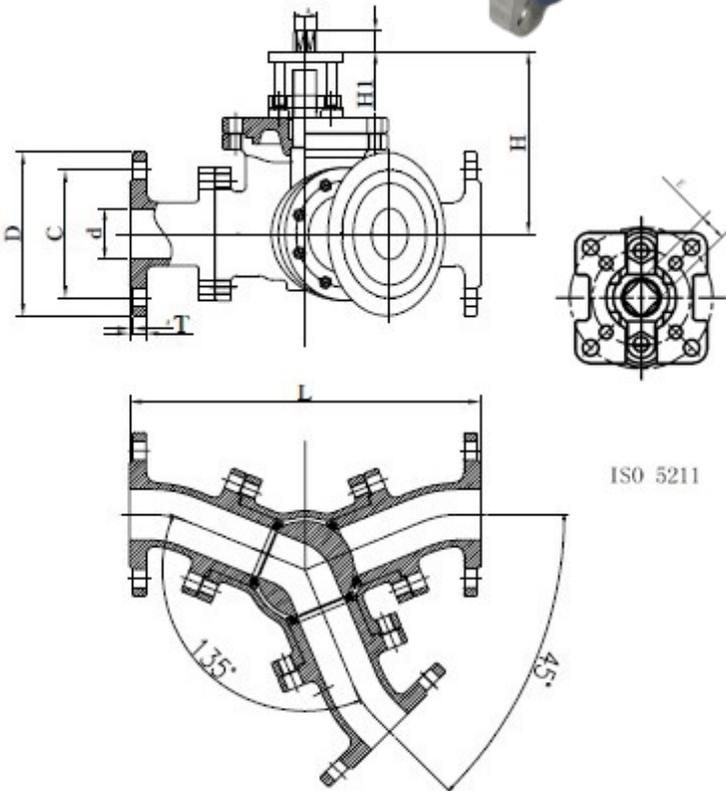
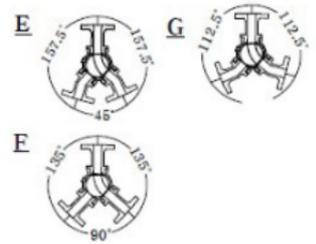


DESIGN STANDARD : ASMEB16.34 GB/T12237
 PRODUCT STYLE : Q41F-10K
 WORKING PRESSURE : 10K
 TEMPERATURE RANGE : -20°C ~ 120°C
 MATERIAL : ASTM-A351-CF8M, CF8, CF3M
 TEST&INSPECTION : API598 JB/T9092

Horizontal



Vertical



MAIN PARTS MATERIALS

NO.	PART NAME	MATERIAL	QTY
1	BODY	WCB/CF8/CF8M/CF3M	1
2	BALL	SS304/SS316/SS316L	1
3	BLOT	S201/S304	4(6)
4	NUT	S201/S304	6(12)
5	PACKING	PTFE/RTFE	1
6	STEM	SS304/SS316/SS316L	1
7	GLAND	SS304/SS316/SS316L	1
8	CAP	WCB/CF8/CF8M/CF3M	1
9	SEAT	PTFE/RTFE	2
10	THRUST WASHER	PTFE/RTFE	1
11	NUT	S201/S304	1
12	HANDLE	S201/S304	1
13	HANDEL COVER	PVC	1
14	LOCK	S201/S304	1

DIMENSION

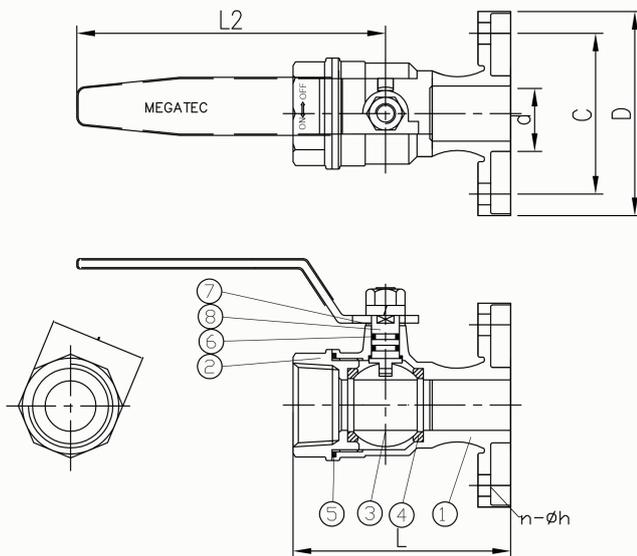
SIZE	d	L	C	D	T	f	N-n	E	H	H1	ISO5211
40A	40	280	105	140	16	2	4-19	17	130	18	F10
50A	50	280	120	155	16	2	4-19	17	140	18	F10
65A	65	320	140	175	18	2	4-19	22	161	22	F10/F12
80A	80	360	150	185	18	2	8-19	22	178	22	F10/F12
100A	100	460	175	210	18	2	8-19	22	178	22	F10/F12
125A	125	500	210	250	20	2	8-23	27	222	28	F10/F12
150A	150	660	240	280	22	2	8-23	36	262	36	F14/F16

