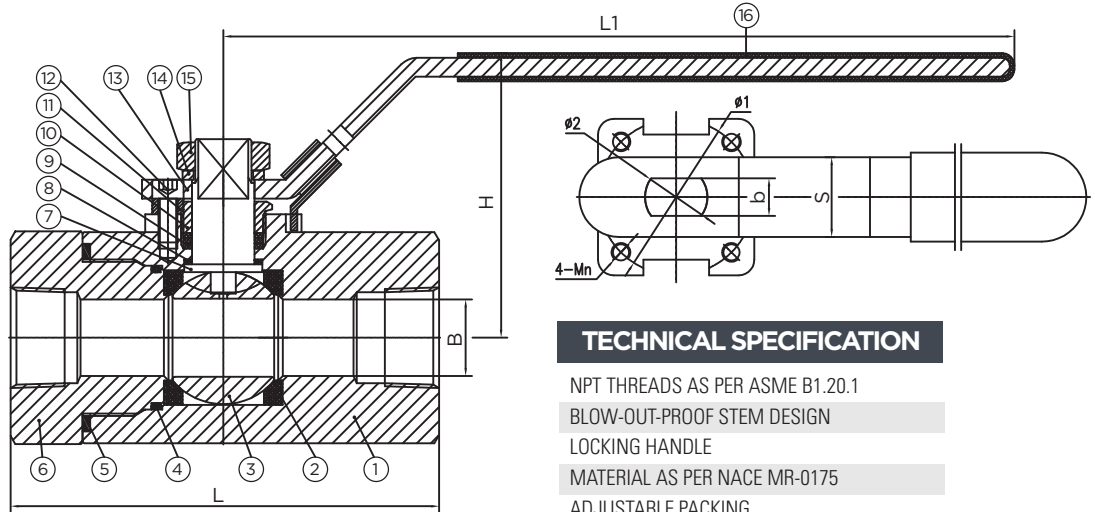


3000 PSI CARBON STEEL 2 PC FP BALL VALVE



FEATURES

SIZE: 1/4" - 2"
PORT: FULL
PRESSURE: 3000 WOG
TEMPERATURE: -22 TO 200 F°
CONNECTION: FEMALE NPT



TECHNICAL SPECIFICATION

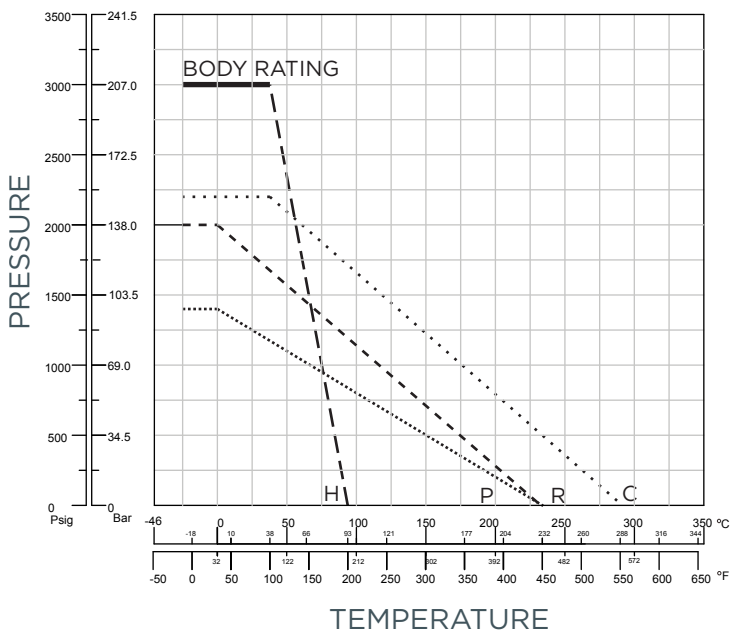
NPT THREADS AS PER ASME B1.20.1
 BLOW-OUT-PROOF STEM DESIGN
 LOCKING HANDLE
 MATERIAL AS PER NACE MR-0175
 ADJUSTABLE PACKING
 ACTUATOR MOUNTING PAD
 FIRE TEST & CERTIFIED TO API 607 5TH EDITION
 SUITABLE FOR WATER, OIL & GAS

DIMENSIONS & WEIGHT

MODEL	SIZE	B	L	H	L1	Ø1	Mn	Ø2	A	S	WEIGHT (KG)
3020CF-02	1/4"	0.39	3.86	2.36	5.79	1.42	M5	0.39	0.24	0.69	0.95
3020CF-03	3/8"	0.39	3.86	2.36	5.79	1.42	M5	0.39	0.24	0.69	0.95
3020CF-04	1/2"	0.51	3.86	2.36	5.79	1.42	M5	0.39	0.24	0.69	0.88
3020CF-05	3/4"	0.75	4.25	2.80	7.56	1.65	M5	0.47	0.28	0.85	1.52
3020CF-06	1"	0.96	5.39	3.46	7.28	1.65	M5	0.63	0.39	0.85	2.50
3020CF-07	1 1/4"	1.26	5.39	3.70	8.98	1.97	M6	0.63	0.39	1.02	3.30
3020CF-08	1 1/2"	1.50	6.30	4.53	10.55	2.76	M8	0.79	0.47	1.48	5.50
3020CF-09	2"	1.89	6.30	5.43	1.46	2.76	M8	0.94	0.59	1.48	7.60

MATERIAL LIST

1	BODY	ASTM A216 Gr. WCB
2	SEAT	DELIN
3	BALL	SS316
4	O-RING	VITON
5	BODY SEAL	GRAPHITE
6	CAP	ASTM A216 Gr. WCB
7	STEM	SS316
8	THRUST WASHER	15% GLASS FILLED PTFE (RPTFE)
9	STEM PACKING	CARBON FILLED PTFE (CPTFE)
10	GLAND BUSHING	A2-70
11	PIN COVER	SS304
12	PIN NUT	ASTM A193 Gr. B7
13	HANDLE	SS201
14	HANDLE WASHER	65Mn
15	HANDLE NUT	A2-70
16	HANDLE COVER	PVC



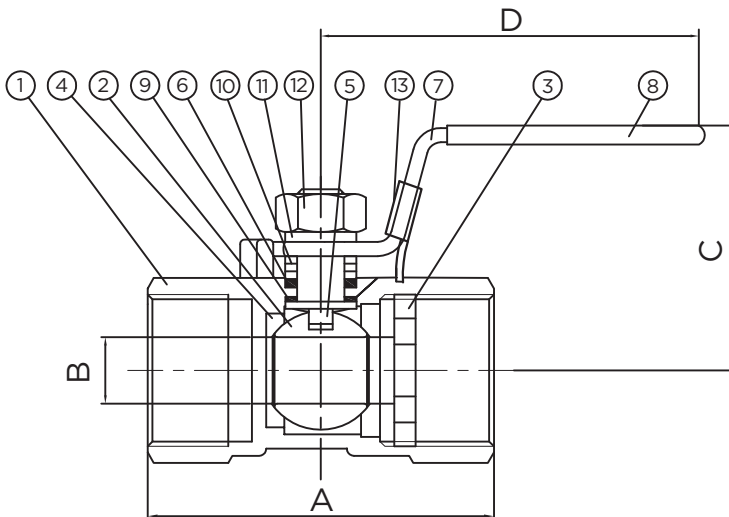
TEST SPECIFICATION

TEST ACCORDANCE TO PER API 598
 SHELL TEST: 4500 PSI
 SEAT TEST: 3300 PSI
 AIR TEST: 87 PSI

*DIMENSIONS ARE EXPRESSED IN INCHES

FIG. 1010SR

1000 PSI STAINLESS STEEL 1 PC RP BALL VALVE



FEATURES

SIZE:	1/4" - 2"
PORT:	REDUCED
PRESSURE:	1000 WOG
TEMPERATURE:	-50 TO 450°F
CONNECTION:	FEMALE NPT

TECHNICAL SPECIFICATION

NPT THREADS AS PER ASME B1.20.1
 BLOW-OUT-PROOF STEM DESIGN
 LOCKING HANDLE
 IN COMPLIANCE WITH NACE MR-0175
 SUITABLE FOR WATER, OIL & GAS

