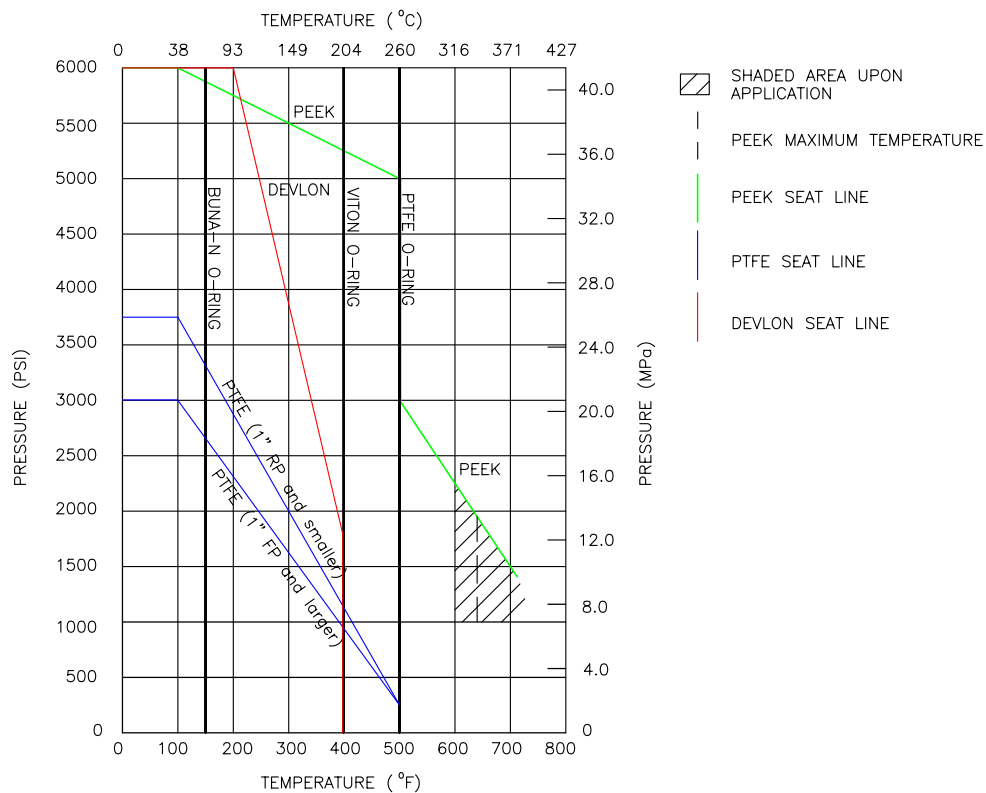
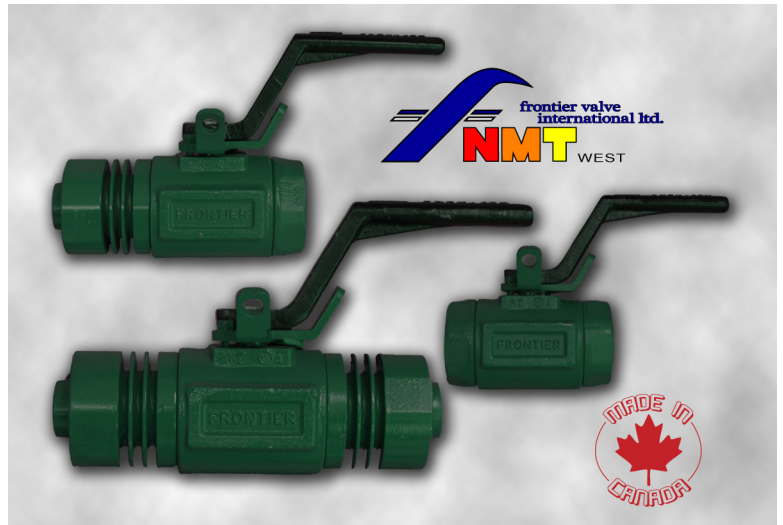
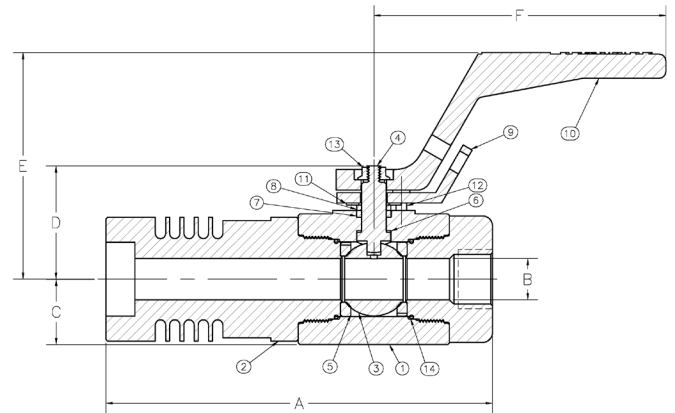