2PC DIN & SCREW BALL VALVE LEVER OPERATING



DESIGN STANDARD : ASMEB16.34 GB/T12237
 THREADED ENDS : PT, BSPT, NPT, DIN2999, DIN 259
 DIN EN ISO 228
 PRODUCT STYLE : Q15F/Q14F
 WORKING PRESSURE : 1000PSI
 TEMPERATURE RANGE : -20°C ~ 120°C
 MATERIAL : ASTM-A351-CF8M, CF8, CF3M
 TEST&INSPECTION : API598 JB/T9092

MAIN PARTS MATERIALS



NO.	PART NAME	MATERIAL	QTY
1	BODY	CF8, CF8M, CF3M	1
2	CAP	CF8, CF8M, CF3M	1
3	BALL	CF8, CF8M, CF3M	1
4	SEAT	PTFE, RTFE	2
5	GASKET	PTFE, RTFE	1
6	SEAT RING	PTFE, RTFE	1
7	GLAND	CF8, CF8M, CF3M	1
8	STEM	CF8, CF8M, CF3M	1
9	HANDEL	CF8, CF8M, CF3M	1

DIMENSION

DN	d	C	D	L	L2
25A	25	85	125	87	110
32A	32	100	135	100	130
40A	40	110	140	105	150
50A	50	125	155	123	150

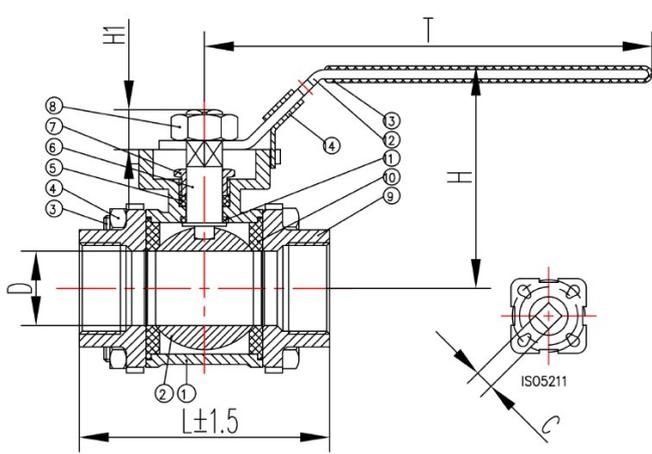
3PC BALL VALVE SCREW DIRECT MOUNTING PAD



DESIGN STANDARD : ASMEB16.34 GB/T12237
 THREADED ENDS : PT, BSPT, NPT, DIN2999, DIN 259
 DIN EN ISO 228
 PRODUCT STYLE : Q11F-1000WOG(P/R)
 WORKING PRESSURE : 1000PSI
 TEMPERATURE RANGE : -20°C ~ 180°C
 MATERIAL : ASTM-A351-CF8M, CF8, CF3M
 TEST&INSPECTION : API598 JB/T9092

MAIN PARTS MATERIALS

NO.	PART NAME	MATERIAL	QTY
1	BODY	CF8/CF8M	1
2	BALL	SS304/SS316	1
3	BLOT	S201/S304	4(6)
4	NUT	S201/S304	6(12)
5	PACKING	PTFE/RTFE	1
6	STEM	SS304/SS316	1
7	GLAND	SS304/SS316	1
8	CAP	CF8/CF8M/CF3M	1
9	SEAT	PTFE/RTFE/CABON	2
10	THRUST WASHER	PTFE/RTFE	1
11	NUT	S201/S304	1
12	HANDLE	S201/S304	1
13	HANDEL COVER	PVC	1
14	LOCK	S201/S304	1



DIMENSION

DN	D	L (±1.5)	H	T	C	ISO5211
1/4"	8	65	60	35	9	F03/F04
3/8"	10	65	70	43	9	F03/F04
1/2"	15	65	79	51	9	F03/F04
3/4"	20	73	89	64	9	F03/F04
1"	25	83	84	73	11	F04/F05
1 1/4"	32	99	121	92	11	F04/F05
1 1/2"	40	110	140	105	14	F05/F07
2"	50	126	152	127	14	F05/F07