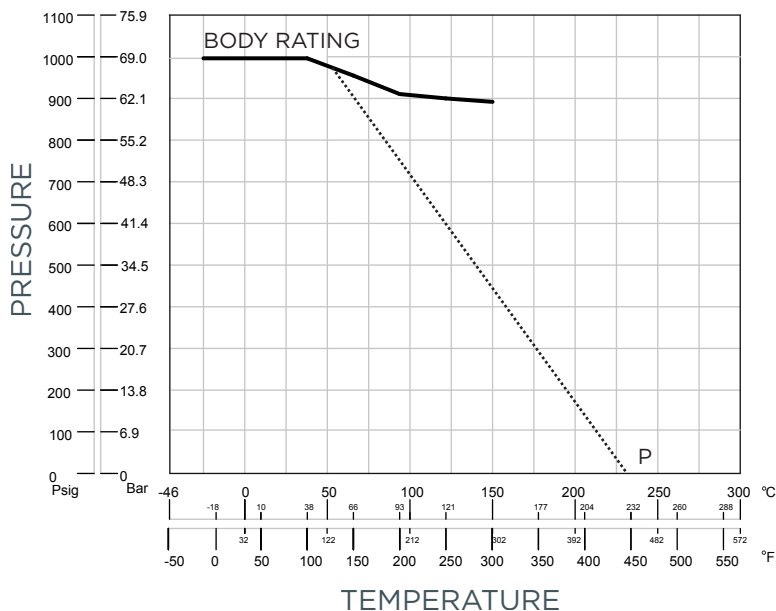
MATERIAL LIST

1	BODY	SS316
2	BALL	SS316
3	CAP	SS316
4	SEAT	VIRGIN PTFE
5	STEM	SS316
6	STEM PACKING	VIRGIN PTFE
7	HANDLE	SS201
8	HANDLE COVER	PVC
9	THRUST WASHER	VIRGIN PTFE
10	GLAND BUSHING	SS304
11	HANDLE WASHER	SS304
12	NUT	A2-70
13	LOCKING PAD	SS201

TEST SPECIFICATION

TEST ACCORDANCE TO PER API 598
 SHELL TEST: 1500 PSI
 SEAT TEST: 1100 PSI
 AIR TEST: 87 PSI

— BODY RATING
 P: VIRGIN PTFE



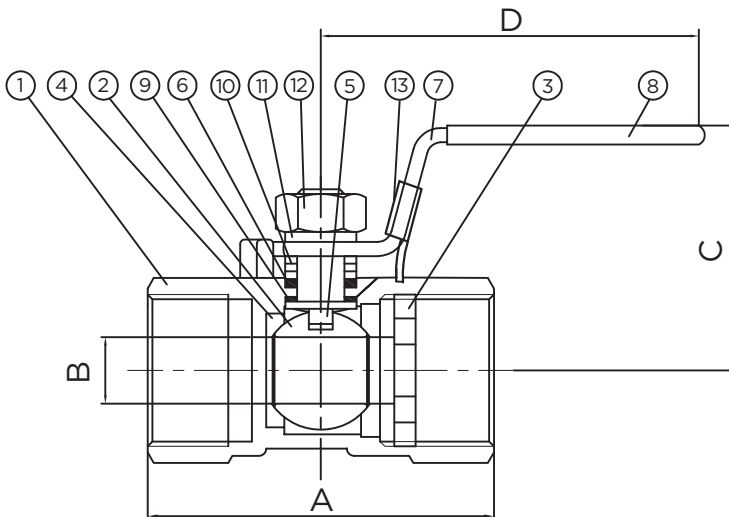
DIMENSIONS & WEIGHT

MODEL	SIZE	A	B	C	D	WEIGHT (KG)
1010CR-02	1/4"	1.57	0.20	1.81	3.07	0.10
1010CR-03	3/8"	1.77	0.28	1.26	3.90	0.10
1010CR-04	1/2"	2.20	0.35	1.57	4.13	0.15
1010CR-05	3/4"	2.36	0.47	1.65	4.69	0.26
1010CR-06	1"	2.83	0.59	1.97	6.10	0.44
1010CR-07	1 1/4"	3.11	0.75	2.13	6.18	0.67
1010CR-08	1 1/2"	3.27	0.94	2.44	6.77	0.81
1010CR-09	2"	3.94	1.26	2.76	8.66	1.35

*DIMENSIONS ARE EXPRESSED IN INCHES
 *FOR DIMENSIONS C&D THERE IS A TOLERANCE
 OF .24 IN, FOR A .08 IN

FIG. 1010CR

1000 PSI CARBON STEEL 1 PC RP BALL VALVE



FEATURES

SIZE:	1/4" - 2"
PORT:	REDUCED
PRESSURE:	1000 WOG
TEMPERATURE:	-50 TO 450F°
CONNECTION:	FEMALE NPT

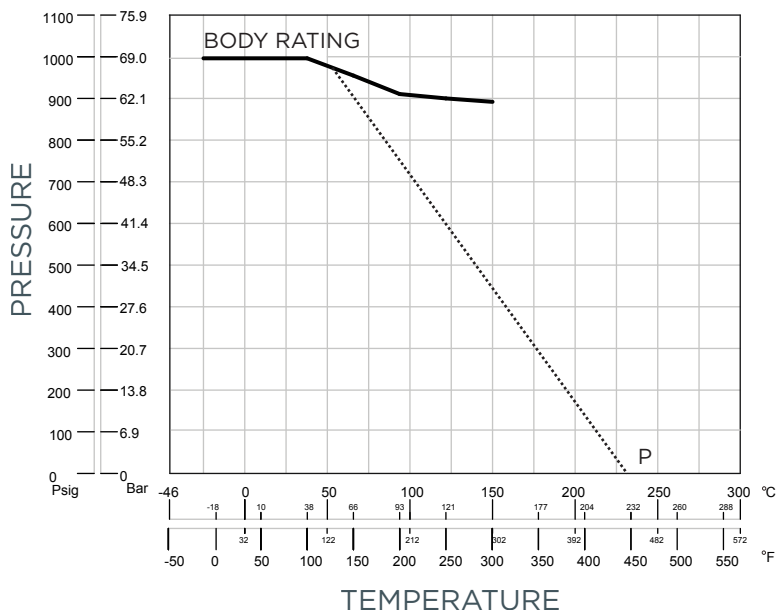
TECHNICAL SPECIFICATION

NPT THREADS AS PER ASME B1.20.1
 BLOW-OUT-PROOF STEM DESIGN
 LOCKING HANDLE
 IN COMPLIANCE WITH NACE MR-0175
 SUITABLE FOR WATER, OIL & GAS