- Fnpt x Fnpt, Fnpt x Sw, Sw x Sw ends
- Made in Canada
- High Quality Forged
- Fire Safe Design
- Locking Handle
- Sour Service



MATERIALS LIST

	PART	SOUR
1	BODY	ASTM A105 N
2	BODY CAP	ASTM A105 N
3	BALL	A351 CF8M
4	STEM	A564 630 H1150M (17-4 PH)
5	SEAT	
	3600 (3000 1½ + 2")	RPTFE
	6000	DEVLON
	HIGH TEMP	PEEK
6	THRUST WASHER	
	3600 (3000 1½ + 2")	RPTFE
	6000	DEVLON
	HIGH TEMP	PEEK
7	PACKING	RPTFE
8	PACKING FOLLOWER	STAINLESS STEEL
9	LOCK PLATE	CAST STEEL
10	HANDLE	CAST STEEL
11	SPRING WASHER	STAINLESS STEEL
12	CAP SCREW	STAINLESS STEEL
13	HANDLE NUT	PLATED CARBON STEEL
14	BODY O-RING	VITON
14	BODY O-RING (HIGH TEMP)	RPTFE



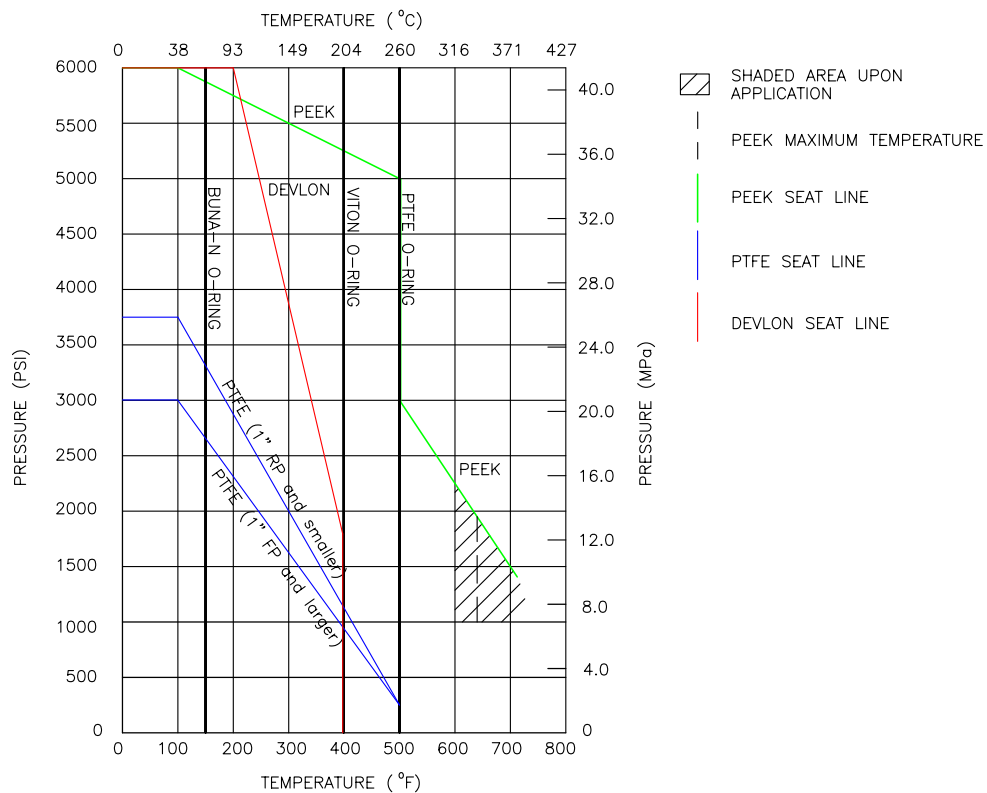
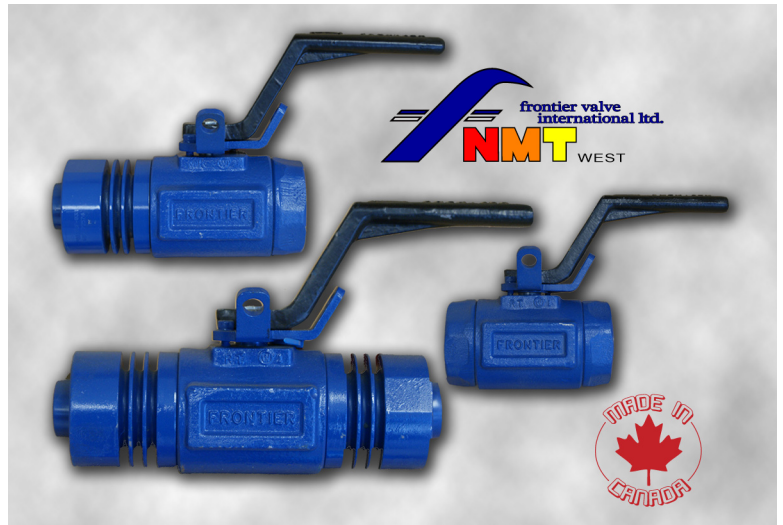
DIMENSIONS (in/mm)