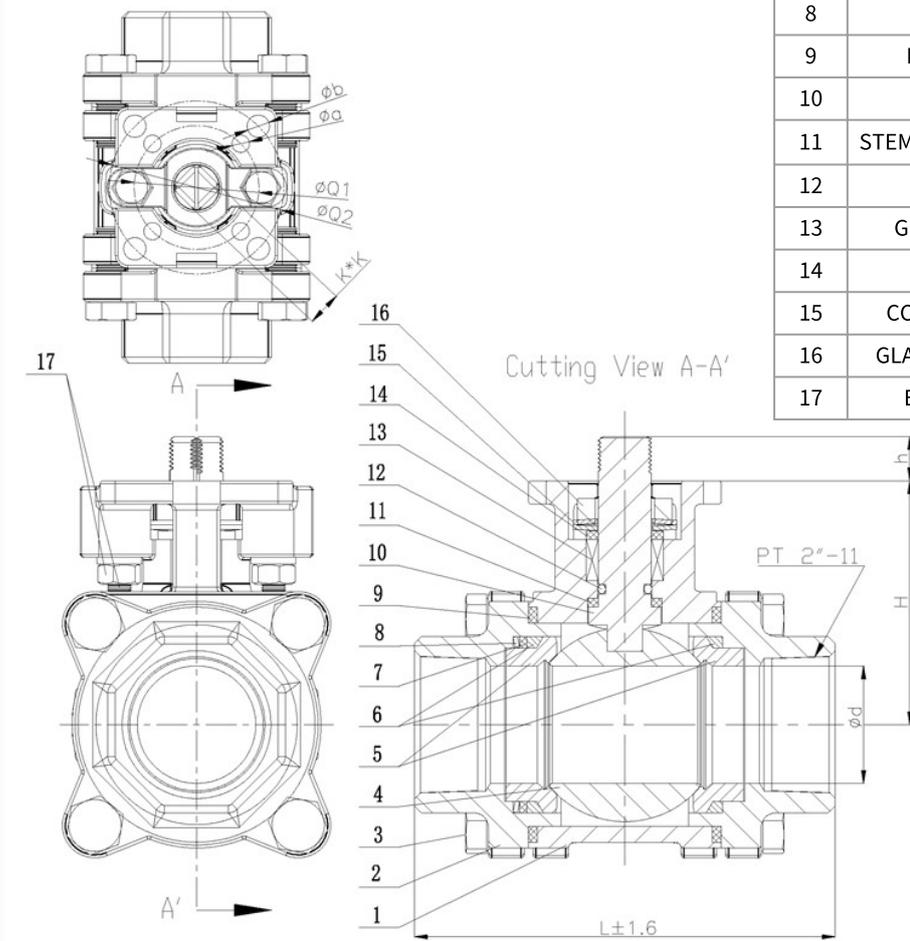
3PC BALL VALVE SCREW (METAL SEAT) MOUNTING PAD



FLANGE STANDARD : JIS B 2220:2004
 FACE TO FACE DIMENSION : MFS
 WALL THICKNESS STANDARD : ASME B16.34
 TEST STANDARD : FCI 70-2
 PRESSURE TEMPERATURE RATING : ASME B 16.34
 순간 최대온도 : 600CEL

MAIN PARTS MATERIALS

NO.	PART NAME	MATERIAL	QTY
1	BODY	CF8	1
2	CAP	CF8	2
3	BODY BOLT	A193 B8	8
4	BALL	SUS304 + HCr	1
5	SEAT	SUS304 + STL	2
6	SEAT PACKING	GRAPHITE	2
7	SEAT INSERT	SUS304	1
8	SEAT SPRING	17-7PH	2
9	BODY GASKET	SPW304+GRAPHITE	2
10	STEM	SUS304	1
11	STEM THRUST WASHER	SUS304	1
12	O-RING	FFKM	1
13	GLAND PACKING	GRAPHITE	1
14	GLAND RING	SUS304	1
15	CONICAL WASHER	SUS304	2
16	GLAND FLANGE NUT	SUS304	1
17	BONNET BOLT	SUS304	4



DIMENSION											
NPS	CLASS	L(±1.5)	d	K	h	H	a	b	Q1	Q2	WEIGH
50A	20K	173	50	17	20	100	9	11	70	102	8.5(Kg)

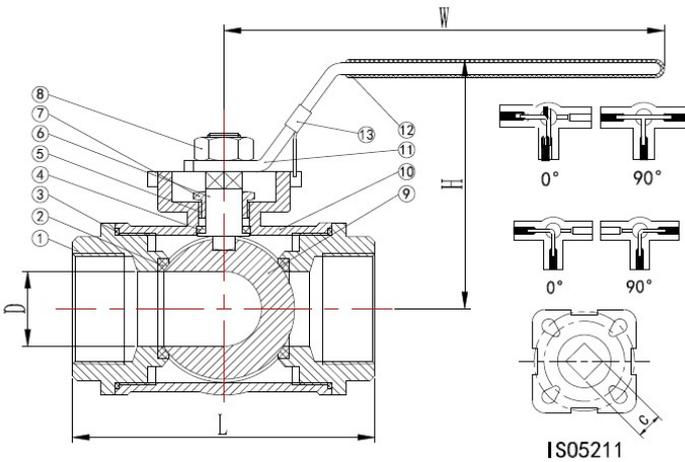
3WAY BALL VALVE SCREW DIRECT MOUNTING PAD



DESIGN STANDARD : ASME B16.34 GB/T12237
 THREADED ENDS : PT, BSPT, NPT, DIN2999, DIN 259
 DIN EN ISO 228
 PRODUCT STYLE : Q15F/Q14F
 WORKING PRESSURE : 1000PSI
 TEMPERATURE RANGE : -20°C ~ 120°C
 MATERIAL : ASTM-A351-CF8M, CF8, CF3M
 TEST&INSPECTION : API598 JB/T9092