TEST SPECIFICATION

TEST ACCORDANCE TO PER API 598
 SHELL TEST: 1500 PSI
 SEAT TEST: 1100 PSI
 AIR TEST: 87 PSI

— BODY RATING
 P: VIRGIN PTFE



MATERIAL LIST

1	BODY	A216 Gr. WCB
2	BALL	SS304
3	CAP	VIRGIN PTFE
4	SEAT	A216 Gr. WCB
5	STEM	SS304
6	STEM PACKING	VIRGIN PTFE
7	HANDLE	SSS201
8	HANDLE COVER	PVC
9	THRUST WASHER	VIRGIN PTFE
10	GLAND BUSHING	SS304
11	HANDLE WASHER	SS304
12	NUT	A2-70
13	LOCKING PAD	SS201

DIMENSIONS & WEIGHT

MODEL	SIZE	A	B	C	D	WEIGHT (KG)
1010CR-02	1/4"	1.57	0.20	1.81	3.07	0.81
1010CR-03	3/8"	1.77	0.28	1.26	3.90	1.35
1010CR-04	1/2"	2.20	0.35	1.57	4.13	0.10
1010CR-05	3/4"	2.36	0.47	1.65	4.69	0.10
1010CR-06	1"	2.83	0.59	1.97	6.10	0.15
1010CR-07	1 1/4"	3.11	0.75	2.13	6.18	0.26
1010CR-08	1 1/2"	3.27	0.94	2.44	6.77	0.44
1010CR-09	2"	3.94	1.26	2.76	8.66	0.67

*DIMENSIONS ARE EXPRESSED IN INCHES
 *FOR DIMENSIONS C&D THERE IS A TOLERANCE OF .24 IN, FOR A .08 IN

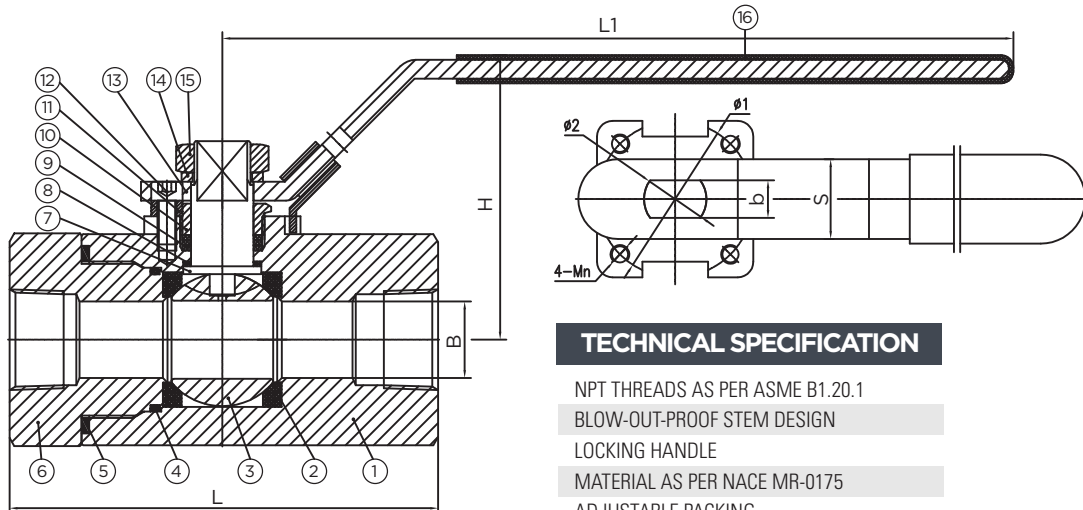
FIG. 3020SF

3000 PSI STAINLESS STEEL 2 PC FP BALL VALVE



FEATURES

SIZE: 1/4" - 2"
 PORT: FULL
 PRESSURE: 3000 WOG
 TEMPERATURE: -22 TO 200 F°
 CONNECTION: FEMALE NPT



TECHNICAL SPECIFICATION

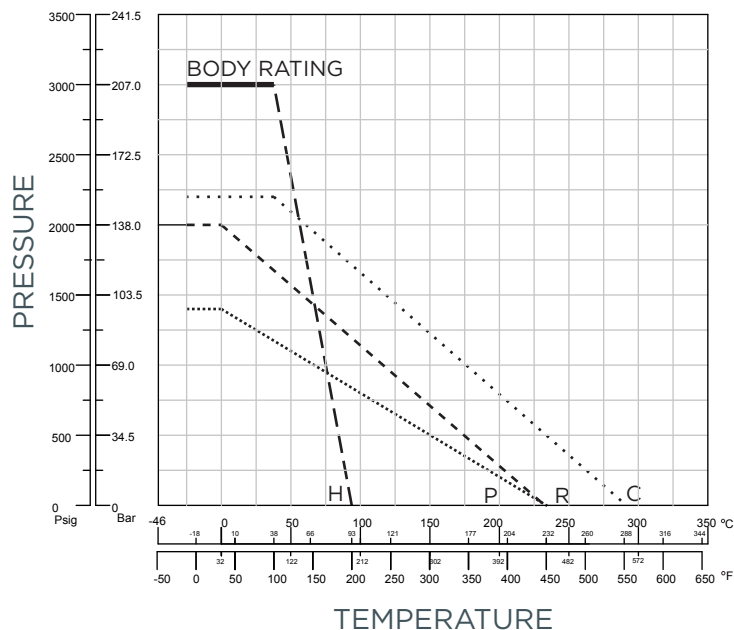
NPT THREADS AS PER ASME B1.20.1
 BLOW-OUT-PROOF STEM DESIGN
 LOCKING HANDLE
 MATERIAL AS PER NACE MR-0175
 ADJUSTABLE PACKING
 ACTUATOR MOUNTING PAD
 FIRE TEST & CERTIFIED TO API 607 5TH EDITION
 SUITABLE FOR WATER, OIL & GAS

DIMENSIONS & WEIGHT

MODEL	SIZE	B	L	H	L1	Ø1	Mn	Ø2	A	S	WEIGHT (KG)
3020CF-02	1/4"	0.39	3.86	2.36	5.79	1.42	M5	0.39	0.24	0.69	0.95
3020CF-03	3/8"	0.39	3.86	2.36	5.79	1.42	M5	0.39	0.24	0.69	0.95
3020CF-04	1/2"	0.51	3.86	2.36	5.79	1.42	M5	0.39	0.24	0.69	0.88
3020CF-05	3/4"	0.75	4.25	2.80	7.56	1.65	M5	0.47	0.28	0.85	1.52
3020CF-06	1"	0.96	5.39	3.46	7.28	1.65	M5	0.63	0.39	0.85	2.50
3020CF-07	1 1/4"	1.26	5.39	3.70	8.98	1.97	M6	0.63	0.39	1.02	3.30
3020CF-08	1 1/2"	1.50	6.30	4.53	10.55	2.76	M8	0.79	0.47	1.48	5.50
3020CF-09	2"	1.89	6.30	5.43	1.46	2.76	M8	0.94	0.59	1.48	7.60

MATERIAL LIST

1	BODY	ASTM A351 Gr. CF8M
2	SEAT	DELRI
3	BALL	SS316
4	O-RING	VITON
5	BODY SEAL	GRAPHITE
6	CAP	ASTM A351 Gr. CF8M
7	STEM	SS316
8	THRUST WASHER	15% GLASS FILLED PTFE (RPTFE)
9	STEM PACKING	CARBON FILLED PTFE (CPTFE)
10	GLAND BUSHING	A2-70
11	PIN COVER	SS304
12	PIN NUT	ASTM A193 Gr. B7
13	HANDLE	SS201
14	HANDLE WASHER	65Mn
15	HANDLE NUT	A2-70
16	HANDLE COVER	PVC



