



MEGATEC BALL VALVE



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 Mare snc
04100 Latina
Italy
celab@celab.com

celab

CERTIFICATE

Certificate Number UCN : 801309264438
Job : J18180
Date of Issue : 2018-03-10
Certificate valid up to : 2020-03-09

Brand Name : KST
Type : Pneumatic actuator
Model N : D11-101, K1-E, AT, RT, BT5

Manufacturer : Kangate Valve Group Co., Ltd.
Address : No 583, Avenue 4, Road 3, Bofei 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 were 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 : 00275/2017/00002	✓ 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 Denaldi
General Manager - CELAB
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Doc 121 Voluntary Certificate rev 3.31

CE (볼밸브)

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Massimiliano Denaldi
General Manager - CELAB
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CE (구동기)

ICR

Certificate of Registration

This is to certify that:
MEGATEC CORP.
(Jiangsu-dong, Xianxi TIA-SR 3 Knowledge Industry Center) 8-505, 305, Xianxi-rs, Daxin-rs-gu, Xianxi-rs, Qiongzhi-shi, Xianxi

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 be affixed in the presence of:

[Signature]
President

ICR
International Certification Registrar Ltd.

IAF **ANAB**

ISO 9001

ICR

Certificate of Registration

This is to certify that:
MEGATEC CORP.
(Jiangsu-dong, Xianxi TIA-SR 3 Knowledge Industry Center) 8-505, 305, Xianxi-rs, Daxin-rs-gu, Xianxi-rs, Qiongzhi-shi, Xianxi

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. : E874118

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

[Signature]
President

ICR
International Certification Registrar Ltd.

IAF **ANAB**

ISO 14001

생산 현장 / FACTORY



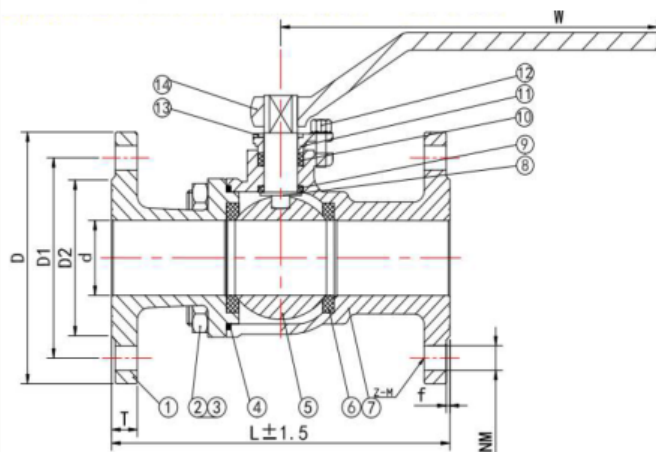
2PC JIS(KS) 10K BALL VALVE LEVER OPERATING



DESIGN STANDARD: ASME B16.34 GB/T12237
 PRODUCT STYLE: Q41F-10K
 WORKING PRESSURE: 10K
 TEMPERATURE RANGE: -20°C ~ 120°C
 MATERIAL: ASTM-A351-CF8M, ASTM-A351-CF8,
 TEST & INSPECTION: API 598 JB/T9092

MAIN PARTS MATERIALS:

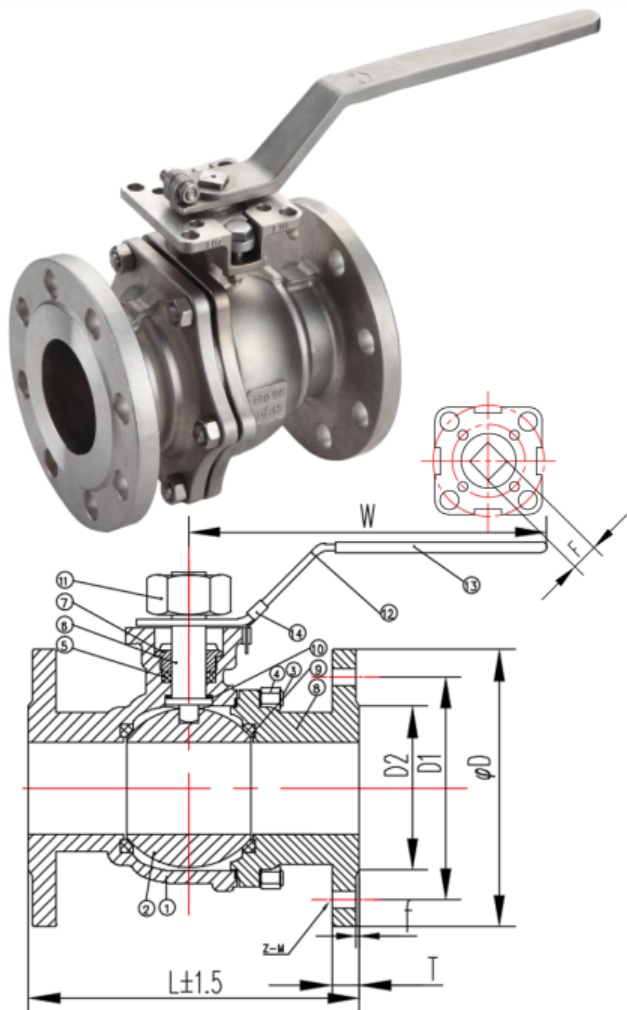
NO.	PART NAME	MATERIAL	QTY
1	CAP	CF8/CF8M/CF3M	1
2	BOLT	S201/S304	4(6)(8)
3	NUT	S201/S304	4(6)(8)
4	STEM SEAL	PTFE/RTFE	1
5	BALL	SS304/SS316/SS316L	1
6	SEAT	PTFE/RTFE/CABON	2
7	BODY	WCB/CF8/CF8M/CF3M	1
8	STEM	SS304/SS316/SS316L	1
9	THRUST WASHER	PTFE/RTFE	1
10	PACKING	PTFE/RTFE	1
11	GLAND	S201/S304	1
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	4-Ø19
100	100	210	175	157	18	2	229	285	4-Ø19
125	125	250	210	185	20	2	356	500	4-Ø23
150	150	280	240	215	22	2	394	630	4-Ø23
200	200	330	290	265	22	2	457	820	4-Ø23

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



DESIGN STANDARD: ASME B16.34 GB/T12237
 PRODUCT STYLE: Q41F-10K
 WORKING PRESSURE: 10K
 TEMPERATURE RANGE: -20°C ~ 120°C
 MATERIAL: ASTM-A351-CF8M, ASTM-A351-CF8,
 TEST & INSPECTION: API 598 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	4-Ø19	17
100	100	210	175	157	18	2	229	285	4-Ø19	17
125	125	250	210	185	20	2	356	500	4-Ø23	22
150	150	280	240	215	22	2	394	630	4-Ø23	22

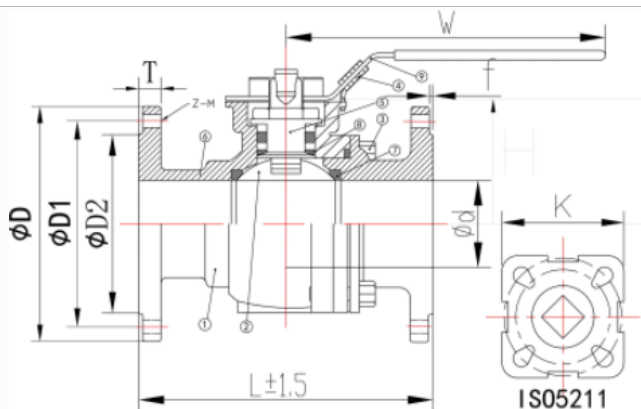
2PC DIN PN16/PN40 BALL VALVE DIRECT MOUNTING PAD