MAIN PARTS MATERIALS

NO.	PART NAME	MATERIAL	QTY
1	CAP	CF8/CF8M	3
2	SEAT	PTFE/RTFE	3
3	JOINT GASKET	PTFE/RTFE	3
4	THRUST WASHER	PTFE/RTFE	1
5	PACKING	PTFE/RTFE	1
6	STEM	SS304/SS316	1
7	GLAND	SS304	1
8	NUT	SS304	1
9	BALL	SS304/SS316	1
10	BODY	CF8/CF8M	1
11	HANDLE	SS201	1
12	HANDLE COVER	PVC	1
13	LOCK	SS201	1



DIMENSION							
DN	D	D1	D2	T	f	L (±1.5)	C
1/2"	12	60	35	8	2	70	9
3/4"	15	70	43	9	2	78	9
1"	20	79	51	10	2	88	11
1 1/4"	25	89	64	11	2	110	11
1 1/2"	32	98	73	13	2	132	14
2"	38	121	92	14	2	146	14

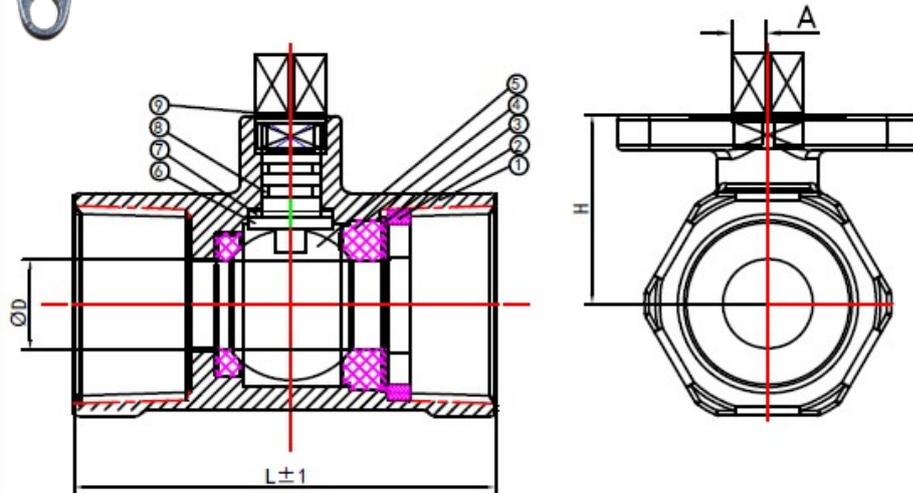
1PC BALL VALVE SCREW DIRECT MOUNTING 2HOLE



DESIGN STANDARD : ASME B16.34 GB/T12237
 THREADED ENDS : PT, BSPT, NPT, DIN2999, DIN 259
 DIN EN ISO 228
 PRODUCT STYLE : Q15F/Q14F
 WORKING PRESSURE : 1000PSI
 TEMPERATURE RANGE : -20°C ~ 120°C
 MATERIAL : ASTM-A351-CF8M, CF8, CF3M
 TEST&INSPECTION : API598 JB/T9092

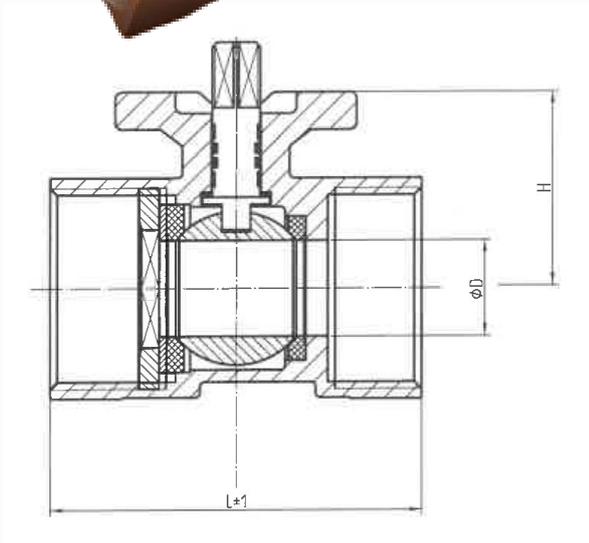
MAIN PARTS MATERIALS

NO.	PART NAME	MATERIAL	QTY
1	BODY	CF8/CF8M	1
2	CAP	SS304/SS316	1
3	JOINT GASKET	PTFE/RTFE	1
4	SEAT	PTFE/RTFE	2
5	BALL	SS304/SS316	1
6	STEM	SS304/SS316	1
7	THRUST WASHER	PTFE/RTFE	1
8	O-RING	EPDM/FKM	2
9	COUPLING KEY	SS304/SS316	1



DIMENSION					
DN	D	L (± 1.5)	H	E	C
1/4"	5	39	33	71	9
3/8"	7	44	35	93	9
1/2"	9.2	55	40	95	9
3/4"	12.5	59	44	95	9
1"	15	69	51	113	11
1 1/4"	20	77	57	113	11
1 1/2"	25	81	64	141	14
2"	32	97	68	141	14

