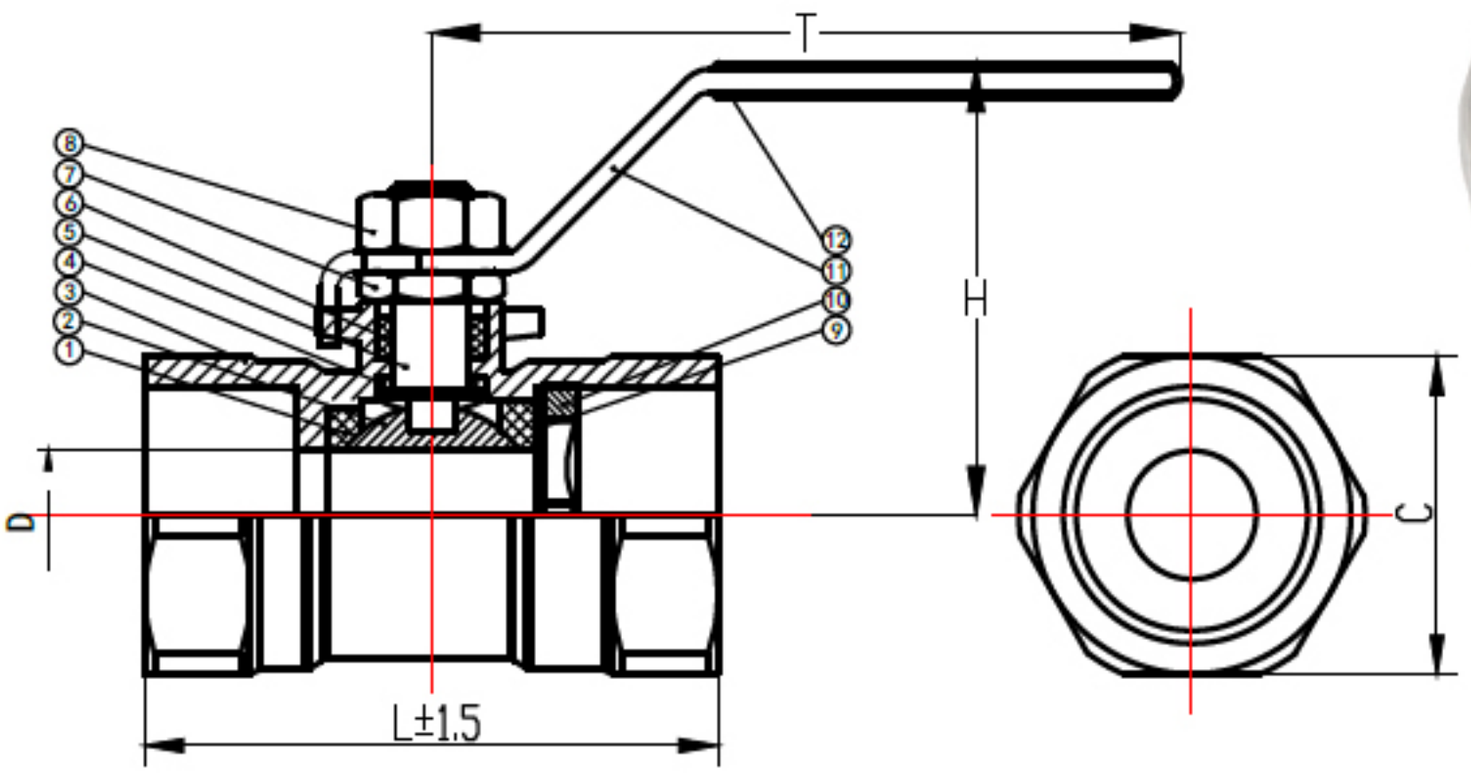
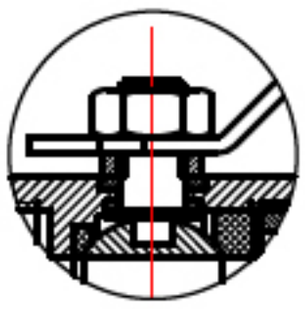
POFCO

1 PC BODY BALL VALVE

DESIGN STANDARD:ASMEB16.34 GB/T12237
THREADED ENDS:PT、BSPT、BSP、NPT、DIN2999、DIN259、DIN EN ISO228
PRODUCT STYLE: Q11F-1000WOG(P/R)
WORKING PRESSURE:1000PSI
TEMPERATURE RANGE:-20℃～180℃
MATERIAL:ASTM-A351-CF8M、ASTM-A351-CF8
TEST&INSPECTION:API598 JB/T9092