SIZE	A			B	C	D	E	F	Cv	WT (lb./kg)		
	NPT	NPT x SW	SW							NPT	NPT x SW	SW
1/4" FP	4.00	6.53	9.06	0.44	0.57	0.84	3.80	5.31	9	2.2	4.2	6.2
	101.6	165.9	230.1	11.2	14.4	21.3	96.5	134.9		1.00	1.91	2.81
3/8" FP	4.00	6.53	9.06	0.50	0.70	0.84	3.80	5.31	9	2.2	4.2	6.2
	101.6	165.9	230.1	12.7	17.8	21.3	96.5	134.9		1.00	1.91	2.81
1/2" FP	4.00	6.53	9.06	0.50	0.87	0.84	3.80	5.31	9	2.2	4.2	6.2
	101.6	165.9	230.1	12.7	22.0	21.3	96.5	134.9		1.00	1.91	2.81
3/4" RP	4.00	6.53	9.06	0.50	1.08	0.84	3.80	5.31	14	2.4	4.7	6.8
	101.6	165.9	230.1	12.7	27.3	21.3	96.5	134.9		1.09	2.13	3.08
3/4" FP	4.30	7.00	9.75	0.75	1.08	1.06	4.12	5.31	25	4.4	6.9	9.4
	109.2	177.8	247.7	19.1	27.3	26.9	104.6	134.9		2.00	3.13	4.26
1" RP	4.30	7.00	9.75	0.75	1.08	1.06	4.12	5.31	33	4.4	7.1	9.9
	109.2	177.8	247.7	19.1	27.3	26.9	104.6	134.9		2.00	3.22	4.49
1 1/2" FP	6.25	8.75	11.25	1.50	2.42	2.05	5.78	11.00	100	18.0	24.5	31.0
	158.8	222.3	285.8	38.1	61.4	52.1	146.8	279.4		8.16	11.11	14.06
2" RP	6.25	8.75	11.25	1.50	2.42	2.05	5.78	11.00	100	18.0	24.5	31.0
	158.8	222.3	285.8	38.1	61.4	52.1	146.8	279.4		8.16	11.11	14.06

*Frontier Valve reserves the right to change dimensions or materials without notice

