

The information in this document is reviewed regularly and any necessary changes will be incorporated in the next revision.

We welcome any suggestions for improvement.

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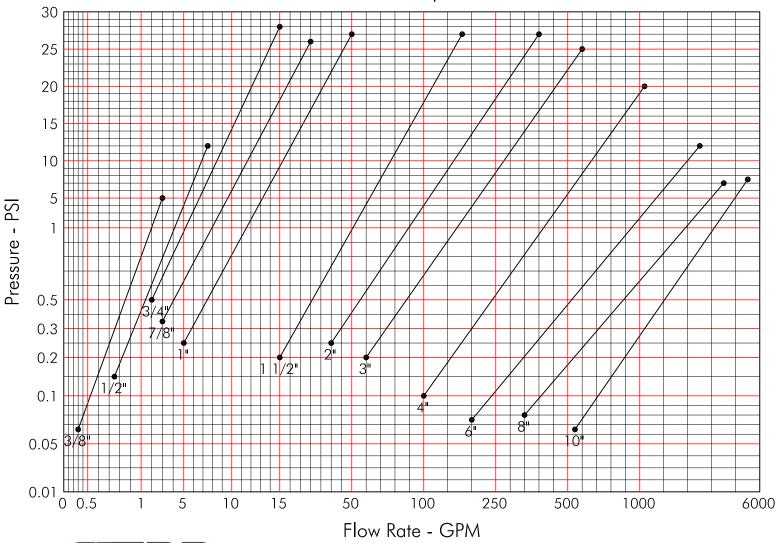


	Turbine Flow Meters Flow Range								
Síze								Max Output	
Inch	MM	GPM	ВРМ	BPD	LPM	M³/D	Pulses P/Gal	Frequency Pulses P/ Sec	
3/8	10	.3 – 3	.00707	10 – 100	1.14 – 11.36	1.6 – 16	22000	1100	
1/2	13	.75 – 7.5	.0117	25 – 250	2.84 - 28.39	4 - 40	14500	1815	
3/4	19	2 - 15	.0533	68 – 515	7.57 – 56.78	11 – 80	2950	740	
7/8	22	3 – 30	.0771	100 – 1000	11.36 – 113.56	16 – 160	2350	1175	
11	25	5 – 50	.11 - 1.19	170 – 1700	18.93 – 189.27	27 – 270	900	750	
1 1/2	38	15 – 180	.35 - 4.3	515 – 6000	56.78 - 681.35	80 – 1100	325	975	
2	51	40 - 400	.9 – 9.3	1300 – 13000	151 – 1514	210 - 2100	55	365	
3	76	60 – 600	1.4 - 14.3	2100 - 21000	227 – 2271	320 – 3200	57	570	
4	102	100 – 1200	2.4 -28.5	3400 – 41000	380 - 4542	545 - 6541	30	600	
6	152	200 – 2500	4.7 – 60	6800 – 86000	757 – 9464	1090 - 13628	7	290	
8	203	350 – 3500	8.3 - 83	12000 - 120000	1325 - 13250	1907 – 19078	3	175	
10	550	550 - 5500	13 - 130	19000 - 180000	1892 - 18926	2725 -27255	1.6	147	

M	aterial Specifications
Flow Meter Body	316 S.S. or A-286 Alloy
Support Vanes	316 S.S.
Rotor	CD4MCu
Sleeve Bearings	Tungsten Carbide
Shaft	Tungsten Carbide
Thrust Ball	Ceramic
Perfo	ormance Specifications
Repeatability	Within ±0.1% of indicated flow throughout the linear flow range
Accuracy	Within $\pm 1\%$ of reading Note $3/8'' \pm 2\%$