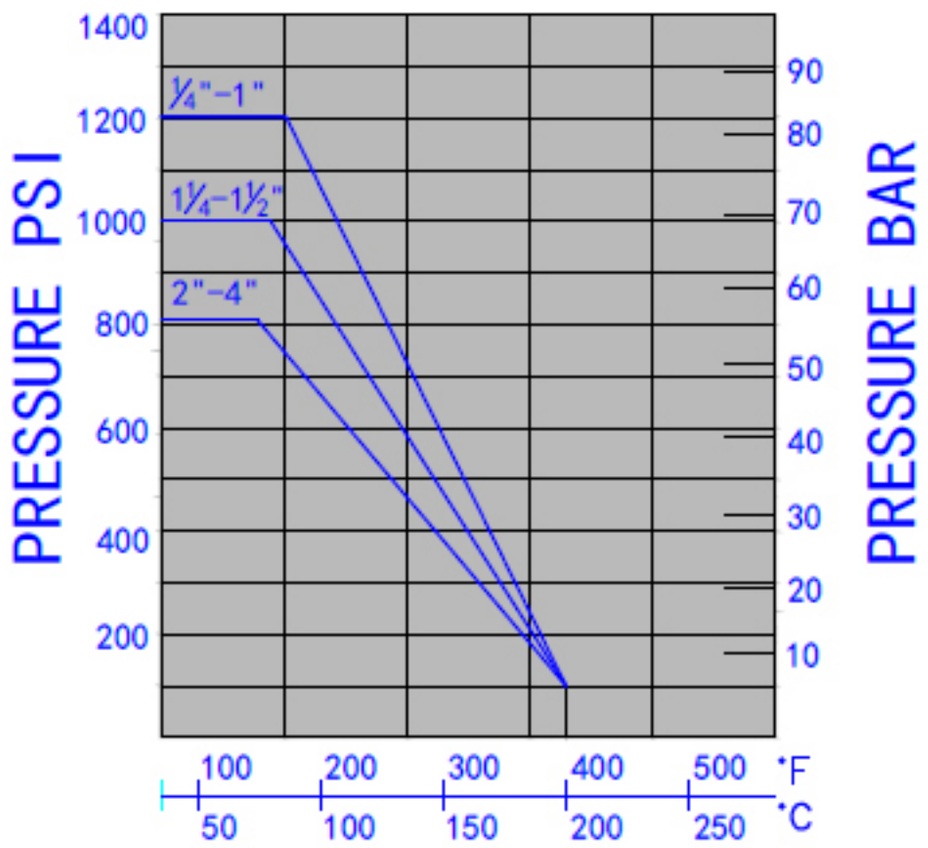


1/4"-3/8"

MAIN PARTS MATERIALS

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

PRESSURE-TEMPERATURE RATING



MAIN SIZE

SIZE	1/4"	3/8"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
DN	8	10	20	25	32	40	50	65	80	100
D	5	7	12	15	20	25	32	40	50	65
L±1.5	41	44	57	67	76	82	94	110	133	183
H	30	30	49	58	67	72	86	92	127	149
T	80	80	104	118	123	142	158	169	206	233
C	15	19	31	37	46	53.5	65	81	96	120

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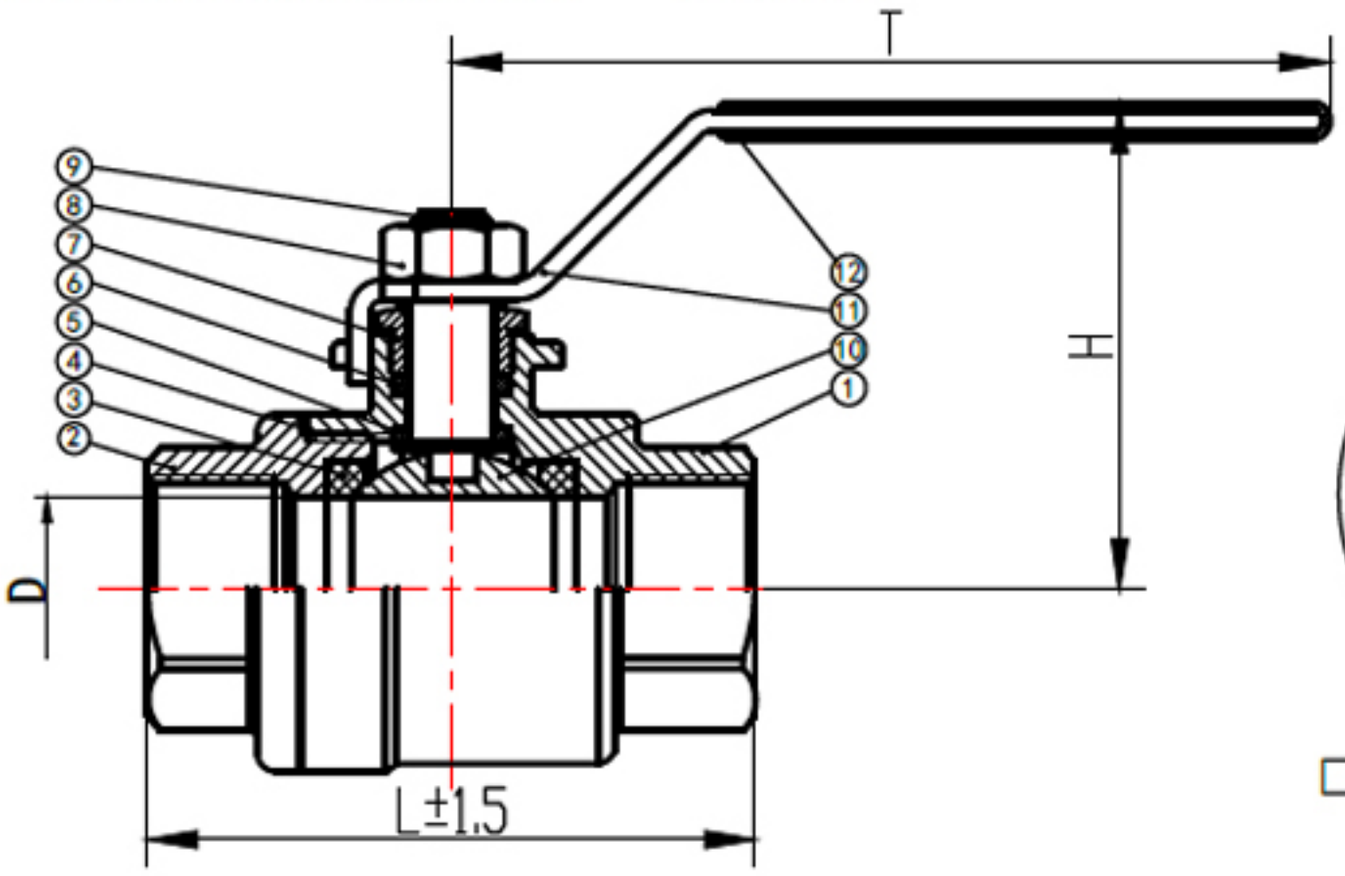
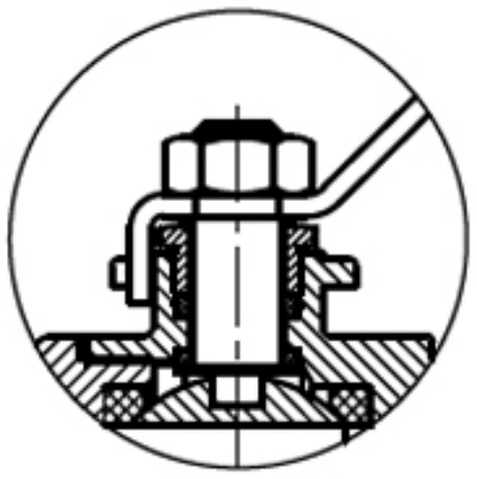
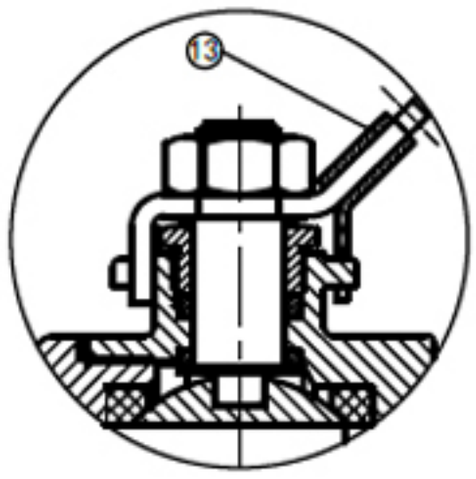
2 PCS BODY BALL VALVE