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

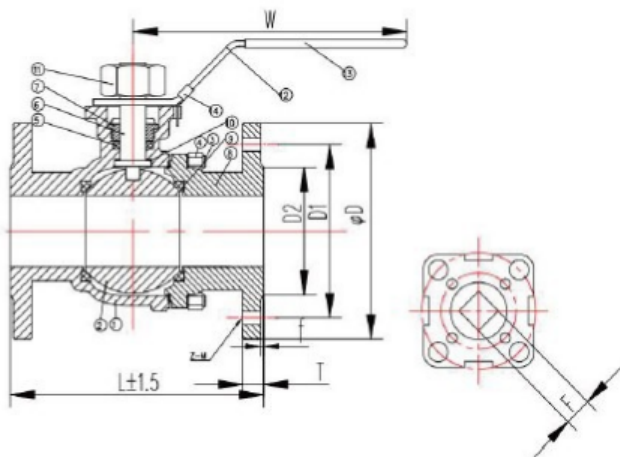
2PC ANSI 150# BALL VALVE DIRECT MOUNTING PAD



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	SETM	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

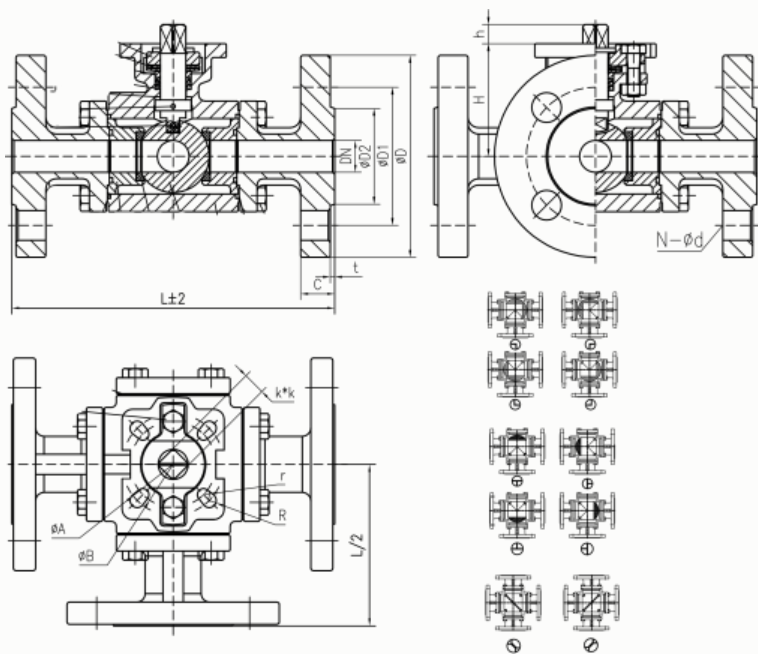
DN	d	D	D1	D2	T	f	L (±1.5)	F
1/2"	13	90	60	35	8	2	108	9
3/4"	20	100	70	43	9	2	117	9
1"	25	110	79	51	10	2	127	11
1 1/4"	31	115	89	64	11	2	140	11
1 1/2"	38	125	98	73	13	2	165	14
2"	50	150	121	92	14	2	178	14
2 1/2"	64	180	140	105	16	2	190	17
3"	76	190	152	127	18	2	203	17
4"	100	230	191	157	22	2	229	17
5"	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

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



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	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	SETM	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