Pressure Drop Curves





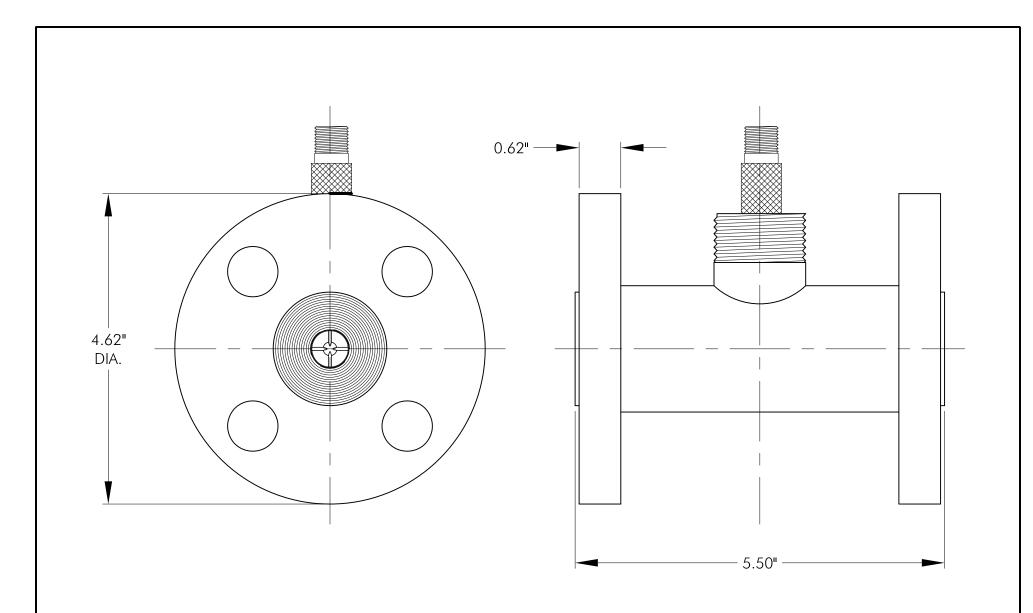




Standard Flanged Turbine Flow Meters

Electronic Data Devices offers a complete line of turbine flow meters that are available with ranges from 0.3 GPM to 5500 GPM covering a wide range of measurement applications. Our turbine flow meters are manufactured to the highest quality standards, and are available with a wide range of end connections compatible with many applications. Some of the typical applications include: oilfield waterflood, production, well servicing, pipelines, mining, chemicals, food and beverage industry, and most other liquid applications.

Standard flanged turbine flow meters are available with raised face or ring joint ANSI B16.5 rated flanges, carbon steel, 304SS or 316SS. Operating pressure will be determined by the ANSI flange series and ratings. Flanged meters are available with the following ratings 150#,300#,600#, 900# and 1500# in the following sizes 1",1.5",2",3", 4",6",8" and 10".



SPECIFICATIONS:

FLOW RATE: 2 - 15 GPM PRESSURE RATING: 720 PSI

NOTE:

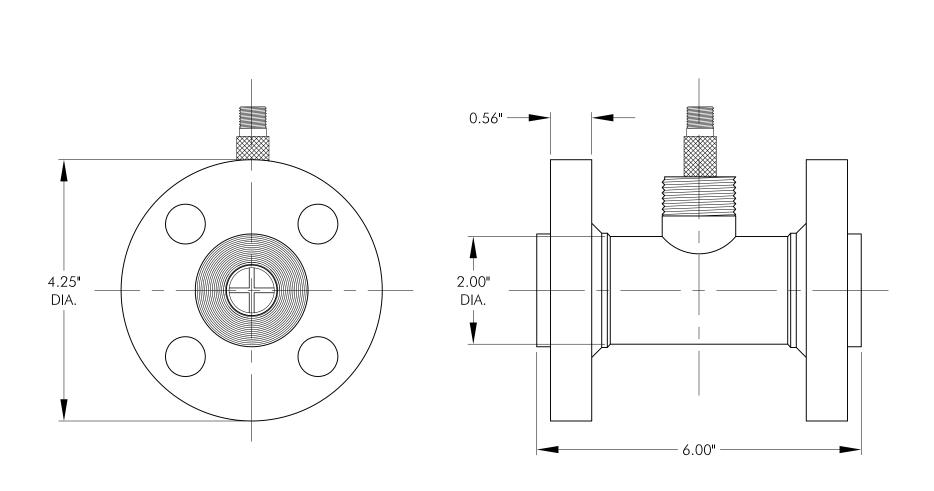
3/4" TURBINE REPAIR KIT PART NUMBER: 5.075