DESIGN STANDARD:ASMEB16.34 GB/T12237
THREADED ENDS:PT、BSPT、BSP、NPT、DIN2999、DIN259、DIN EN ISO228
PRODUCT STYLE: Q11F-1000WOG(P/R)
WORKING PRESSURE:1000PSI
TEMPERATURE RANGE:-20℃～180℃
MATERIAL:ASTM-A351-CF8M、ASTM-A351-CF8
TEST&INSPECTION:API598 JB/T9092





☐ Without lock device

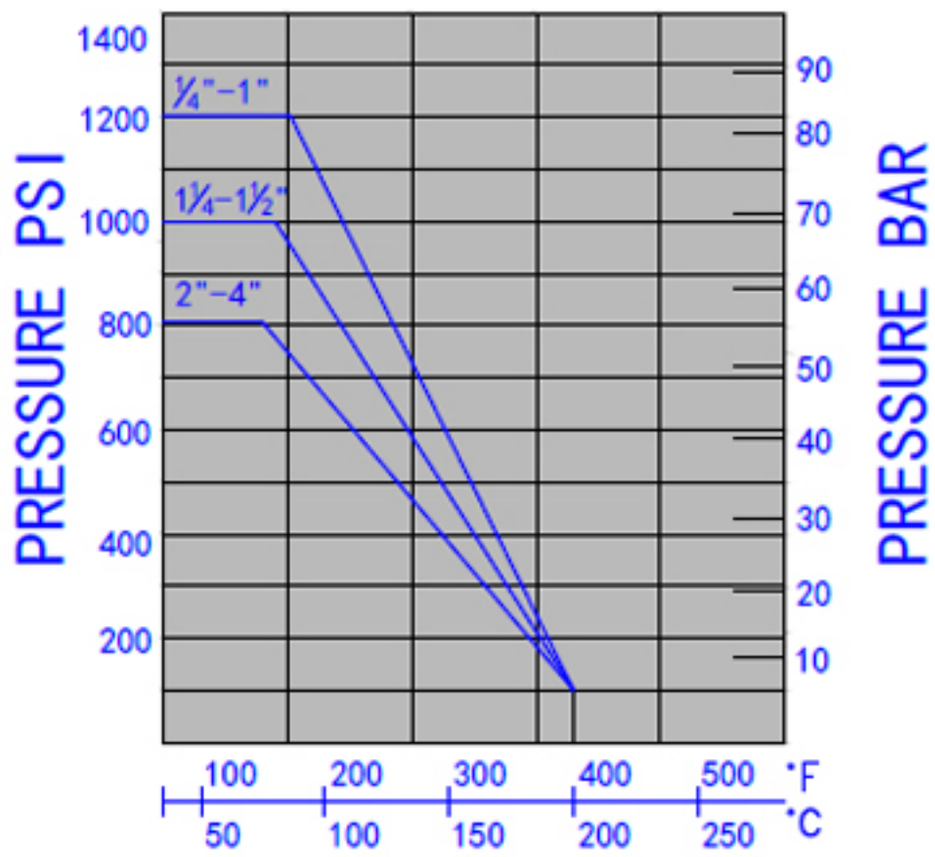


☐ With lock device

MAIN PARTS MATERIALS:

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

PRESSURE-TEMPERATURE RATING



MAIN SIZE:

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1¼"	1½"	2"	2½"	3"	4"
DN	8	10	15	20	25	32	40	50	65	80	100
D	10.5	10.5	15	20	25	32	38	50	65	80	100
L±1.5	52	52	55	64	71	82	93	109	144	168	205
H	42	42	49	58	67	72	86	92	127	149	162
T	89	89	107	120	126	143	160	171	205	235	296
KG	0.195	0.190	0.235	0.370	0.560	0.850	1.140	1.595	3.590	5.225	8.745