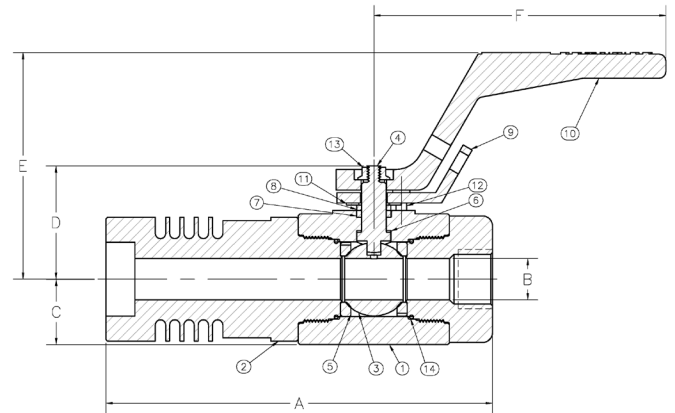
Dimensions +/- 0.06in (1.5 mm)

- Fnpt x Fnpt, Fnpt x Sw, Sw x Sw ends
- Made in Canada
- High Quality Forged
- Fire Safe Design
- Locking Handle
- Sour Service



MATERIALS LIST

PART	LOW TEMP
1 BODY	ASTM A350 LF2
2 BODY CAP	ASTM A350 LF2
3 BALL	A351 CF8M
4 STEM	A564 630 H1150M (17-4 PH)
5 SEAT	
3600 (3000 1½ + 2")	RPTFE
6000	DEVLON
HIGH TEMP	PEEK
6 THRUST WASHER	
3600 (3000 1½ + 2")	RPTFE
6000	DEVLON
HIGH TEMP	PEEK
7 PACKING	RPTFE
8 PACKING FOLLOWER	STAINLESS STEEL
9 LOCK PLATE	CAST STEEL
10 HANDLE	CAST STEEL
11 SPRING WASHER	STAINLESS STEEL
12 CAP SCREW	STAINLESS STEEL
13 HANDLE NUT	PLATED CARBON STEEL
14 BODY O-RING	VITON
14 BODY O-RING (HIGH TEMP)	RPTFE