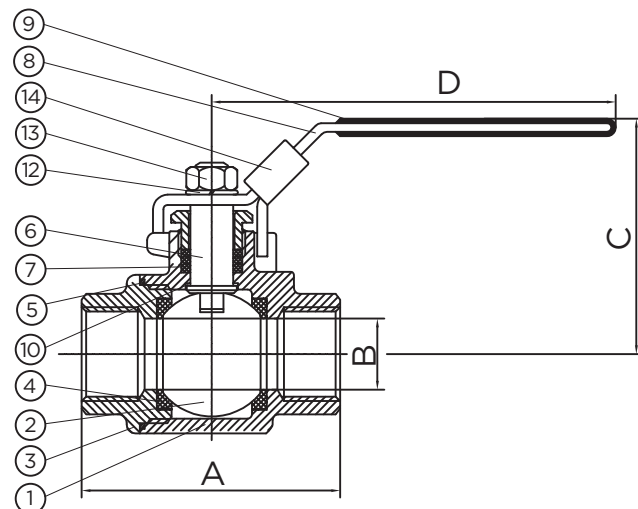
TEST SPECIFICATION

TEST ACCORDANCE TO PER API 598
 SHELL TEST: 4500 PSI
 SEAT TEST: 3300 PSI
 AIR TEST: 87 PSI

*DIMENSIONS ARE EXPRESSED IN INCHES

FIG. 1020CF

1000 PSI CARBON STEEL 2 PC FP BALL VALVE



FEATURES

SIZE:	1/2" - 4"
PORT:	FULL
PRESSURE:	1000 WOG
TEMPERATURE:	-50 TO 450 F°
CONNECTION:	FEMALE NPT

TECHNICAL SPECIFICATION

NPT THREADS AS PER ASME B1.20.1
 BLOW-OUT-PROOF STEM DESIGN
 LOCKING HANDLE
 IN COMPLIANCE WITH NACE MR-0175
 SUITABLE FOR WATER, OIL & GAS

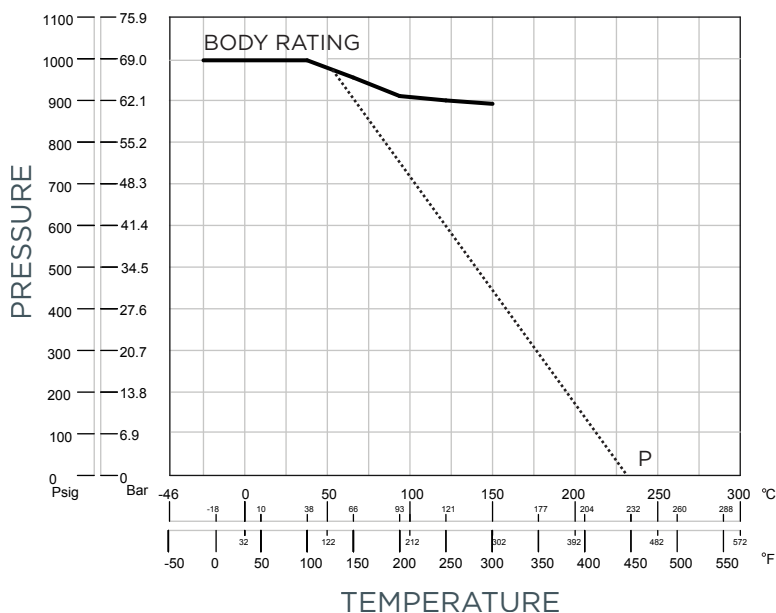
MATERIAL LIST

1	BODY	A216 Gr. WCB
2	BALL	SS304
3	CAP	A216 Gr. WCB
4	SEAT	VIRGIN PTFE
5	BODY SEAL	VIRGIN PTFE
6	STEM	SS316
7	STEM SEAL	VIRGIN PTFE
8	HANDLE	SS201
9	HANDLE COVER	PVC
10	THRUST WASHER	15% GLASS FILLED PTFE (RPTFE)
11	GLAND BUSHING	SS304
12	HANDLE WASHER	SS304
13	HANDLE NUT	A2-70
14	LOCKING PAD	SS201

TEST SPECIFICATION

TEST ACCORDANCE TO PER API 598
 SHELL TEST: 1500 PSI
 SEAT TEST: 1100 PSI
 AIR TEST: 87 PSI

— BODY RATING
 P: VIRGIN PTFE



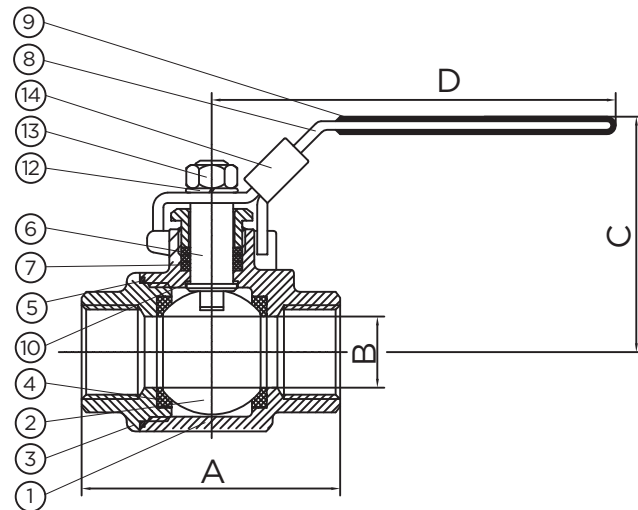
DIMENSIONS & WEIGHT

MODEL	SIZE	A	B	C	D	WEIGHT (KG)
1020SF-04	1/2"	2.24	0.59	2.28	3.94	0.29
1020SF-05	3/4"	2.60	0.79	2.40	4.33	0.45
1020SF-06	1"	3.15	0.98	2.76	4.69	0.74
1020SF-07	1 1/4"	3.70	1.26	2.95	6.30	1.20
1020SF-08	1 1/2"	4.00	1.50	3.54	6.30	1.46
1020SF-09	2"	4.57	1.97	4.17	6.89	2.10
1020SF-10	2 1/2"	6.14	2.56	8.66	5.24	4.60
1020SF-11	3"	7.00	3.15	9.25	5.51	6.55
1020SF-12	4"	8.90	3.94	14.09	6.30	12.50

*DIMENSIONS ARE EXPRESSED IN INCHES
 *FOR DIMENSIONS C&D THERE IS A TOLERANCE OF ±.24 IN, FOR A ±.08 IN

FIG. 1020SF

1000 PSI STAINLESS STEEL 2 PC FP BALL VALVE



FEATURES

SIZE:	1/2" - 4"
PORT:	FULL
PRESSURE:	1000 WOG
TEMPERATURE:	-50 TO 450 F°
CONNECTION:	FEMALE NPT

TECHNICAL SPECIFICATION

NPT THREADS AS PER ASME B1.20.1
 BLOW-OUT-PROOF STEM DESIGN
 LOCKING HANDLE
 IN COMPLIANCE WITH NACE MR-0175
 SUITABLE FOR WATER, OIL & GAS