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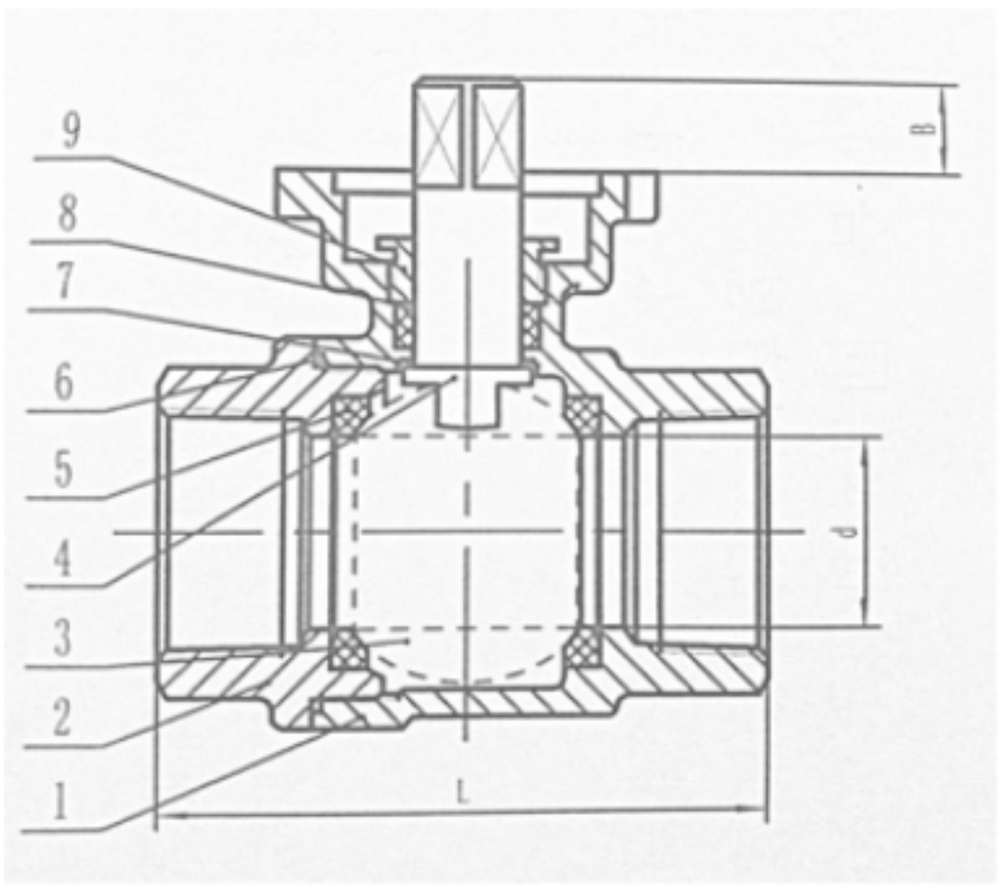
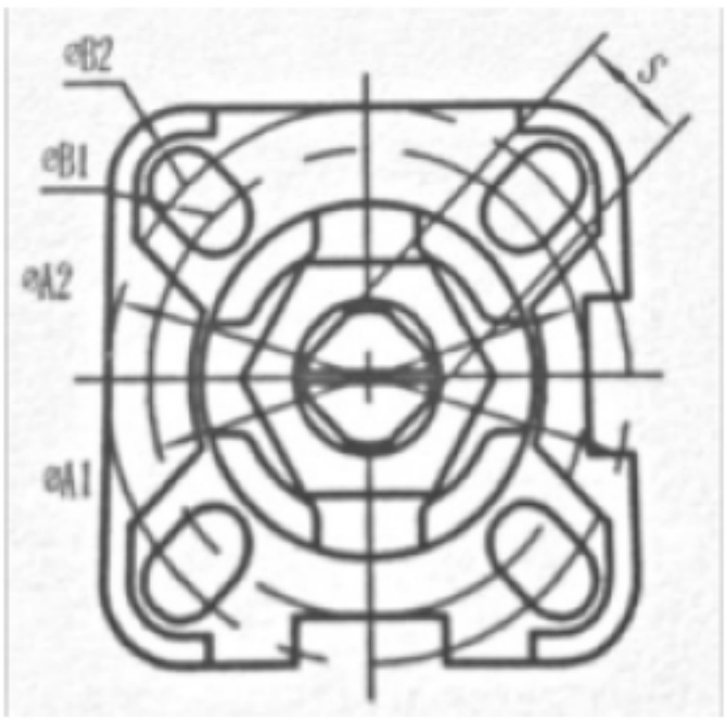
2 PCS BODY BALL VALVE WITH TOP MOUNTING PAD