FLOW METER INSTALLATION DRAWING

3/4" X 3/4" FLOW METER W/ 300 SERIES RAISED FACE FLANGES, PART NO. 3.0750-300

P.O. Box 12128 Odessa, TX 79768





SPECIFICATIONS:

FLOW RATE: 5-50 GPM
PRESSURE RATING: 275 PSI

NOTE:

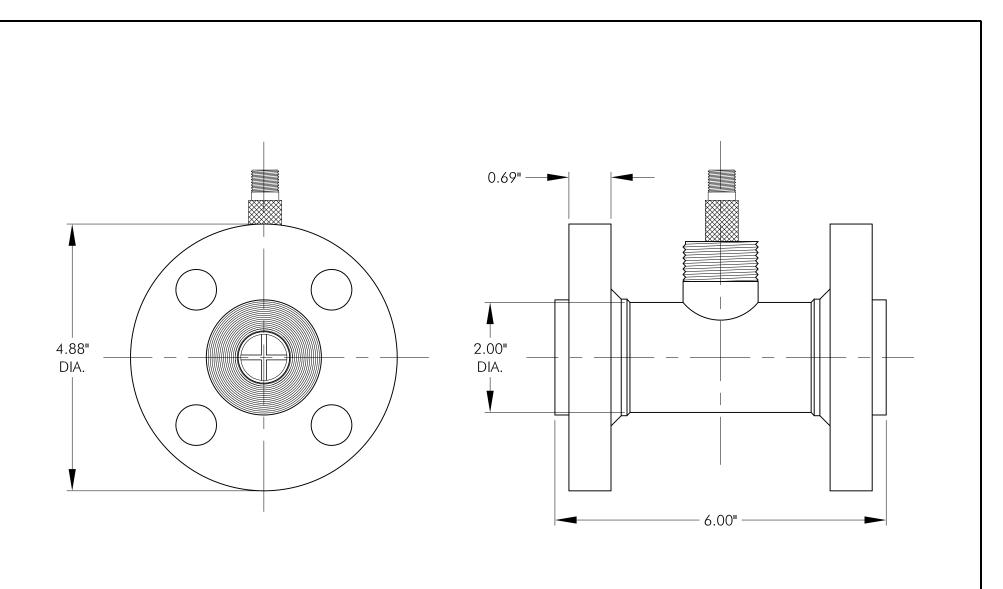
1" TURBINE REPAIR KIT PART NUMBER: 5..100

FLOW METER INSTALLATION DRAWING

1" TURBINE FLOW METER WITH 150 LBS. RAISED FACE FLANGES, PART NO. 3.1000-150

P.O. Box 12128 Odessa, TX 79768





SPECIFICATIONS:

FLOW RATE: 5-50 GPM
PRESSURE RATING: 720 PSI

NOTE:

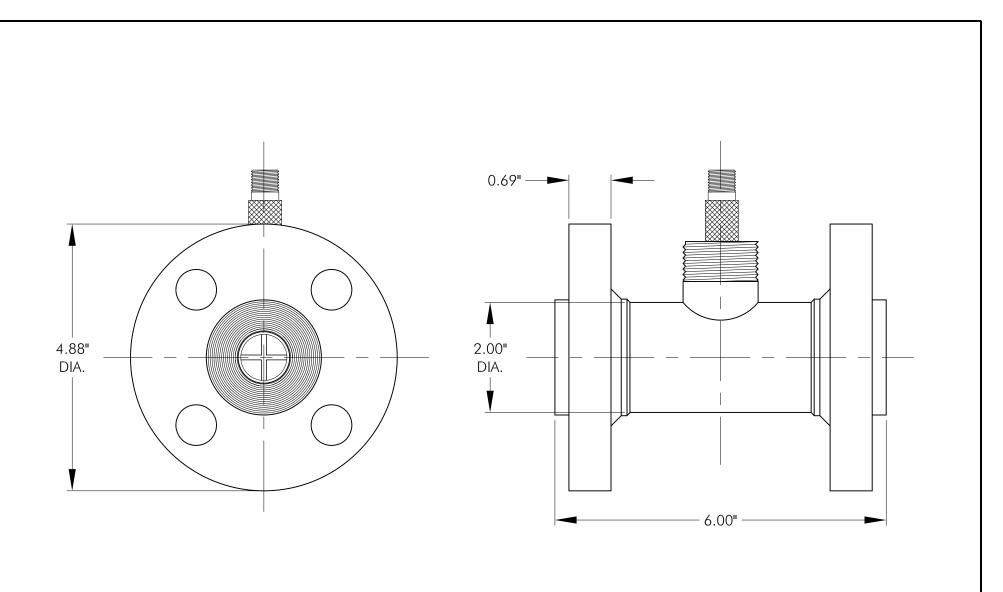
1" TURBINE REPAIR KIT PART NUMBER: 5.100