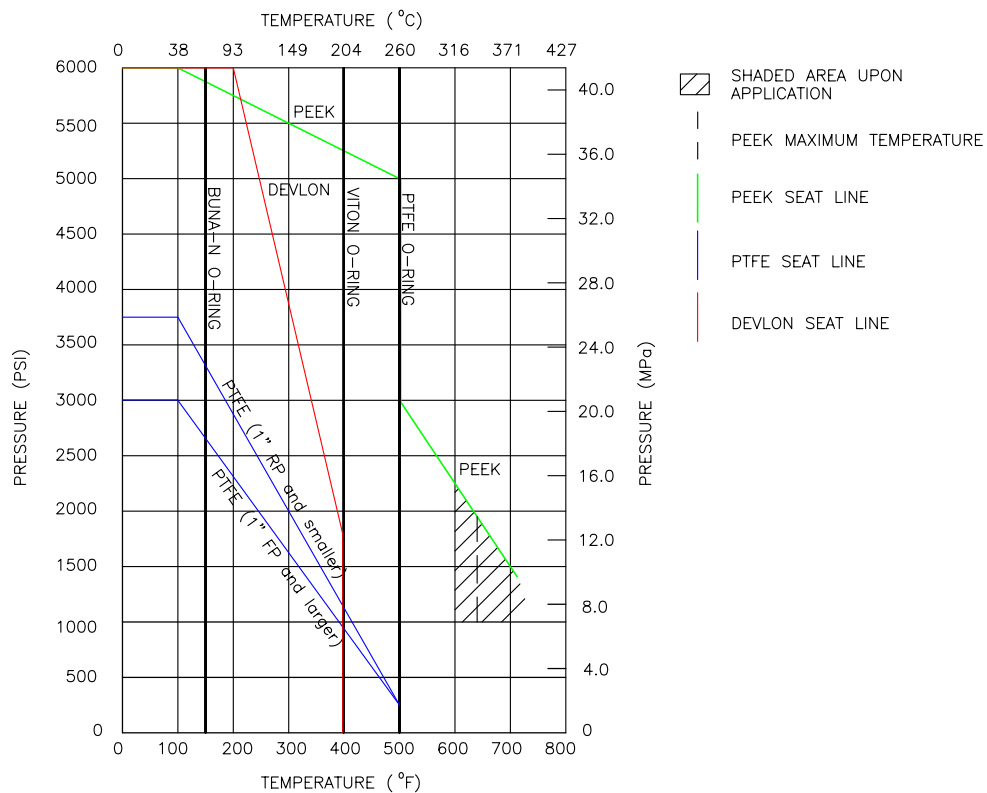
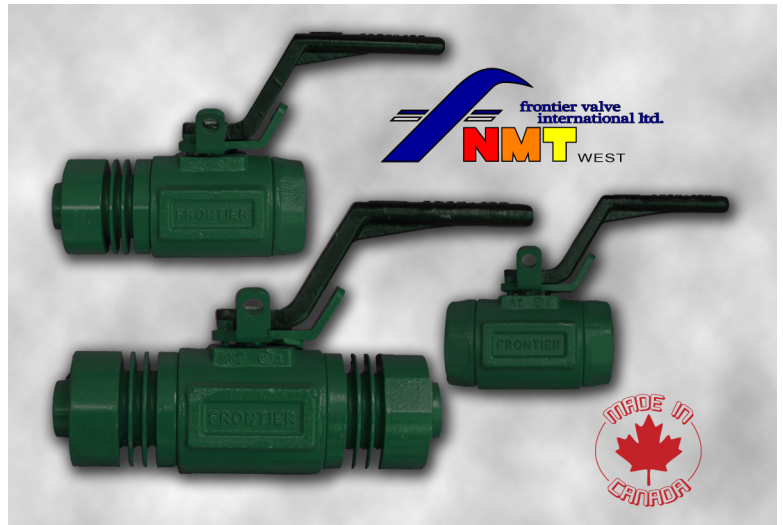
DIMENSIONS (in/mm)

SIZE	A			B	C	D	E	F	Cv	WT (lb./kg)		
	NPT	NPT x SW	SW							NPT	NPT x SW	SW
1/4" FP	4.00	6.53	9.06	0.44	0.57	0.84	3.80	5.31	9	2.2	4.2	6.2
	101.6	165.9	230.1	11.2	14.4	21.3	96.5	134.9		1.00	1.91	2.81
3/8" FP	4.00	6.53	9.06	0.50	0.70	0.84	3.80	5.31	9	2.2	4.2	6.2
	101.6	165.9	230.1	12.7	17.8	21.3	96.5	134.9		1.00	1.91	2.81
1/2" FP	4.00	6.53	9.06	0.50	0.87	0.84	3.80	5.31	9	2.2	4.2	6.2
	101.6	165.9	230.1	12.7	22.0	21.3	96.5	134.9		1.00	1.91	2.81
3/4" RP	4.00	6.53	9.06	0.50	1.08	0.84	3.80	5.31	14	2.4	4.7	6.8
	101.6	165.9	230.1	12.7	27.3	21.3	96.5	134.9		1.09	2.13	3.08
3/4" FP	4.30	7.00	9.75	0.75	1.08	1.06	4.12	5.31	25	4.4	6.9	9.4
	109.2	177.8	247.7	19.1	27.3	26.9	104.6	134.9		2.00	3.13	4.26
1" RP	4.30	7.00	9.75	0.75	1.08	1.06	4.12	5.31	33	4.4	7.1	9.9
	109.2	177.8	247.7	19.1	27.3	26.9	104.6	134.9		2.00	3.22	4.49
1 1/2" FP	6.25	8.75	11.25	1.50	2.42	2.05	5.78	11.00	100	18.0	24.5	31.0
	158.8	222.3	285.8	38.1	61.4	52.1	146.8	279.4		8.16	11.11	14.06
2" RP	6.25	8.75	11.25	1.50	2.42	2.05	5.78	11.00	100	18.0	24.5	31.0
	158.8	222.3	285.8	38.1	61.4	52.1	146.8	279.4		8.16	11.11	14.06