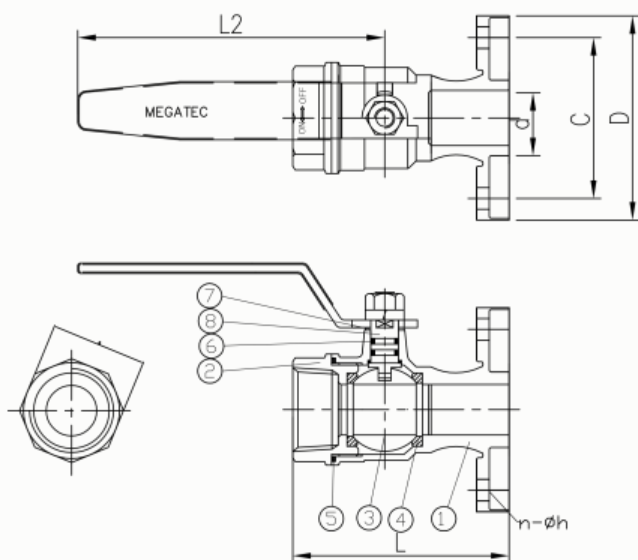
2PC DIN & SCREW BALL VALVE LEVER OPERATING



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, 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

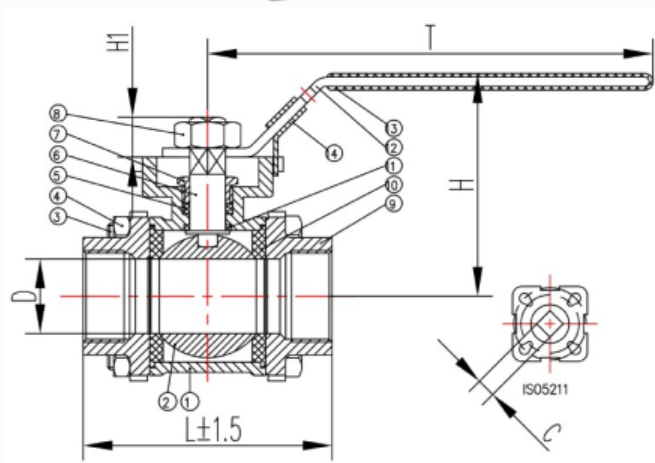
3PC BALL VALVE SCREW DIRECT MOUNTING PAD



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	SETM	SS304/SS316	1
7	GLAND	SS304/SS316	1
8	CAP	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	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