FLOW METER INSTALLATION DRAWING

1" TURBINE FLOW METER WITH 300 LBS. RAISED FACE FLANGES, PART NO. 3.1000-300

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SPECIFICATIONS:

FLOW RATE: 5-50 GPM
PRESSURE RATING: 1400 PSI

NOTE:

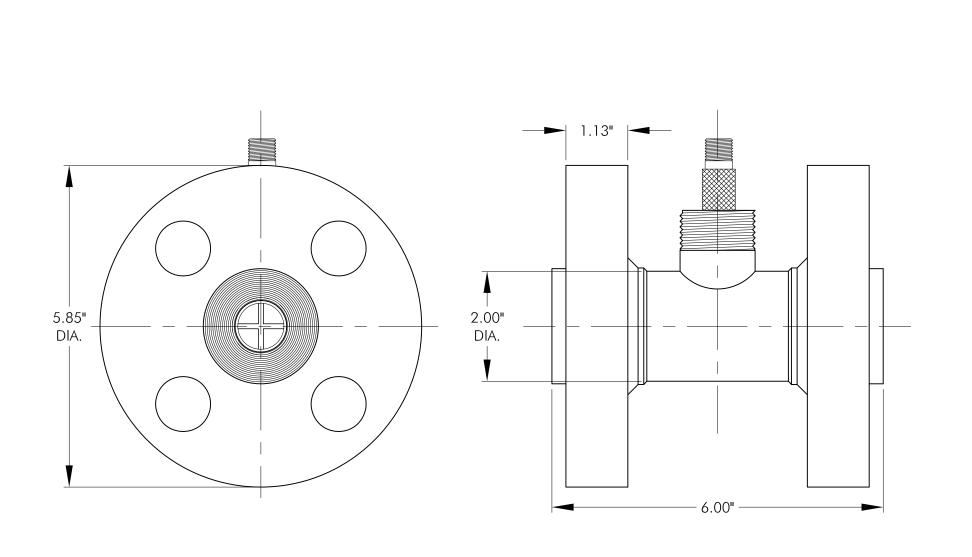
1" TURBINE REPAIR KIT PART NUMBER: 5.100

FLOW METER INSTALLATION DRAWING

1" TURBINE FLOW METER WITH 600 LBS. RAISED FACED FLANGES, PART NO. 3.1000-600

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SPECIFICATIONS:

FLOW RATE: 5-50 GPM PRESSURE RATING: 2160 PSI

NOTE:

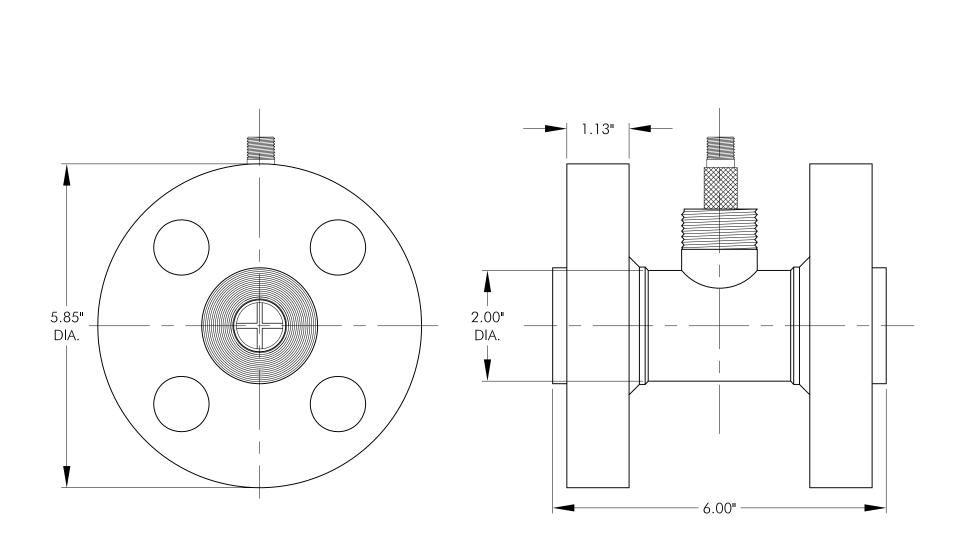
1" TURBINE REPAIR KIT PART NUMBER: 5.100