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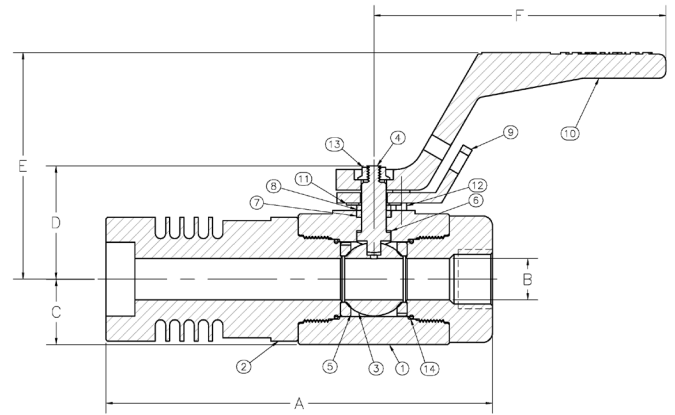
Dimensions +/- 0.06in (1.5 mm)

- Fnpt x Fnpt, Fnpt x Sw, Sw x Sw ends
- Made in Canada
- High Quality Forged
- Fire Safe Design
- Locking Handle
- Sour Service



MATERIALS LIST

	PART	SOUR
1	BODY	ASTM A105 N
2	BODY CAP	ASTM A105 N
3	BALL	A351 CF8M
4	STEM	A564 630 H1150M (17-4 PH)
5	SEAT	
	3600 (3000 1½ + 2")	RPTFE
	6000	DEVLON
	HIGH TEMP	PEEK
6	THRUST WASHER	
	3600 (3000 1½ + 2")	RPTFE
	6000	DEVLON
	HIGH TEMP	PEEK
7	PACKING	RPTFE
8	PACKING FOLLOWER	STAINLESS STEEL
9	LOCK PLATE	CAST STEEL
10	HANDLE	CAST STEEL
11	SPRING WASHER	STAINLESS STEEL
12	CAP SCREW	STAINLESS STEEL
13	HANDLE NUT	PLATED CARBON STEEL
14	BODY O-RING	VITON
14	BODY O-RING (HIGH TEMP)	RPTFE