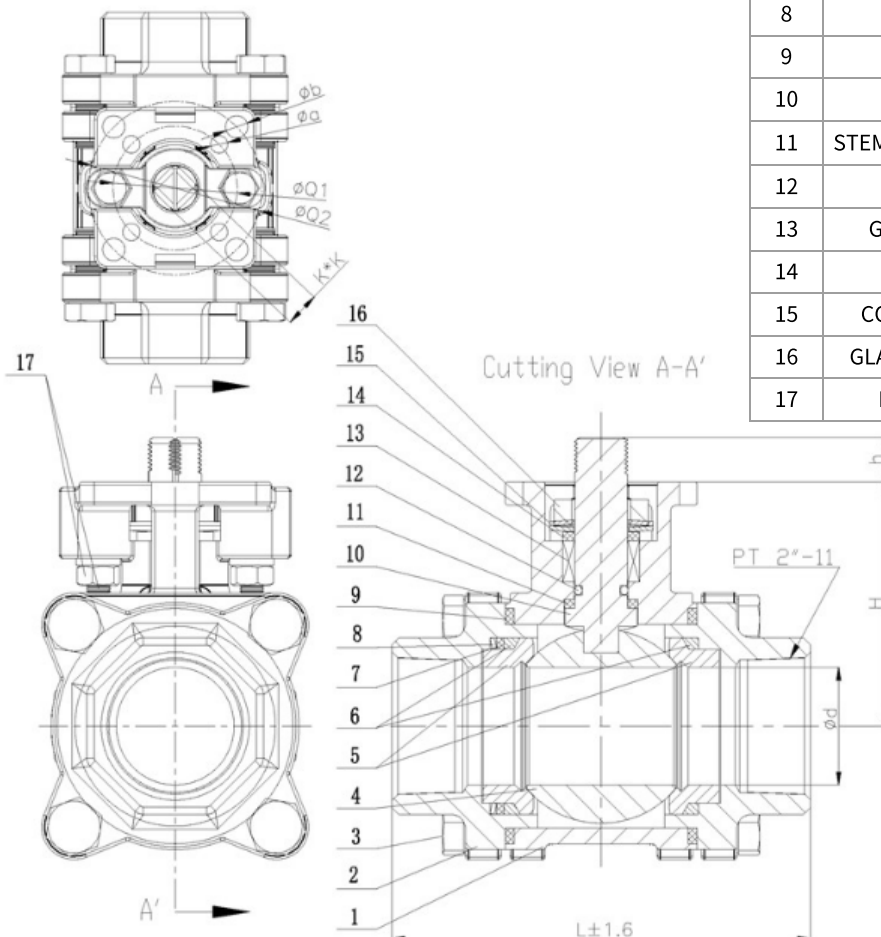
TEST STANDARD : FCI 70-2

PRESSURE TEMPERATURE RATING : ASME B 16.34

순간 최대온도 : 600CEL

MAIN PARTS MATERIALS

NO.	PART NAME	MATERIAL	QTY
1	BODY	SCS13	1
2	CAP	SCS13	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)

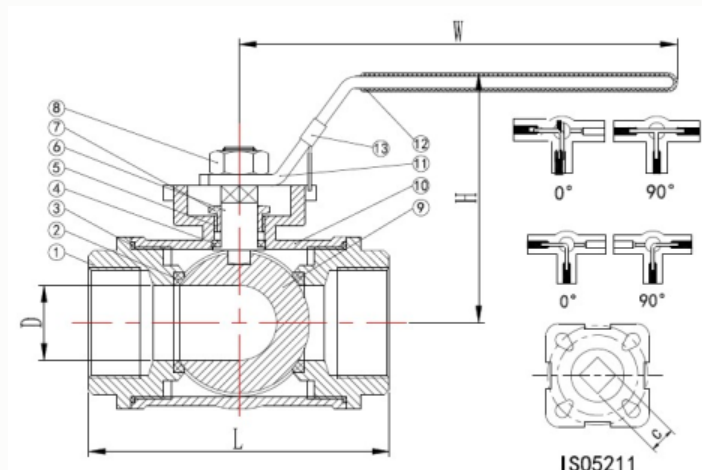
3WAY BALL VALVE SCREW DIRECT MOUNTING PAD



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	SETM	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	D	D1	D2	T	f	L (±1.5)	F
1/2"	13	90	60	35	8	2	70	9
3/4"	20	100	70	43	9	2	78	9
1"	25	110	79	51	10	2	88	11
1 1/4"	31	115	89	64	11	2	110	11
1 1/2"	38	125	98	73	13	2	132	14
2"	50	150	121	92	14	2	146	14

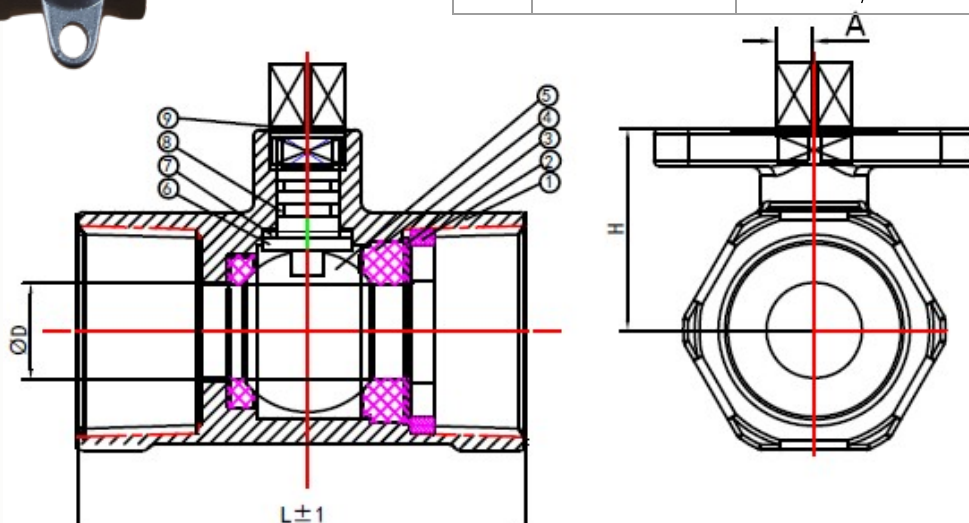
1PC BALL VALVE SCREW DIRECT MOUNTING 2HOLE