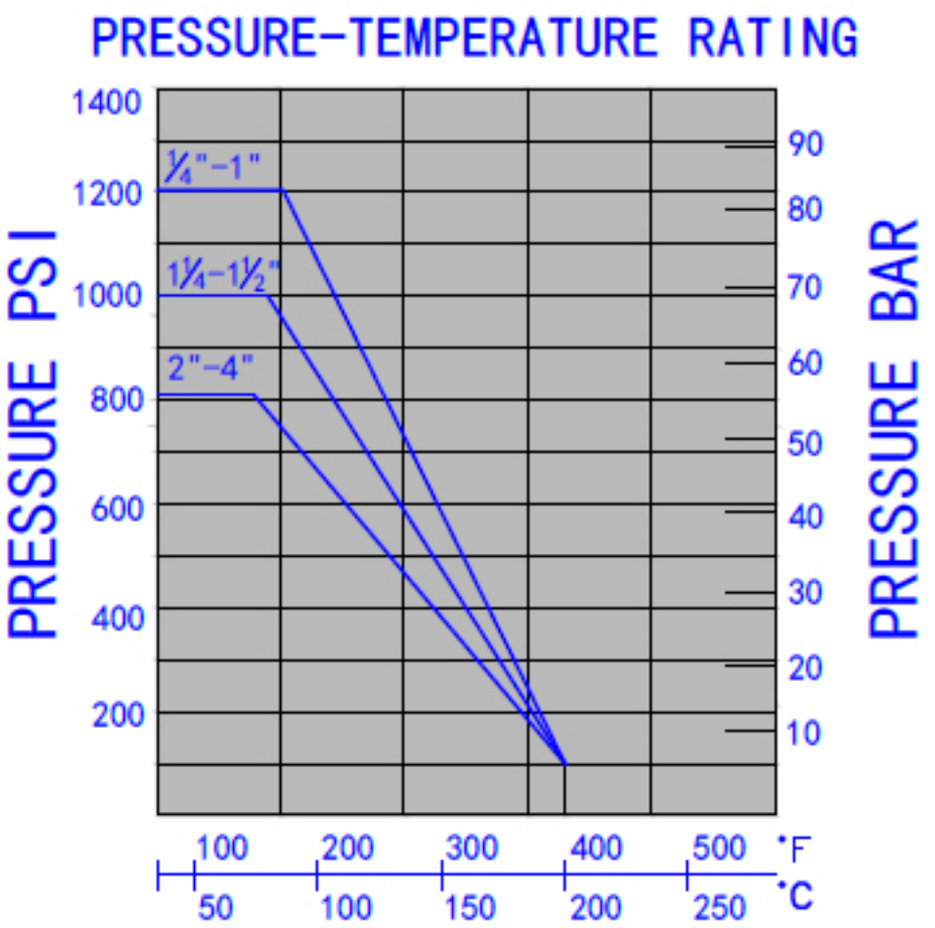
DESIGN STANDARD:ASMEB16.34 GB/T12237
THREADED ENDS:PT、BSPT、BSP、NPT、DIN2999、DIN259、DIN EN ISO228
PRODUCT STYLE: Q11F-1000WOG (C/P/R)
WORKING PRESSURE:1000PSI
TEMPERATURE RANGE:-20℃～180℃
MATERIAL:ASTM-A351-CF8M、ASTM-A351-CF8、ASTM-A216-WCB
TEST&INSPECTION:API598 JB/T9092





MAIN PARTS MATERIALS:

NO.	PART NAME	MATERIAL	QTY
1	BODY	CF8/CF8M/WCB	1
2	CAP	CF8/CF8M/WCB	2
3	BALL	CF8/CF8M	1
4	STEM	SS304/SS316	1
5	SEAT	PTFE/RPTFE	2
6	JOINT GASKET	PTFE/RPTFE	1
7	THRUST WASHER	PTFE/RPTFE	1
8	PACKING	PTFE/RPTFE	1
9	GLAND	SS304	1



MAIN SIZE:

SIZE	d	L	S	B	A1/A2	B1/B2
1"	25	80	11	12	50/70	7/9
1 1/2"	38	106	11	14	50/70	7/9
2"	50	120	11	14	50/70	7/9
1"	25	80	11	12	50/70	7/9
1 1/2"	38	106	14	14	50/70	7/9
2"	50	120	14	14	50/70	7/9