1PC BALL VALVE SCREW DIRECT MOUNTING



DESIGN STANDARD : ASME B16.34 GB/T12237
 THREADED ENDS : PT, BSPT, NPT, DIN2999, DIN 259
 DIN EN ISO 228
 PRODUCT STYLE : Q15F/Q14F
 WORKING PRESSURE : 1000PSI
 TEMPERATURE RANGE : -20°C ~ 120°C
 MATERIAL : ASTM-A351-CF8M, CF8, CF3M
 TEST&INSPECTION : API598 JB/T9092

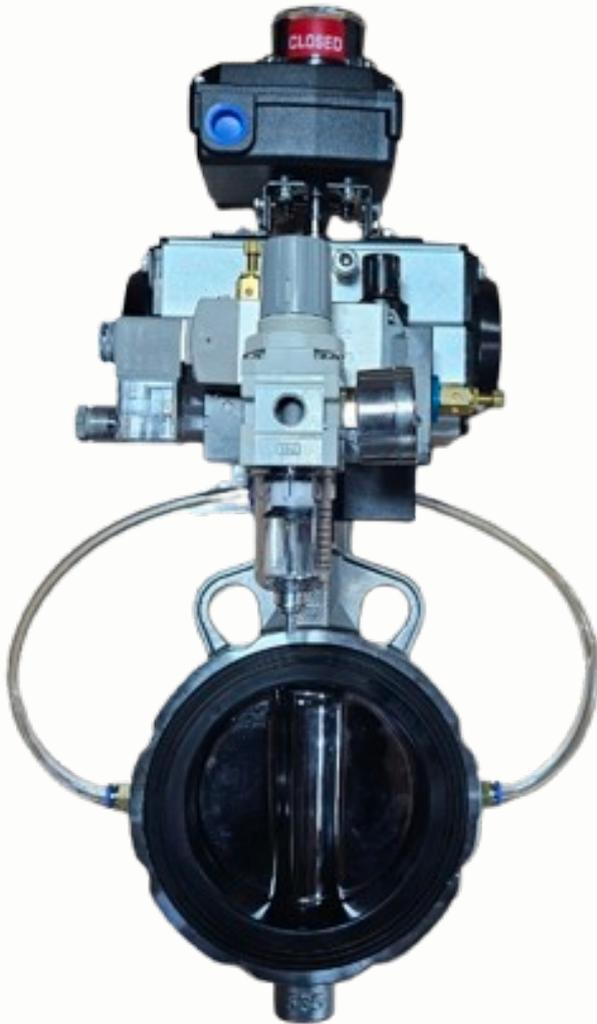
MAIN PARTS MATERIALS

NO.	PART NAME	MATERIAL	QTY
1	CAP	CF8/CF8M	3
2	SEAT	PTFE/RTFE	3
3	JOINT GASKET	PTFE/RTFE	3
4	THRUST WASHER	PTFE/RTFE	1
5	PACKING	PTFE/RTFE	1
6	STEM	SS304/SS316	1
7	GLAND	SS304	1
8	NUT	SS304	1
9	BALL	SS304/SS316	1
10	BODY	CF8/CF8M	1
11	HANDLE	SS201	1
12	HANDLE COVER	PVC	1
13	LOCK	SS201	1

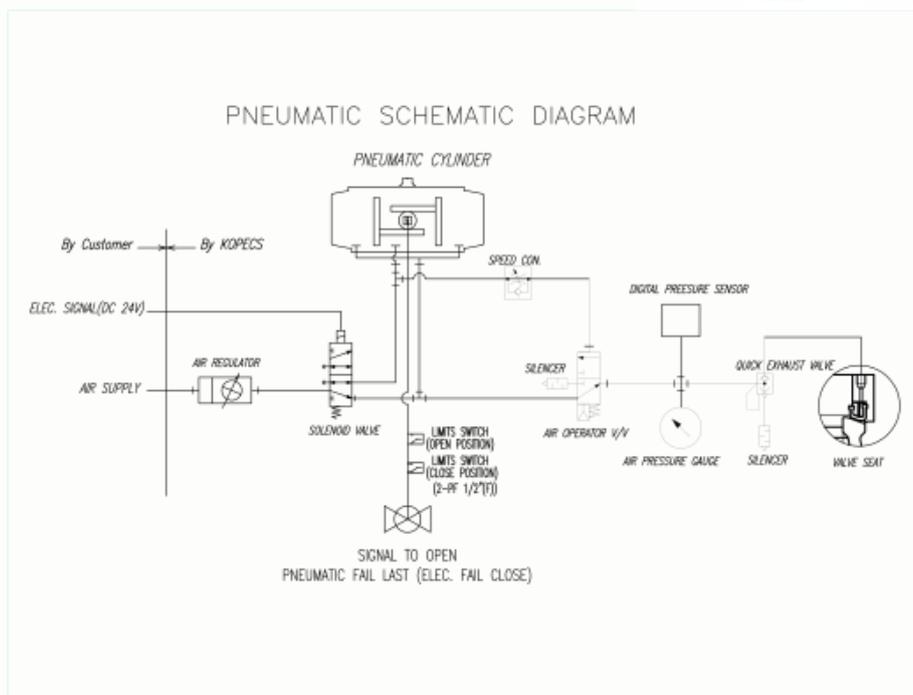
DIMENSION

DN	D	L (±1.5)	H	E	C
1/4"	5	40	24	71	9
3/8"	7	45	24	93	9
1/2"	9.2	50	26	95	9
3/4"	12.5	60	32	95	9
1"	15	73	35	113	9
1 1/4"	20	78	38	113	9
1 1/2"	25	89	42	141	11
2"	32	100	50	141	11