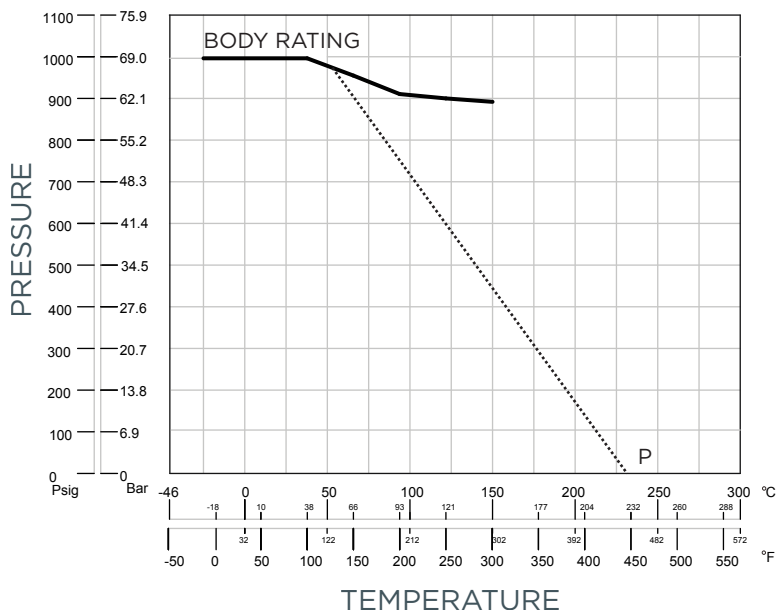
TEST SPECIFICATION

TEST ACCORDANCE TO PER API 598
 SHELL TEST: 1500 PSI
 SEAT TEST: 1100 PSI
 AIR TEST: 87 PSI

— BODY RATING
 P: VIRGIN PTFE

MATERIAL LIST

1	BODY	SS316
2	BALL	SS316
3	CAP	SS316
4	SEAT	VIRGIN PTFE
5	BODY SEAL	VIRGIN PTFE
6	STEM	SS316
7	STEM SEAL	VIRGIN PTFE
8	HANDLE	SS201
9	HANDLE COVER	PVC
10	THRUST WASHER	15% GLASS FILLED PTFE (RPTFE)
11	GLAND BUSHING	SS304
12	HANDLE WASHER	SS304
13	HANDLE NUT	A2-70
14	LOCKING PAD	SS201



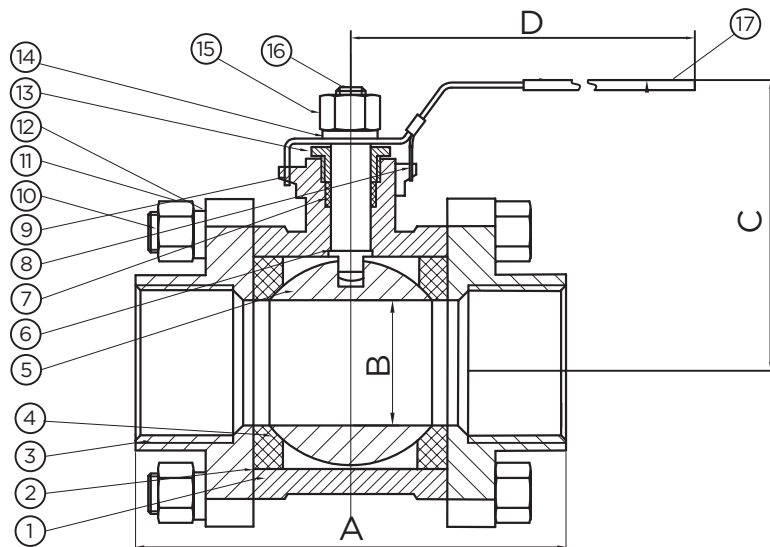
DIMENSIONS & WEIGHT

MODEL	SIZE	A	B	C	D	WEIGHT (KG)
1020SF-04	1/2"	2.24	0.59	2.28	3.94	0.29
1020SF-05	3/4"	2.60	0.79	2.40	4.33	0.45
1020SF-06	1"	3.15	0.98	2.76	4.69	0.74
1020SF-07	1 1/4"	3.70	1.26	2.95	6.30	1.20
1020SF-08	1 1/2"	4.00	1.50	3.54	6.30	1.46
1020SF-09	2"	4.57	1.97	4.17	6.89	2.10
1020SF-10	2 1/2"	6.14	2.56	8.66	5.24	4.60
1020SF-11	3"	7.00	3.15	9.25	5.51	6.55
1020SF-12	4"	8.90	3.94	14.09	6.30	12.50

*DIMENSIONS ARE EXPRESSED IN INCHES
 *FOR DIMENSIONS C&D THERE IS A TOLERANCE
 OF ±.24 IN, FOR A ±.08 IN

FIG. 1030CF

1000 PSI CARBON STEEL 3 PC FP BALL VALVE



FEATURES

SIZE:	1/2" - 4"
PORT:	FULL
PRESSURE:	1000 WOG
TEMPERATURE:	-50 TO 450 F°
CONNECTION:	FEMALE NPT

TECHNICAL SPECIFICATION

NPT THREADS AS PER ASME B1.20.1
 BLOW-OUT-PROOF STEM DESIGN
 LOCKING HANDLE
 IN COMPLIANCE WITH NACE MR-0175
 SUITABLE FOR WATER, OIL & GAS

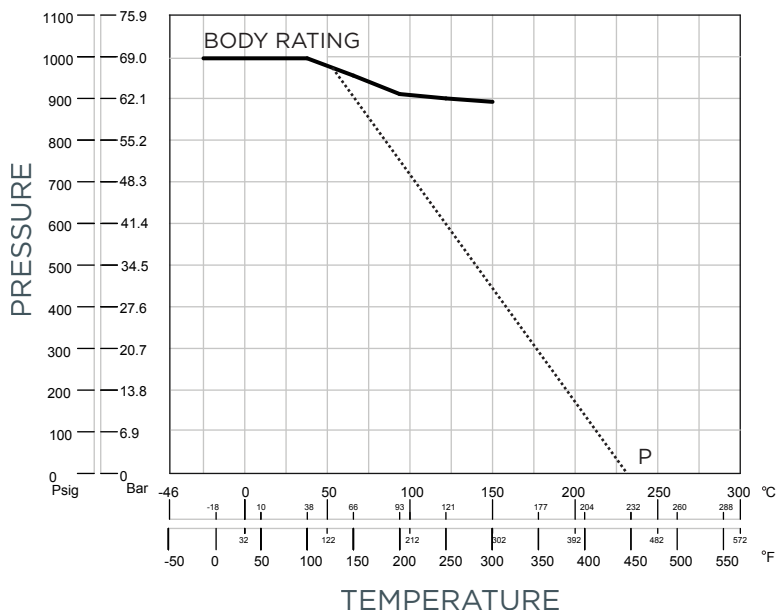
MATERIAL LIST

1	BODY	ASTM A-216 Gr. WCB
2	BODY SEAL	VIRGIN PTFE
3	CAP	ASTM A-216 Gr. WCB
4	SEAT	VIRGIN PTFE
5	BALL	SS304
6	THRUST WASHER	VIRGIN PTFE
7	STEM SEAL	VIRGIN PTFE
8	LOCKING PAD	SS201
9	HANDLE	SS201
10	BOLT	SS
11	BOLT NUT	SS
12	BOLT WASHER	SS
13	GLAND BUSHING	SS304
14	HANDLE WASHER	SS304
15	HANDLE NUT	A2-70
16	STEM	SS304
17	HANDLE COVER	PVC