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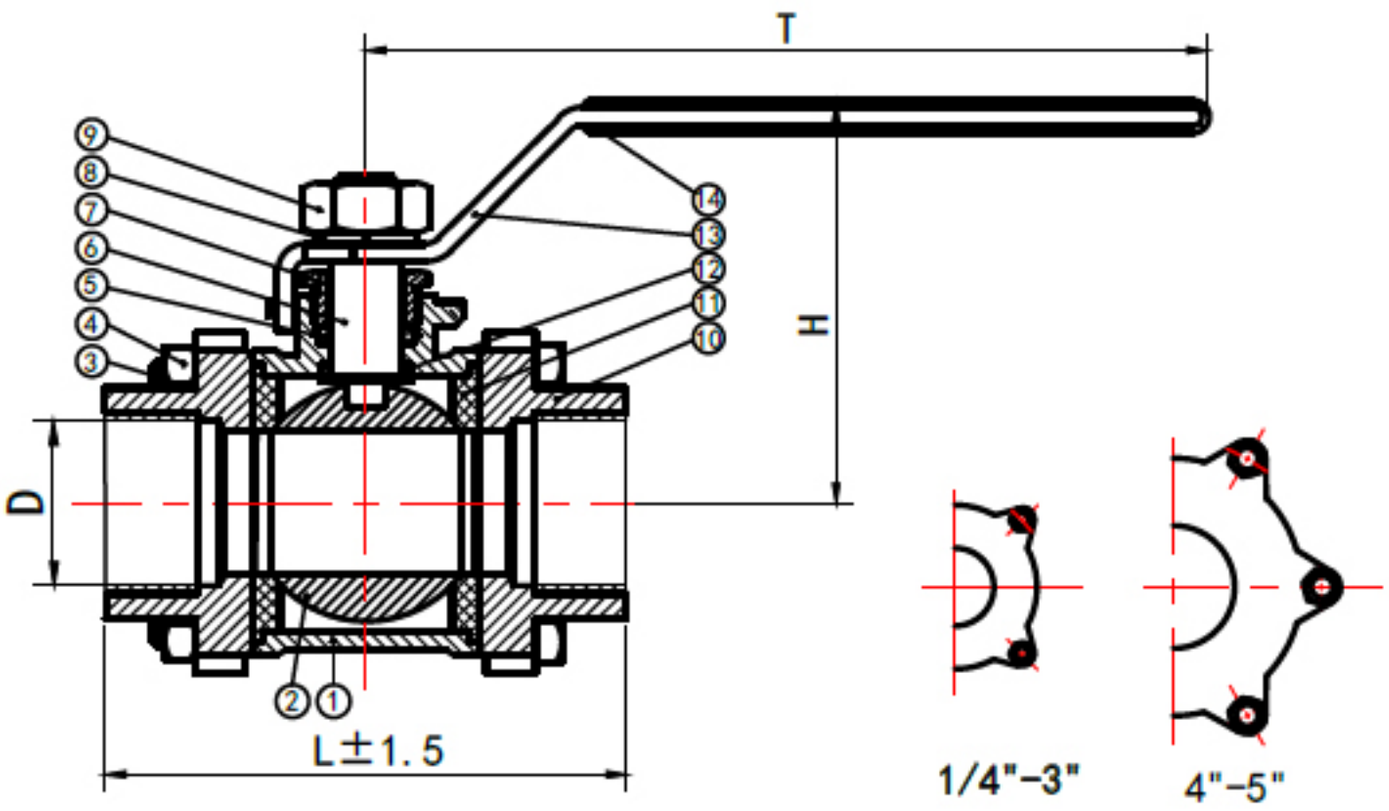
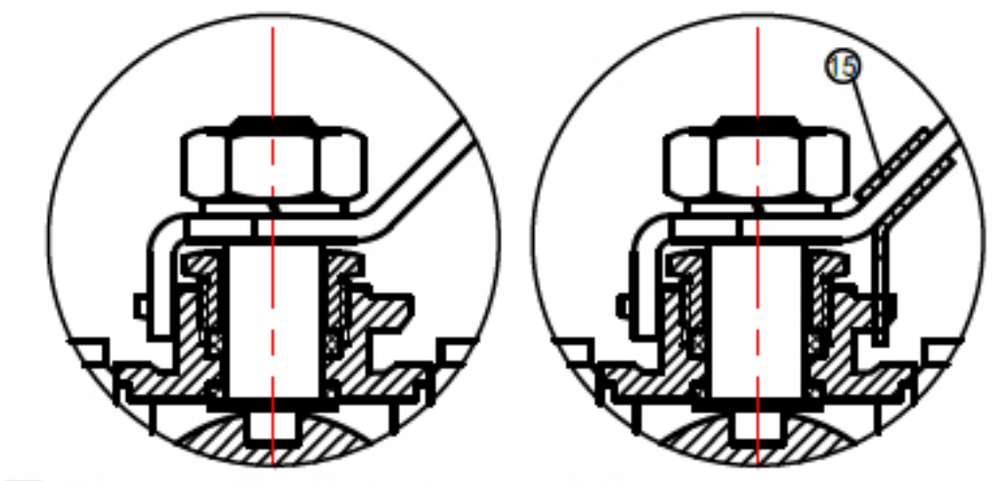
3 PCS BODY BALL VALVE

DESIGN STANDARD:ASMEB16.34 GB/T12237
THREADED ENDS:PT、BSPT、BSP、NPT、DIN2999、DIN259、DIN EN ISO228
PRODUCT STYLE: Q11F-1000WOG(C/P/R)
WORKING PRESSURE:1000PSI
TEMPERATURE RANGE:-20℃～180℃
MATERIAL:ASTM-A351-CF8M、ASTM-A351-CF8、ASTM-A351-WCB
TEST&INSPECTION:API598 JB/T9092

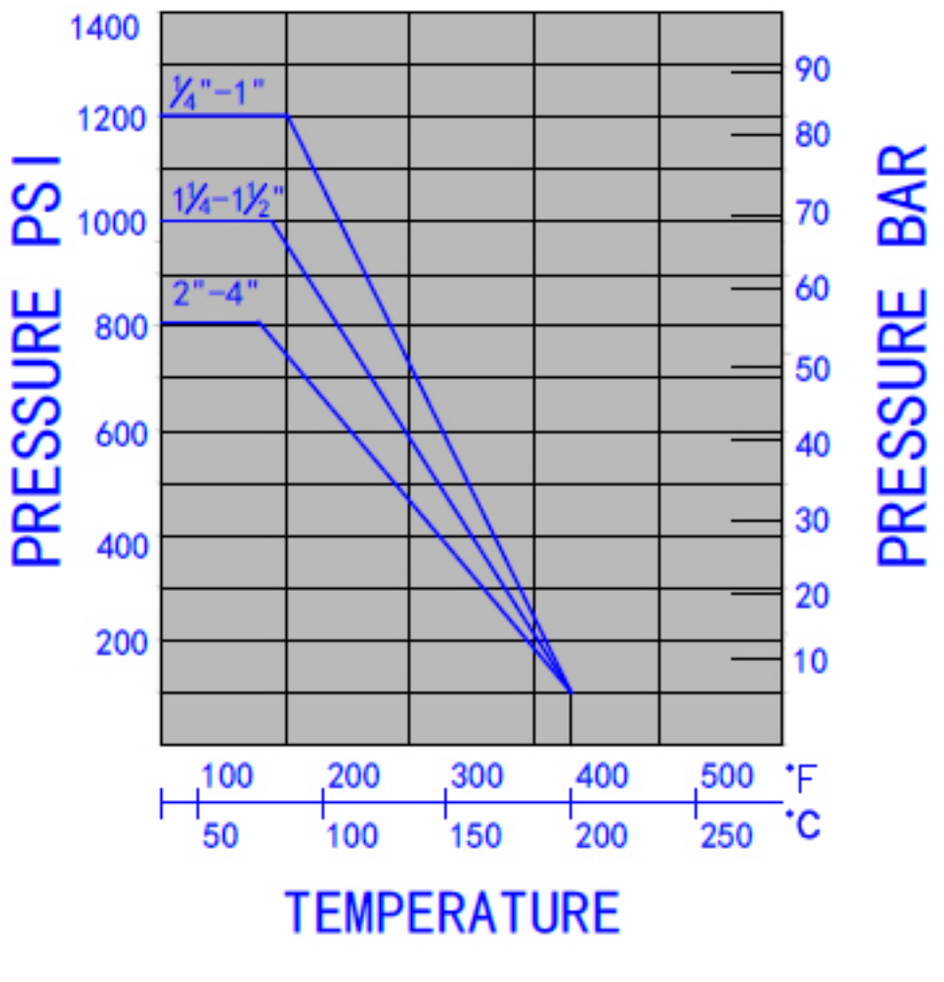




MAIN PARTS MATERIALS:

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

PRESSURE-TEMPERATURE RATING



MAIN SIZE:

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
DN	8	10	15	20	25	32	40	50	65	80	100
D	8	10	15	20	25	32	40	50	65	80	100
L±1.5	66	66	63	70	82	99	109	126	185	205	235
H	51	51	56	64	69	80	89	101	121	141	169
T	89	89	107	120	126	143	160	171	205	235	296
KG	0.36	0.333	0.42	0.615	0.835	1.255	1.725	2.43	4.915	7.49	13.515

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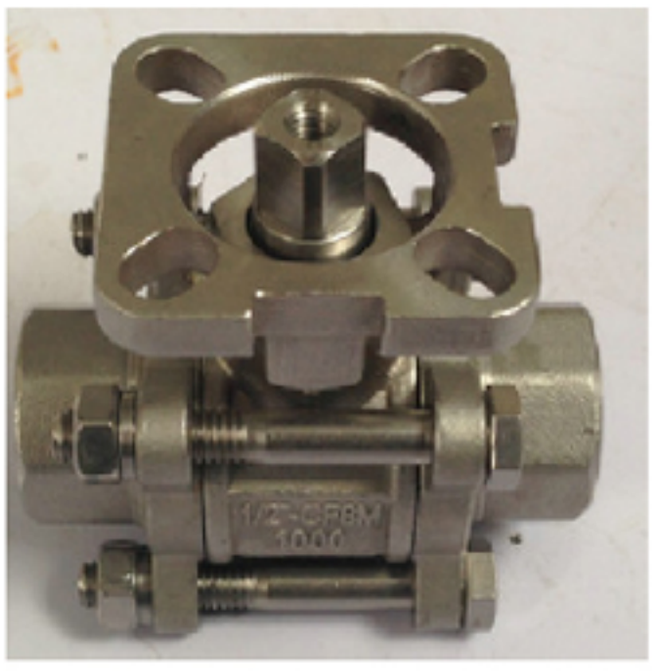
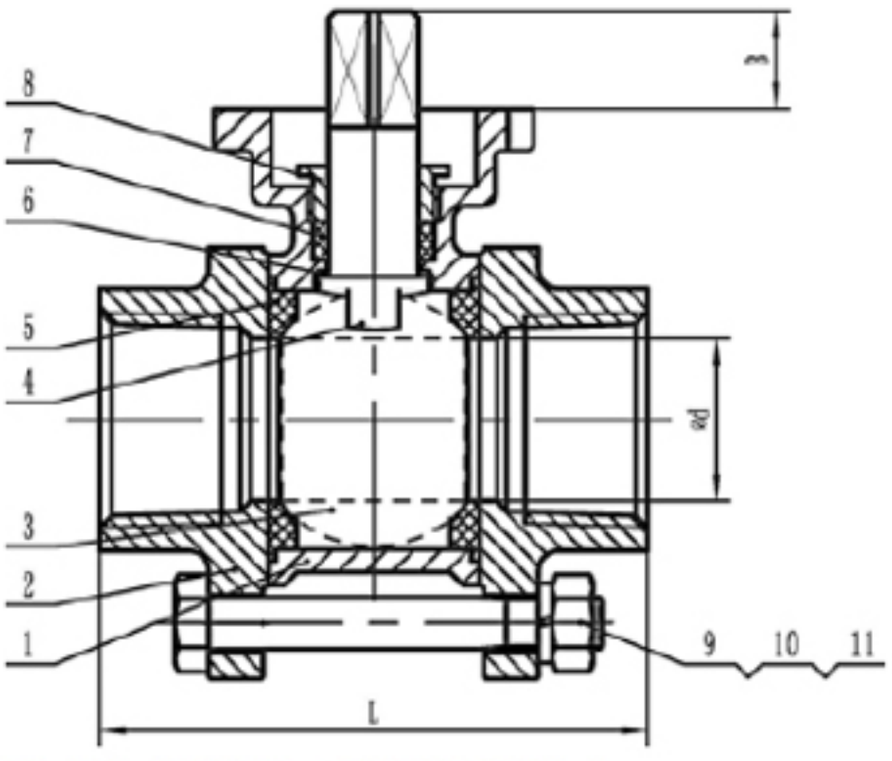
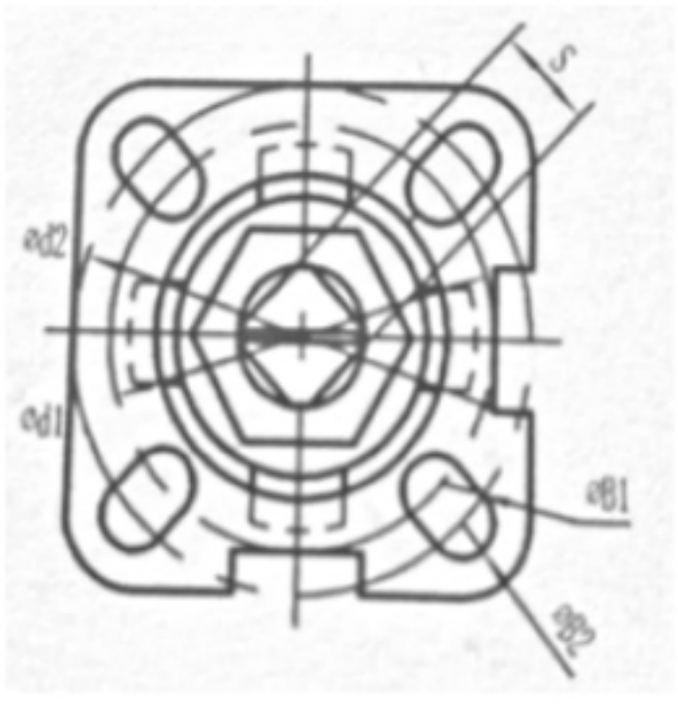
3 PCS BODY BALL VALVE WITH ISO5211 MOUNTING PAD