AIR PLUS BUTTERFLY VALVE (CONCENTRIC)



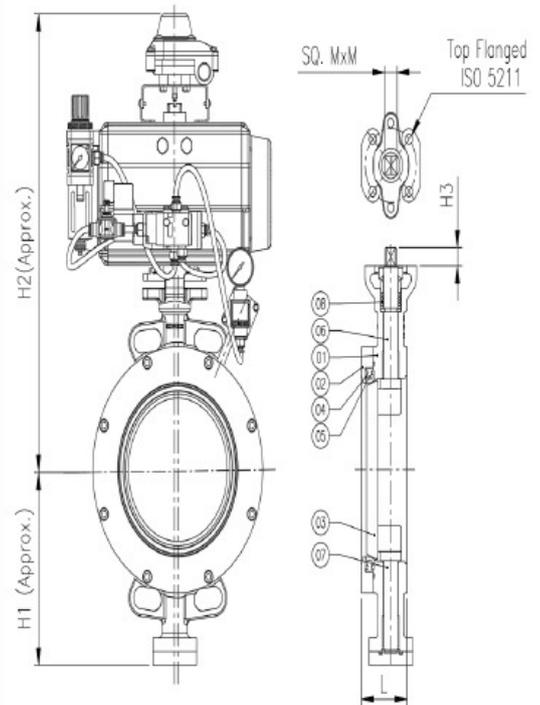
NO.	PART NAME	MATERIAL	QTY
1	BODY	SCS13 + E.T.F.E COAT	1
2	RETAINER	304SS	1
3	DISC	SCS13 + W.C COAT	1
4	SEAT	FKM, EPDM	1
5	SEAT RING	304SS	1
6	UPPER STEM	304SS	1
7	LOWER STEM	304SS	1
8	PACKING	V - PTFE	1
9	PACKING GLAND	304SS	1
10	PACKING FLANGE	SCS13	1



AIR PLUS BUTTERFLY VALVE(High Performance)



NO.	PART NAME	MATERIAL
1	BODY	A351 CF8 + E.T.F.E COATING
2	RETAINER	SUS 304 + TUNGSTEN COATING
3	DISC	A351 CF8 + TUNGSTEN COATING
4	SEAT	NBR/EPDM/FKM/SILICONE
5	SEAT RING	SUS 304 / 316
6	UPPER STEM	SUS 304 / 316
7	LOWER STEM	SUS 304 / 316
8	PACKING	V-PTFE



DIMENSION							
DN	INCH	L	H1	H2	TOP FLANGE	M X M	H3
80	3"	58	120	358	F05	14 X 14	16
100	4"	65	140	380	F07	14 X 14	16
150	6"	65	180	420	F07	17 X 17	20
200	8"	71	208	490	F07	17 X 17	20
250	10"	90	242	560	F10	22 X 22	26
300	12"	110	270	620	F10	22 X 22	30

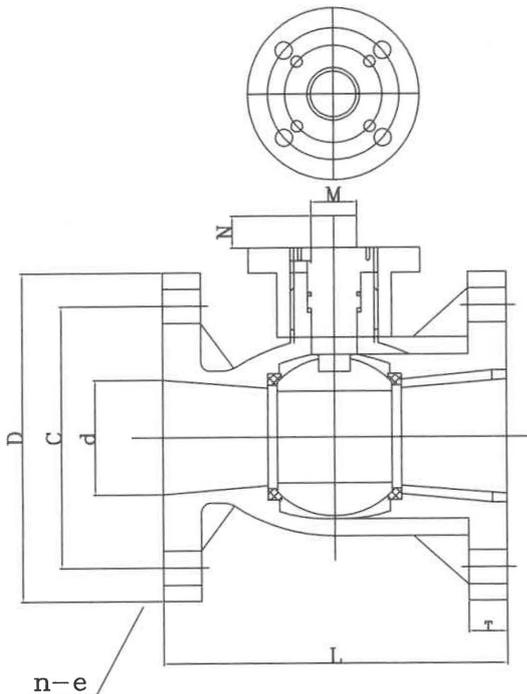
UPVC BALL VALVE JIS 10K DIRECT MOUNTING TYPE



MATERIAL : PVC, CPVC, PVDF
 SIZE : 15A ~ 100A
 PRESSURE RATING : JIS 10Kgf/Cm
 CONNECTIONS : JIS 10K
 FULL BORE TYPE
 ISO 5211 DIRECT MOUNTING PAD TYPE