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

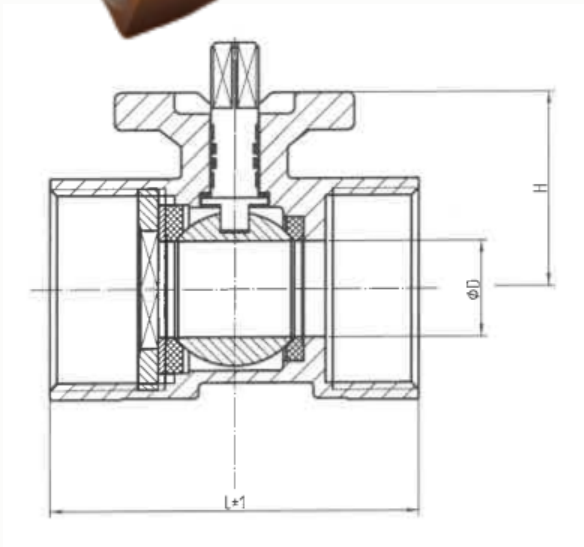
MAIN PARTS MATERIALS

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	SETM	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

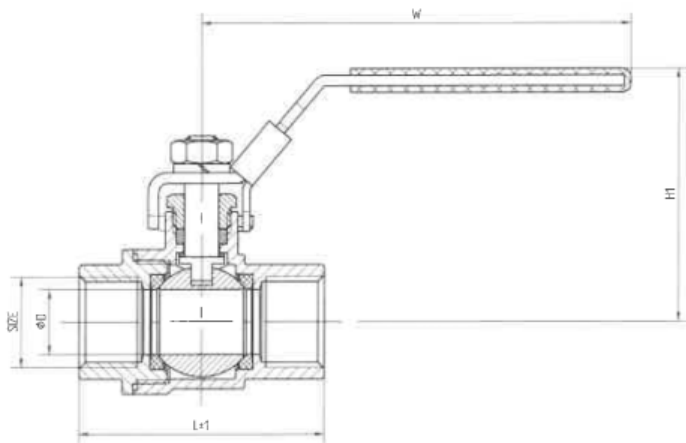
2PC BALL VALVE SCREW LEVER OPERATING



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	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	SETM	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"	10	53	55	71	9
3/8"	12	53	55	93	9
1/2"	15	61	55	95	9
3/4"	20	72	59	95	9
1"	25	85	66	113	9
1 1/4"	32	98	71	113	9
1 1/2"	38	105	82	141	11
2"	50	122	90	141	11