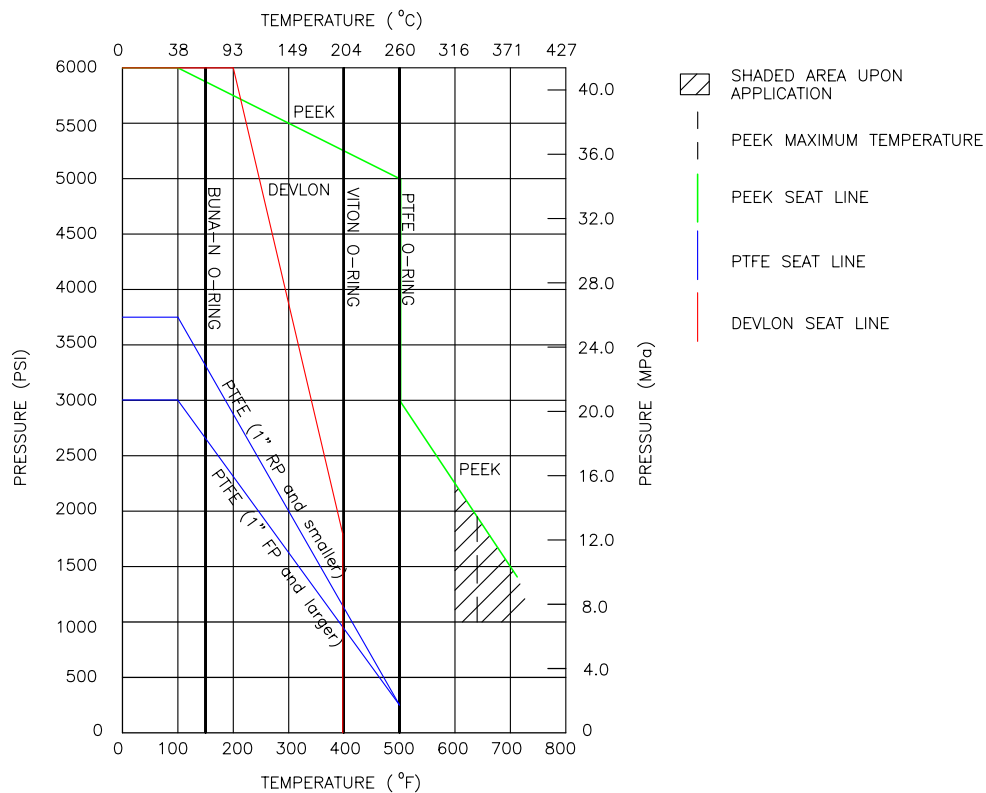
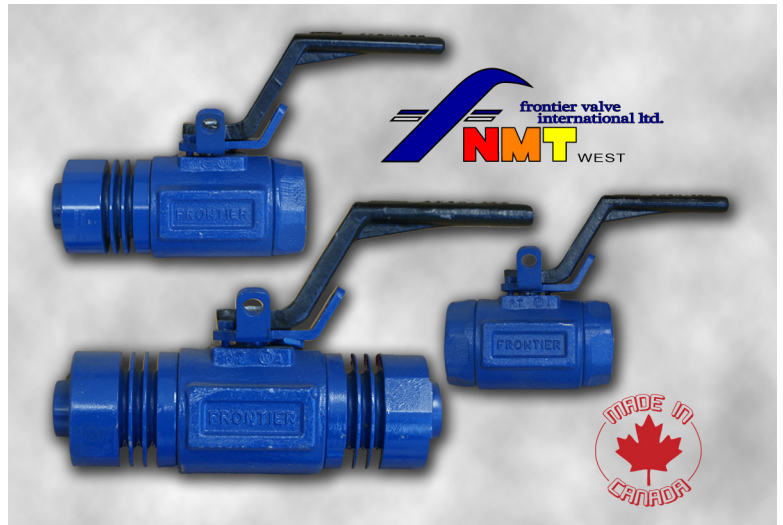
DIMENSIONS (in/mm)

SIZE	A			B	C	D	E	F	Cv	WT (lb./kg)		
	NPT	NPT x SW	SW							NPT	NPT x SW	SW
1/4" FP	4.00	6.53	9.06	0.44	0.57	0.84	3.80	5.31	9	2.2	4.2	6.2
	101.6	165.9	230.1	11.2	14.4	21.3	96.5	134.9		1.00	1.91	2.81
3/8" FP	4.00	6.53	9.06	0.50	0.70	0.84	3.80	5.31	9	2.2	4.2	6.2
	101.6	165.9	230.1	12.7	17.8	21.3	96.5	134.9		1.00	1.91	2.81
1/2" FP	4.00	6.53	9.06	0.50	0.87	0.84	3.80	5.31	9	2.2	4.2	6.2
	101.6	165.9	230.1	12.7	22.0	21.3	96.5	134.9		1.00	1.91	2.81
3/4" RP	4.00	6.53	9.06	0.50	1.08	0.94	3.80	5.31	14	2.4	4.7	6.8
	101.6	165.9	230.1	12.7	27.3	23.9	96.5	134.9		1.09	2.13	3.08
3/4" FP	4.30	7.00	9.75	0.75	1.08	1.06	4.12	5.31	25	4.4	6.9	9.4
	109.2	177.8	247.7	19.1	27.3	26.9	104.6	134.9		2.00	3.13	4.26
1" RP	4.75	7.25	9.75	0.75	1.34	1.13	4.12	5.31	33	4.4	7.1	9.9
	121	184.7	247.7	19.1	34.0	28.7	104.6	134.9		2.00	3.22	4.49
1 1/2" FP	6.25	8.75	11.25	1.50	2.42	2.05	5.78	11.00	100	18.0	24.5	31.0
	158.8	222.3	285.8	38.1	61.4	52.1	146.8	279.4		8.16	11.11	14.06
2" RP	6.25	8.75	11.25	1.50	2.42	2.05	5.78	11.00	100	18.0	24.5	31.0
	158.8	222.3	285.8	38.1	61.4	52.1	146.8	279.4		8.16	11.11	14.06