MAIN PARTS MATERIALS

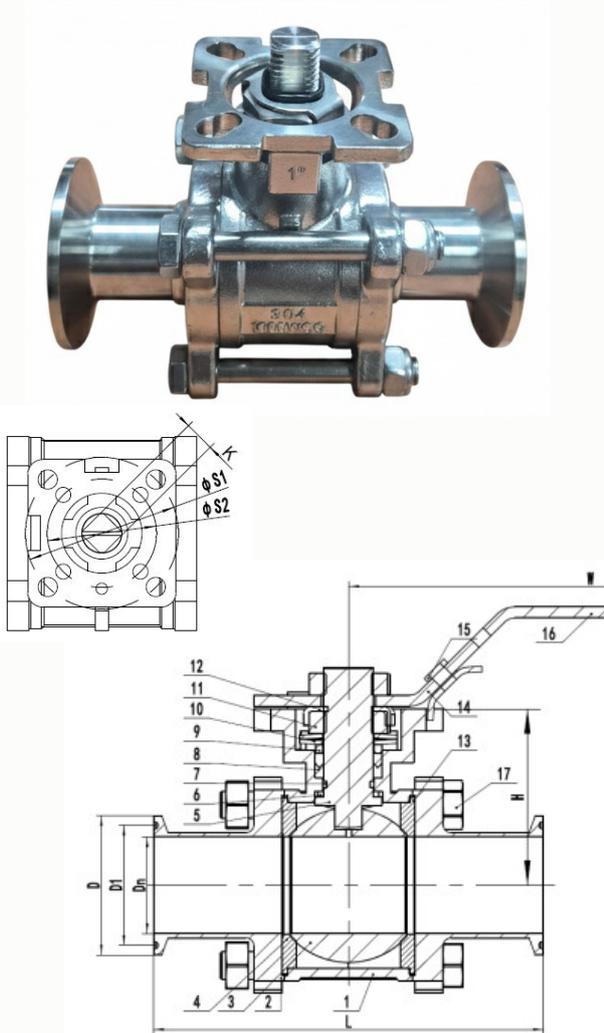
NO.	PART NAME	MATERIAL	QTY
1	BALL	UPVC/CPVC/PVDF	2
2	BODY	UPVC/CPVC/PVDF	1
3	BODY CAP FLANGE	UPVC/CPVC/PVDF	1
4	SEAT	PTFE	1
5	BODY CAP O-RING	EPDM	1
6	STEM O-RING	EPDM	6
7	STEM	UPVC/CPVC/PVDF	1
8	GLAND CAP	UPVC/CPVC/PVDF	1
9	BRACKET	UPVC/CPVC/PVDF	1



DIMENSION

DN	D	C	d	L (±1.5)	T	n-e	PCD	M	N	WORKING PRESSURE (Kg/Cm)	TEST PRESSURE (Kg/Cm)	Torque (N/m)
15A	95	70	7.5	120	14	4-15	F07	9	5	7.5	10	9
20A	105	75	20	122	14	4-15	F07	9	7	7.5	10	10
25A	115	90	25	140	15	4-19	F07	9	9	7.5	10	12
32A	135	100	29	186	16	4-19	F07	11	11	7.5	10	13
40A	145	105	40	207	18	4-19	F07	14	17	7.5	10	14
50A	160	120	50	207	18	4-19	F07	14	17	7.5	10	16
65A	180	140	65	218	19	4-19	F07/F10	14	21	7.5	10	22
80A	195	150	80	235	20	8-19	F07/F10	14	21	7.5	10	30
100A	210	175	100	246	23	8-19	F07/F10	17	24	7.5	10	38

SANITARY BALL VALVE FERRULE DIRECT MOUNTING TYPE



MATERIAL : SCS13(304), SCS14(316), SCS16(316L)
 SIZE : 1/2S ~ 4S
 CONNECTIONS : FERRULE
 FULL BORE TYPE
 ISO 5211 DIRECT MOUNTING PAD TYPE

MAIN PARTS MATERIALS

NO.	PART NAME	MATERIAL	QTY
1	BODY	CF8/CF8M/CF3M	1
2	WELDED END	CF8/CF8M/CF3M	2
3	BALL	SS304/SS316/SS316L	1
4	SEAT RING	PTFE	2
5	STEM	SS304/SS316/SS316L	1
6	STEM THRUST WASHER	PTFE	1
7	O RING	EPDM/NBR/FKM	1
8	STEM PACKING	PTFE	1
9	GLAND	SS304	1
10	DISK SPRING	SS304	2
11	STEM NUT	SS304	2
12	LOCK PLATE	SS304	1
13	GASKET	PTFE	2
14	WRENCH	SS201	1
15	LOCKING DEVICE	SS201	1
16	SLEEV	PVC	1
17	STUD	SS304	4

DIMENSION									
DN	L(±1.5)	Dn	D1	D	H	W	S1	S2	K
0.5 S	90	9.4	20	25.2	39	125	F03	F04	9X9
1 S	110	22.1	43.5	50.5	52	165	F04	F05	11X11
1.5 S	130	34.8	43.5	50.5	64	175	F05	F07	14X14
2 S	150	47.5	46.5	64	73.5	175	F05	F07	14X14
2.5 S	170	60	70.5	77.5	100	175	F07	F10	14X14
3S	200	72.9	83.5	91	111	265	F07	F10	17X17
4S	280	96	110	119	123	320	F07	F10	19X19

특허증 / CERTIFICATE OF PATENT

특허증

CERTIFICATE OF PATENT

특허

Patent Number

제 10-2459539 호

출원번호

Application Number

제 10-2022-0054924 호

출원일

Filing Date

2022년 05월 03일

등록일

Registration Date

2022년 10월 24일

발명의 명칭 Title of the Invention

펌프 직결용 볼밸브

특허권자 Patentee

주식회사 메가텍(110111-*****)

경기도 안산시 단원구 만해로 205, 비동 505호(성곡동, 타원타크라3차)

발명자 Inventor

김태경(720613-*****)

경기도 안산시 상록구 화랑로 527 주공10단지아파트 1003동 802호

위의 발명은 「특허법」에 따라 특허원부에 등록되었음을 증명합니다.