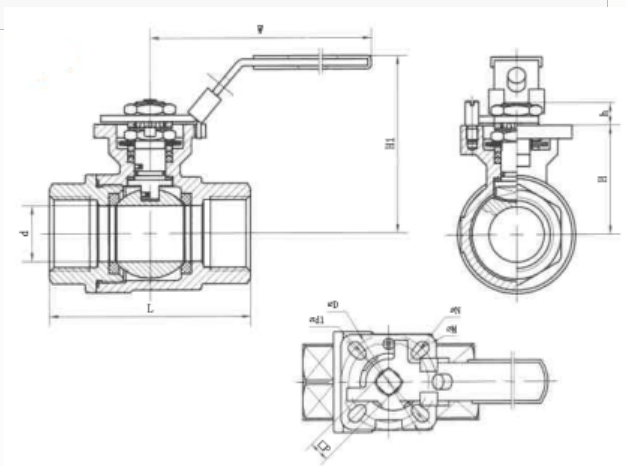
2PC BALL VALVE SCREW DIRECT MOUNTING



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

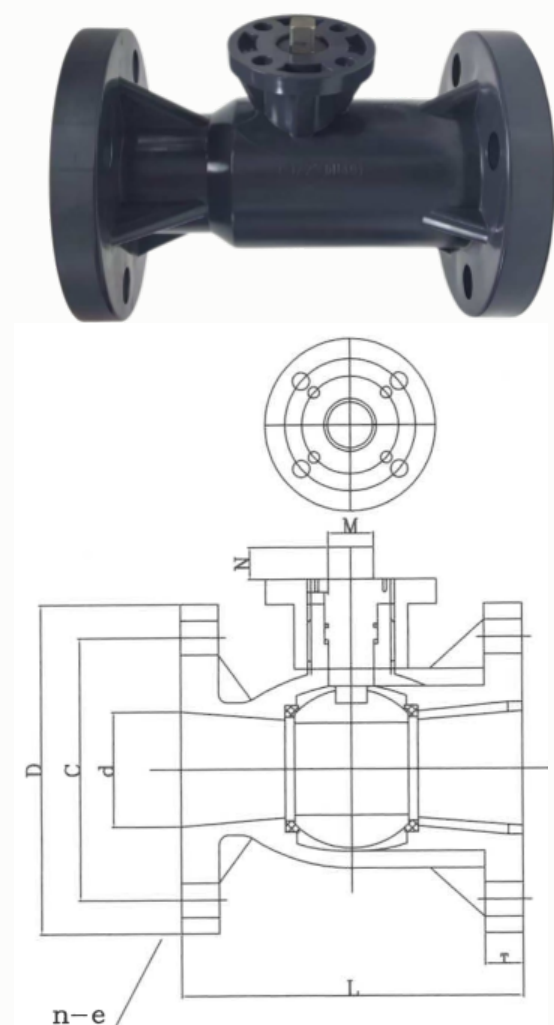
MAIN PARTS MATERIALS

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	SETM	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"	10	61	66	71	9
3/8"	12	61	66	93	9
1/2"	15	61	66	95	9
3/4"	20	70.5	74	95	9
1"	25	80	88	113	11
1 1/4"	32	98	92	113	11
1 1/2"	38	105	106	141	11
2"	50	121	116	141	11

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	
9	BRACKET	UPVC/CPVC/PVDF	

DIMENSION											
DN	D	C	d	L (± 1.5)	T	n-e	PCD	M	N	WORKING PRESSURE (Kg/Cm)	TEST PRESSURE (Kg/Cm)
15A	95	70	7.5	100	14	4-15	70	11	11	7.5	10
20A	105	75	20	120	14	4-15	70	11	11	7.5	10
25A	115	90	25	140	15	4-19	70	11	11	7.5	10
32A	135	100	29	160	16	4-19	70	11	11	7.5	10
40A	145	105	40	165	18	4-19	70	14	17	7.5	10
50A	160	120	50	180	18	4-19	70	14	17	7.5	10
65A	180	140	65	220	19	4-19	70/102	14	21	7.5	10
80A	195	150	80	250	20	8-19	70/102	14	21	7.5	10
100A	210	175	100	280	23	8-19	70/102	17	24	7.5	10

특허증 / CERTIFICATE OF PATENT

특허증

CERTIFICATE OF PATENT

특 허

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.



특허청

Korean Intellectual
Property Office

2022년 10월 24일

특허청장

COMMISSIONER,
KOREAN INTELLECTUAL PROPERTY OFFICE

이 인 신



QR코드로 현재기준
등록사항을 확인하세요



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 : 금속시험 (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 진위확인용 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 진위확인용 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

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전자문서본(Electronic Copy)



MEGATEC BALL VALVE

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