DESIGN STANDARD:ASMEB16.34 GB/T12237
THREADED ENDS:PT、BSPT、BSP、NPT、DIN2999、DIN259、DIN EN ISO228
PRODUCT STYLE: Q11F-1000WOG(P/R)
WORKING PRESSURE:1000PSI
TEMPERATURE RANGE:-20℃～180℃
MATERIAL:ASTM-A351-CF8M、ASTM-A351-CF8、ASTM-A351-WCB
TEST&INSPECTION:API598 JB/T9092

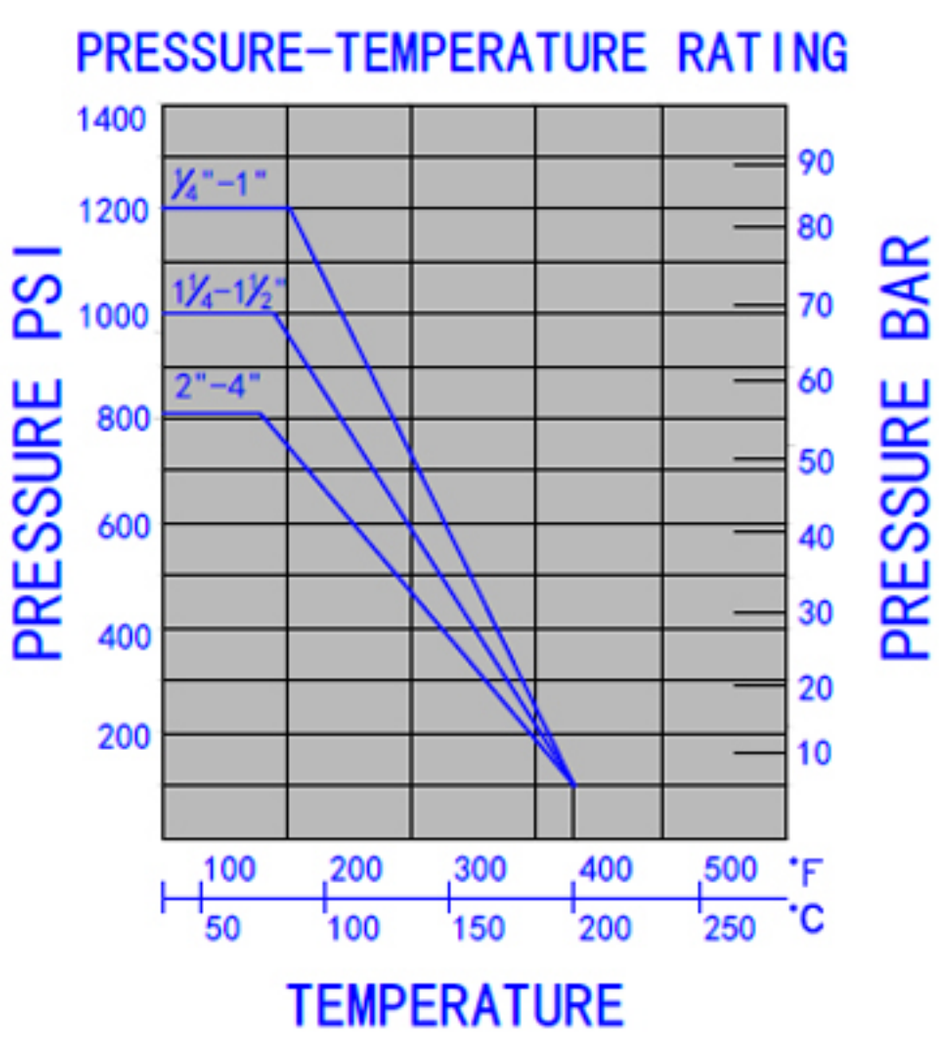






MAIN PARTS MATERIALS

NO.	PART NAME	MATERIAL	QTY
1	BODY	CF8/CF8M	1
2	CAP	CF8/CF8M	2
3	BALL	CF8/CF8M	1
4	STEM	SS304/SS316	1
5	SEAT	PTFE/RPTFE	2
6	THRUST WASHER	PTFE/RPTFE	1
7	PACKING	PTFE/RPTFE	1
8	GLAND	SS304	1
9	NUT	SS304	4～12
10	BOLT	SS304	4～6
11	WASHER	SS304	1



MAIN SIZE:

SIZE	d	L	S	B	A1/A2	B1/B2
1/2"	15	72	9	9	36/50	6/7
1"	25	88	11	12	50/70	7/9
1"	25	88	11	12	50/70	7/9
1 1/4"	32	100	11	12	50/70	7/9
1 1/2"	38	110	11	14	50/70	7/9
1 1/2"	38	110	14	14	50/70	7/9
2"	50	132	11	14	50/70	7/9
2"	50	132	14	14	50/70	7/9
3"	80	188	17	18	70/102	9/11