TEST SPECIFICATION

TEST ACCORDANCE TO PER API 598
 SHELL TEST: 1500 PSI
 SEAT TEST: 1100 PSI
 AIR TEST: 87 PSI

— BODY RATING
 P: VIRGIN PTFE



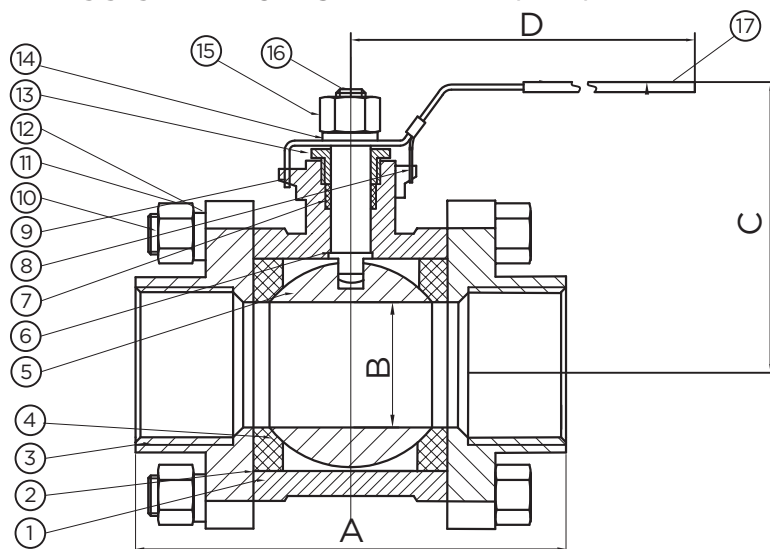
DIMENSIONS & WEIGHT

MODEL	SIZE	A	B	C	D	WEIGHT (KG)
1030CF-04	1/2"	2.64	0.59	2.24	3.94	0.55
1030CF-05	3/4"	2.87	0.79	2.76	4.72	0.75
1030CF-06	1"	3.31	0.98	2.76	5.51	1
1030CF-07	1 1/4"	3.98	1.26	3.54	6.30	1.80
1030CF-08	1 1/2"	4.33	1.50	3.70	6.30	1.91
1030CF-09	2"	5.12	1.97	4.13	6.93	3.03
1030CF-10	2 1/2"	7.17	2.56	5.00	8.66	7.15
1030CF-11	3"	8.31	3.15	5.51	9.25	10.30
1030CF-12	4"	10.55	3.94	6.93	16.14	19.50

*DIMENSIONS ARE EXPRESSED IN INCHES
 *FOR DIMENSIONS C&D THERE IS A TOLERANCE
 OF ±.24 IN, FOR A ±.08 IN

FIG. 1030SF

1000 PSI STAINLESS STEEL 3 PC FP BALL VALVE



FEATURES

SIZE:	1/2" - 4"
PORT:	FULL
PRESSURE:	1000 WOG
TEMPERATURE:	-50 TO 450 F°
CONNECTION:	FEMALE NPT

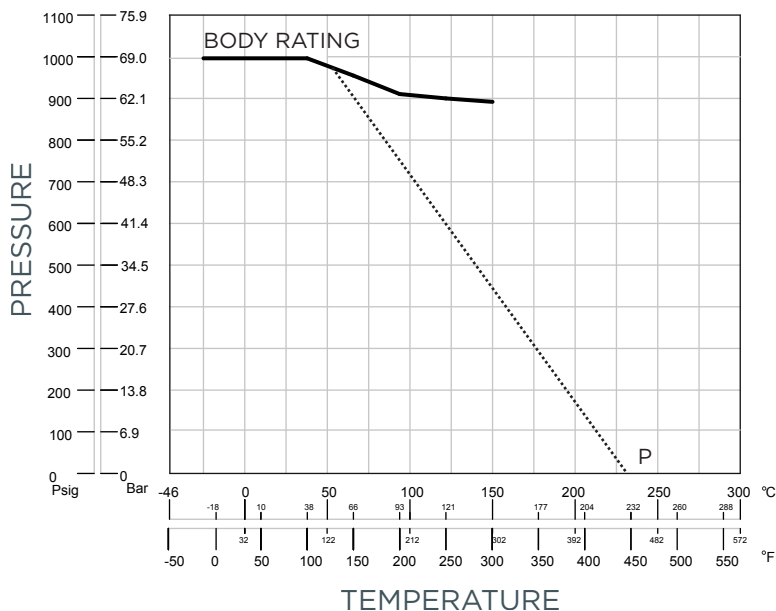
TECHNICAL SPECIFICATION

NPT THREADS AS PER ASME B1.20.1
 BLOW-OUT-PROOF STEM DESIGN
 LOCKING HANDLE
 IN COMPLIANCE WITH NACE MR-0175
 SUITABLE FOR WATER, OIL & GAS

TEST SPECIFICATION

TEST ACCORDANCE TO PER API 598
 SHELL TEST: 1500 PSI
 SEAT TEST: 1100 PSI
 AIR TEST: 87 PSI

— BODY RATING
 P: VIRGIN PTFE



MATERIAL LIST

1	BODY	SS316
2	BODY SEAL	VIRGIN PTFE
3	CAP	SS316
4	SEAT	VIRGIN PTFE
5	BALL	SS316
6	THRUST WASHER	VIRGIN PTFE
7	STEM SEAL	VIRGIN PTFE
8	LOCKING PAD	SS201
9	HANDLE	SS201
10	BOLT	SS
11	BOLT NUT	SS
12	BOLT WASHER	SS
13	GLAND BUSHING	SS304
14	HANDLE WASHER	SS304
15	HANDLE NUT	A2-70
16	STEM	SS316
17	HANDLE COVER	PVC

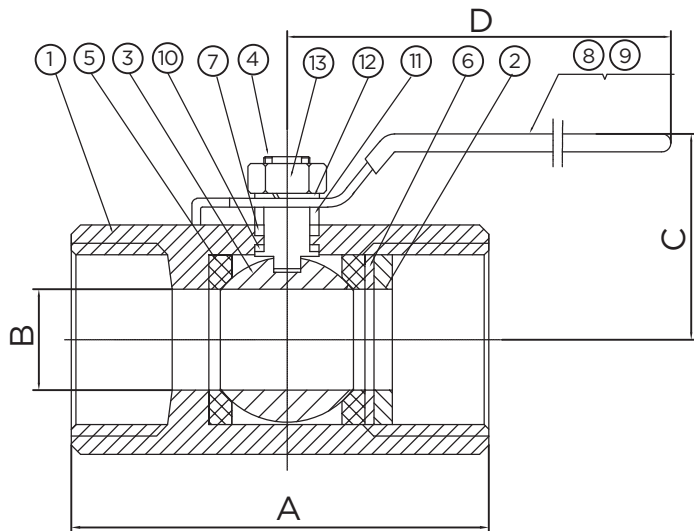
DIMENSIONS & WEIGHT

MODEL	SIZE	A	B	C	D	WEIGHT (KG)
1030CF-04	1/2"	2.64	0.59	2.24	3.94	0.55
1030CF-05	3/4"	2.87	0.79	2.76	4.72	0.75
1030CF-06	1"	3.31	0.98	2.76	5.51	1
1030CF-07	1 1/4"	3.98	1.26	3.54	6.30	1.80
1030CF-08	1 1/2"	4.33	1.50	3.70	6.30	1.91
1030CF-09	2"	5.12	1.97	4.13	6.93	3.03
1030CF-10	2 1/2"	7.17	2.56	5.00	8.66	7.15
1030CF-11	3"	8.31	3.15	5.51	9.25	10.30
1030CF-12	4"	10.55	3.94	6.93	16.14	19.50