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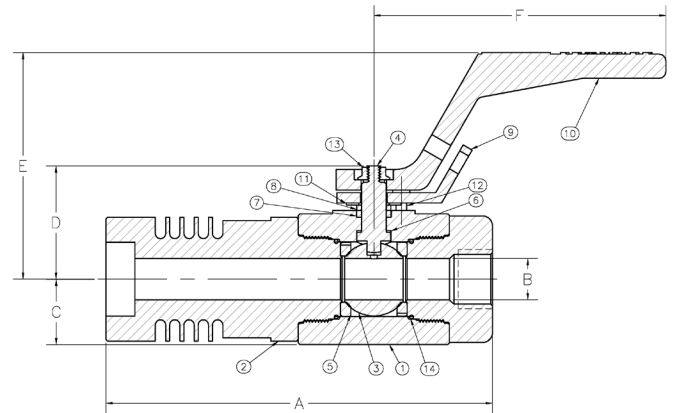
Dimensions +/- 0.06in (1.5 mm)

- Fnpt x Fnpt, Fnpt x Sw, Sw x Sw ends
- Made in Canada
- High Quality Forged
- Fire Safe Design
- Locking Handle
- Sour Service



MATERIALS LIST

PART	LOW TEMP
1 BODY	ASTM A350 LF2
2 BODY CAP	ASTM A350 LF2
3 BALL	A351 CF8M
4 STEM	A564 630 H1150M (17-4 PH)
5 SEAT	
3600 (3000 1½ + 2")	RPTFE
6000	DEVLON
HIGH TEMP	PEEK
6 THRUST WASHER	
3600 (3000 1½ + 2")	RPTFE
6000	DEVLON
HIGH TEMP	PEEK
7 PACKING	RPTFE
8 PACKING FOLLOWER	STAINLESS STEEL
9 LOCK PLATE	CAST STEEL
10 HANDLE	CAST STEEL
11 SPRING WASHER	STAINLESS STEEL
12 CAP SCREW	STAINLESS STEEL
13 HANDLE NUT	PLATED CARBON STEEL
14 BODY O-RING	VITON
14 BODY O-RING (HIGH TEMP)	RPTFE



DIMENSIONS (in/mm)

SIZE	A			B	C	D	E	F	Cv	WT (lb./kg)		
	NPT	NPT x SW	SW							NPT	NPT x SW	SW
1/4" FP	4.00	6.53	9.06	0.44	0.57	0.84	3.80	5.31	9	2.2	4.2	6.2
	101.6	165.9	230.1	11.2	14.4	21.3	96.5	134.9		1.00	1.91	2.81
3/8" FP	4.00	6.53	9.06	0.50	0.70	0.84	3.80	5.31	9	2.2	4.2	6.2
	101.6	165.9	230.1	12.7	17.8	21.3	96.5	134.9		1.00	1.91	2.81
1/2" FP	4.00	6.53	9.06	0.50	0.87	0.84	3.80	5.31	9	2.2	4.2	6.2
	101.6	165.9	230.1	12.7	22.0	21.3	96.5	134.9		1.00	1.91	2.81
3/4" RP	4.00	6.53	9.06	0.50	1.08	0.94	3.80	5.31	14	2.4	4.7	6.8
	101.6	165.9	230.1	12.7	27.3	23.9	96.5	134.9		1.09	2.13	3.08
3/4" FP	4.30	7.00	9.75	0.75	1.08	1.06	4.12	5.31	25	4.4	6.9	9.4
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	158.8	222.3	285.8	38.1	61.4	52.1	146.8	279.4		8.16	11.11	14.06
2" RP	6.25	8.75	11.25	1.50	2.42	2.05	5.78	11.00	100	18.0	24.5	31.0
	158.8	222.3	285.8	38.1	61.4	52.1	146.8	279.4		8.16	11.11	14.06

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Dimensions +/- 0.06in (1.5 mm)