This is to certify that, in accordance with the Patent Act, a patent for the invention has been registered at the Korean Intellectual Property Office.

2022년 10월 24일



QR코드로 현재기준
등록사항을 확인하세요



특허청

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이인실



화학성분검사표 / TEST REPORT



BEYOND ASIAN HUB, TOWARD GLOBAL WORLD

TEST REPORT

우 13810 경기도 과천시 교육원로 98(중앙동)

TEL (031)499-5390 FAX (031)499-6867

성적서번호 : TAK-2023-116329

접 수 일 자 : 2023년 08월 17일

대 표 자 : 김태경

시험완료일자 : 2023년 08월 25일

업 체 명 : (주)메가텍

주 소 : 경기도 안산시 단원구 만해로 205, B동 5층 505호(성곡동, 타원 TAKRA III)

시 료 명 : 금속시편 (STS304)

시험결과

시험항목	단위	시료구분	결과치	시험방법
C	%	-	0.04	KS D 1652 : 2022
Si	%	-	0.70	KS D 1652 : 2022
Mn	%	-	0.76	KS D 1652 : 2022
P	%	-	0.038	KS D 1652 : 2022
S	%	-	0.002	KS D 1652 : 2022
Ni	%	-	8.39	KS D 1652 : 2022
Cr	%	-	18.41	KS D 1652 : 2022
Mo	%	-	0.03	KS D 1652 : 2022

- 용 도 : 품질관리용

- 비 고 : 1. 이 성적서는 의뢰자가 제시한 시료 및 시료명으로 시험한 결과로써 전체 제품에 대한 품질을 보증하지 않으며, 성적서의 진위확인은 홈페이지(www.ktr.or.kr) 또는 QR code로 확인 가능합니다.
2. 이 성적서는 홍보, 선전, 광고 및 소송용 등으로 사용될 수 없으며, 용도 이외의 사용을 금합니다.
3. 이 성적서는 원본(재발행 포함)만 유효하며, 사본 및 전자 인쇄본/파일본은 결과치 참고용입니다.

Kim Hyun Jeong

작성자 : 김현정

Tel : 02-2092-3662

Kim Tae-bum

기술책임자 : 김태범

Tel : 1577-0091(ARS ①-④)

2023년 08월 25일

KTR 한국화학융합시험연구원장



위변조 확인용 QR code

Page : 1 of 1

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전자문서본(Electronic Copy)

화학성분검사표 / TEST REPORT



BEYOND ASIAN HUB, TOWARD GLOBAL WORLD

TEST REPORT

우 13810 경기도 과천시 교육원로 98(중앙동)

TEL (031)499-5390 FAX (031)499-6867

성적서번호 : TAK-2023-116330

접 수 일 자 : 2023년 08월 17일

대 표 자 : 김태경

시험완료일자 : 2023년 08월 25일

업 체 명 : (주)메가텍

주 소 : 경기도 안산시 단원구 만해로 205, B동 5층 505호(성곡동, 타원 TAKRA III)

시 료 명 : 금속시험 (STS316L)

시험결과

시험항목	단위	시료구분	결과치	시험방법
C	%	-	0.018	KS D 1652 : 2022
Si	%	-	0.76	KS D 1652 : 2022
Mn	%	-	0.66	KS D 1652 : 2022
P	%	-	0.039	KS D 1652 : 2022
S	%	-	0.003	KS D 1652 : 2022
Ni	%	-	10.01	KS D 1652 : 2022
Cr	%	-	17.53	KS D 1652 : 2022
Mo	%	-	2.03	KS D 1652 : 2022

- 용 도 : 품질관리용

- 비 고 : 1. 이 성적서는 의뢰자가 제시한 시료 및 시료명으로 시험한 결과로써 전체 제품에 대한 품질을 보증하지 않으며, 성적서의 진위확인은 홈페이지(www.ktr.or.kr) 또는 QR code로 확인 가능합니다.
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3. 이 성적서는 원본(재발행 포함)만 유효하며, 사본 및 전자 인쇄본/파일본은 결과치 참고용입니다.

Kim Hyun Jeong

작성자 : 김현정

Tel : 02-2092-3662

Kim Tae-bum

기술책임자 : 김태범

Tel : 1577-0091(ARS ①-④)

2023년 08월 25일

KTR 한국화학융합시험연구원장



위변조 확인용 QR code

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전자문서본(Electronic Copy)



MEGATEC

BALL VALVE

주식회사 메가텍

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