*DIMENSIONS ARE EXPRESSED IN INCHES
 *FOR DIMENSIONS C&D THERE IS A TOLERANCE
 OF ±.24 IN, FOR A ±.08 IN

FIG.2010CR

2000 PSI FORGED STEEL HEX-BAR RP BALL VALVE



FEATURES

SIZE:	1/4" - 2"
PORT:	REDUCED
PRESSURE:	2000 WOG
TEMPERATURE:	-50 TO 450 F°
CONNECTION:	FEMALE NPT

TECHNICAL SPECIFICATION

NPT THREADS AS PER ASME B1.20.1
BLOW-OUT-PROOF STEM DESIGN
IN COMPLIANCE WITH NACE MR-0175
SUITABLE FOR WATER, OIL & GAS

MATERIAL LIST

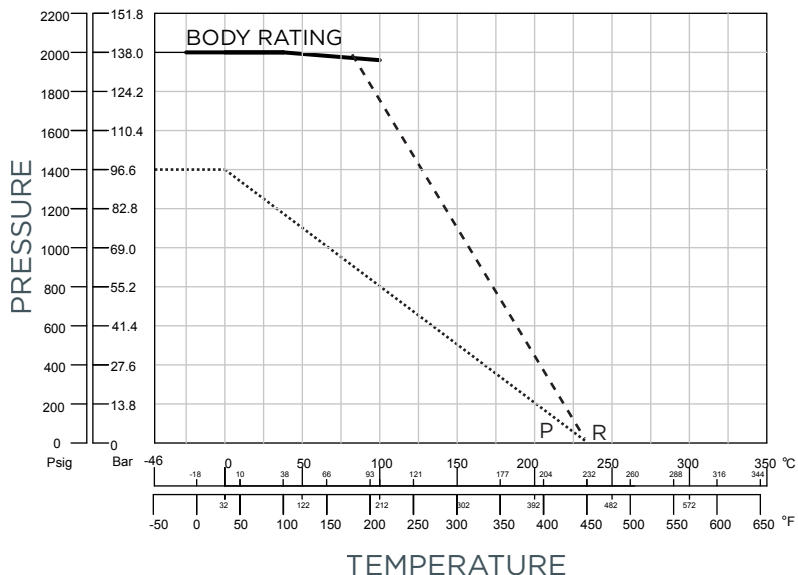
1	BODY	ASTM A-105
2	CAP	ASTM A-105
3	BALL	SS316
4	STEM	SS316
5	SEAT	15% GLASS FILLED PTFE (RPTFE)
6	CAP SEAT	15% GLASS FILLED PTFE (RPTFE)
7	STEM PACKING	VIRGIN PTFE
8	HANDLE	SS201
9	HANDLE COVER	PVC
10	THRUST WASHER	VIRGIN PTFE
11	GLAND BUSHING	SS304
12	HANDLE WASHER	SS304
13	HANDLE NUT	A2-70

TEST SPECIFICATION

TEST ACCORDANCE TO PER API 598
SHELL TEST: 1500 PSI
SEAT TEST: 1100 PSI
AIR TEST: 87 PSI



— BODY RATING
..... P: VIRGIN PTFE
--- R: 15% GLASS FILLED



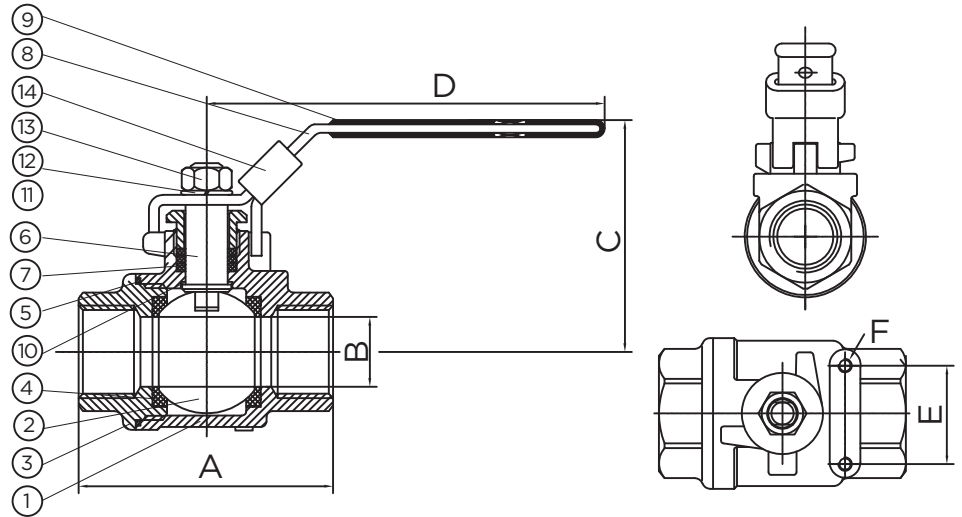
DIMENSIONS & WEIGHT

MODEL	SIZE	A	B	C	D	WEIGHT (KG)
2010CR-02	1/4"	1.69	0.20	1.10	2.87	0.14
2010CR-03	3/8"	1.85	0.28	1.26	3.23	0.16
2010CR-04	1/2"	2.44	0.35	1.85	4.61	0.35
2010CR-05	3/4"	2.76	0.49	2.05	4.61	0.50
2010CR-06	1"	3.39	0.59	2.56	5.24	1.00
2010CR-07	1 1/4"	3.70	0.79	2.95	5.24	1.47
2010CR-08	1 1/2"	4.02	0.98	3.07	6.18	1.80
2010CR-09	2"	4.53	1.26	3.54	7.87	3.13

*DIMENSIONS ARE EXPRESSED IN INCHES
*FOR DIMENSIONS C&D THERE IS A TOLERANCE
OF ±.24 IN, FOR A ±.08 IN

FIG. 2020CF

2000 PSI CARBON STEEL 2 PC FP BALL VALVE



FEATURES

SIZE:	1/4" - 2"
PORT:	FULL
PRESSURE:	2000 WOG
TEMPERATURE:	-50 TO 450 F°
CONNECTION:	FEMALE NPT

TECHNICAL SPECIFICATION

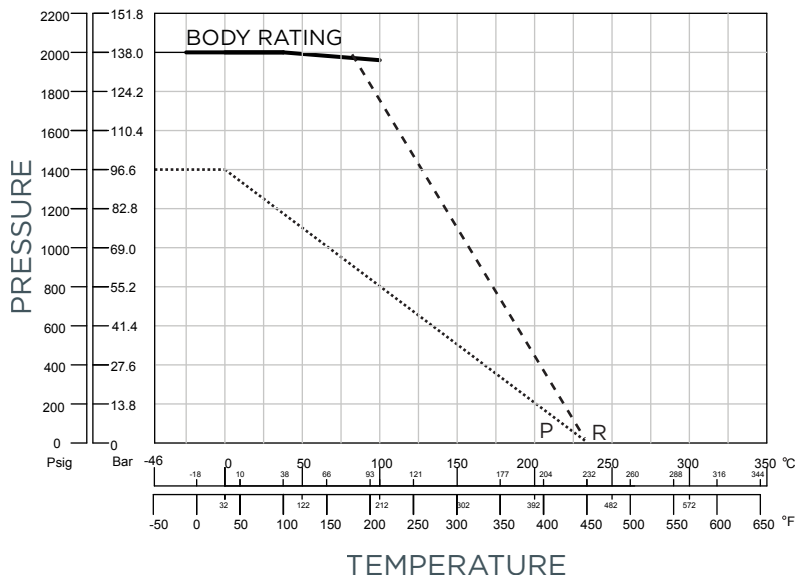
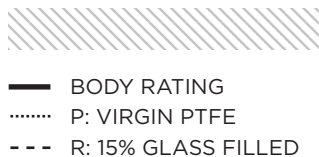
NPT THREADS AS PER ASME B1.20.1
BLOW-OUT-PROOF STEM DESIGN
LOCKING HANDLE
IN COMPLIANCE WITH NACE MR-0175
SUITABLE FOR WATER, OIL & GAS

MATERIAL LIST

1	BODY	ASTM A216 Gr. WCB
2	BALL	SS304
3	CAP	ASTM A216 Gr. WCB
4	SEAT	15% GLASS FILLED PTFE (RPTFE)
5	BODY SEAL	15% GLASS FILLED PTFE (RPTFE)
6	STEM	SS304
7	STEM PACKING	VIRGIN PTFE
8	HANDLE	SS201
9	HANDLE COVER	PVC
10	THRUST WASHER	VIRGIN PTFE
11	GLAND BUSHING	SS304
12	HANDLE WASHER	SS304
13	HANDLE NUT	A2-70
14	LOCKING PAD	SS201

TEST SPECIFICATION

TEST ACCORDANCE TO PER API 598
SHELL TEST: 3000 PSI
SEAT TEST: 2200 PSI
AIR TEST: 87 PSI



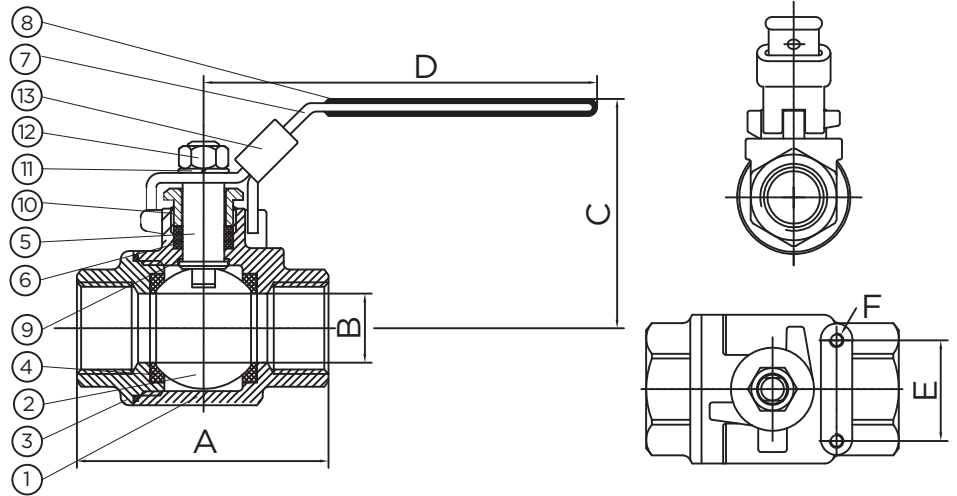
DIMENSIONS & WEIGHT

MODEL	SIZE	A	B	C	D	E	F	WEIGHT (KG)
2020CF-02	1/4"	2.17	0.43	2.09	3.90	1.10	12-24 UNC	0.29
2020CF-03	3/8"	2.16	0.47	2.09	3.90	1.10	12-24 UNC	0.29
2020CF-04	1/2"	2.44	0.59	2.28	4.13	1.10	1/4-20UNC	0.38
2020CF-05	3/4"	3.07	0.79	2.48	4.69	1.38	1/4-20UNC	0.68
2020CF-06	1"	3.54	0.98	3.07	6.10	1.38	1/4-20UNC	1.05
2020CF-07	1 1/4"	3.86	1.26	3.15	6.18	1.38	1/4-20UNC	1.50
2020CF-08	1 1/2"	4.65	1.50	3.62	6.77	1.46	1/4-20UNC	2.50
2020CF-09	2"	5.35	1.89	3.94	8.66	1.46	1/4-20UNC	3.60

*DIMENSIONS ARE EXPRESSED IN INCHES
*FOR DIMENSIONS C&D THERE IS A TOLERANCE OF ±.24 IN, FOR A ±.08 IN

FIG. 2020SF

2000 PSI STAINLESS STEEL 2 PC FP BALL VALVE



FEATURES

SIZE:	1/4" - 2"
PORT:	FULL
PRESSURE:	2000 WOG
TEMPERATURE:	-50 TO 450 F°
CONNECTION:	FEMALE NPT

TECHNICAL SPECIFICATION

NPT THREADS AS PER ASME B1.20.1
 BLOW-OUT-PROOF STEM DESIGN
 LOCKING HANDLE
 IN COMPLIANCE WITH NACE MR-0175
 SEAL WELDED BODY

MATERIAL LIST

1	BODY	ASTM A351 Gr. CF8M
2	BALL	SS316
3	CAP	ASTM A351 Gr. CF8M
4	SEAT	15% GLASS FILLED PTFE (RPTFE)
5	STEM	SS316
6	STEM PACKING	VIRGIN PTFE
7	HANDLE	SS201
8	HANDLE COVER	PVC
9	THRUST WASHER	15% GLASS FILLED PTFE (RPTFE)
10	GLAND BUSHING	SS304
11	HANDLE WAHSER	SS304
12	HANDLE NUT	A2-70
13	LOCKING PAD	SS201

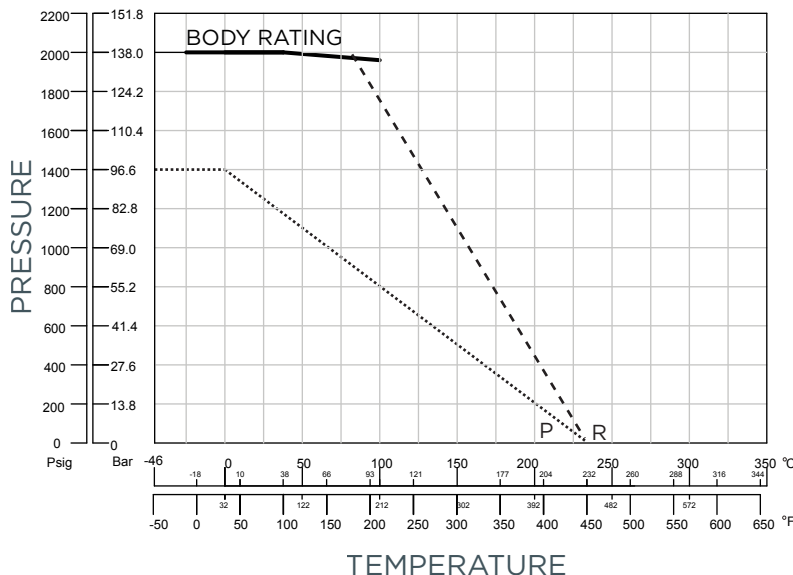
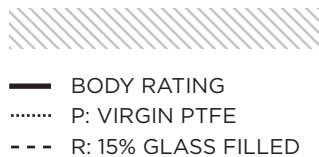
TEST SPECIFICATION

TEST ACCORDANCE TO PER API 598

SHELL TEST: 3000 PSI

SEAT TEST: 2200 PSI

AIR TEST: 87 PSI



DIMENSIONS & WEIGHT

MODEL	SIZE	A	B	C	D	E	F	WEIGHT (KG)
2020CF-02	1/4"	2.17	0.43	2.09	3.90	1.10	12-24 UNC	0.29
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2020CF-07	1 1/4"	3.86	1.26	3.15	6.18	1.38	1/4-20UNC	1.50
2020CF-08	1 1/2"	4.65	1.50	3.62	6.77	1.46	1/4-20UNC	2.50
2020CF-09	2"	5.35	1.89	3.94	8.66	1.46	1/4-20UNC	3.60

*DIMENSIONS ARE EXPRESSED IN INCHES
 *FOR DIMENSIONS C&D THERE IS A TOLERANCE
 OF ±.24 IN, FOR A ±.08 IN