FLOW METER INSTALLATION DRAWING

1" TURBINE FLOW METER WITH 900 LBS. RAISED FACE FLANGES, PART NO. 3.1000-900

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SPECIFICATIONS:

FLOW RATE: 5-50 GPM
PRESSURE RATING: 3600 PSI

NOTE:

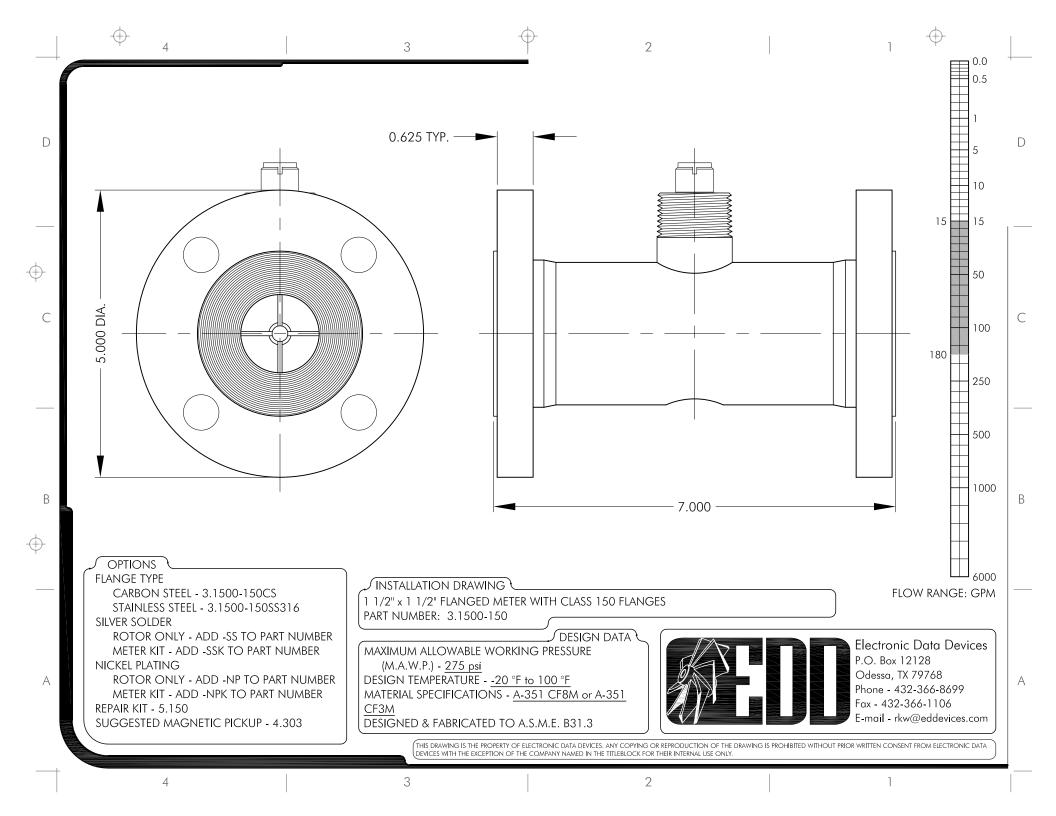
1" TURBINE REPAIR KIT PART NUMBER: 5.100

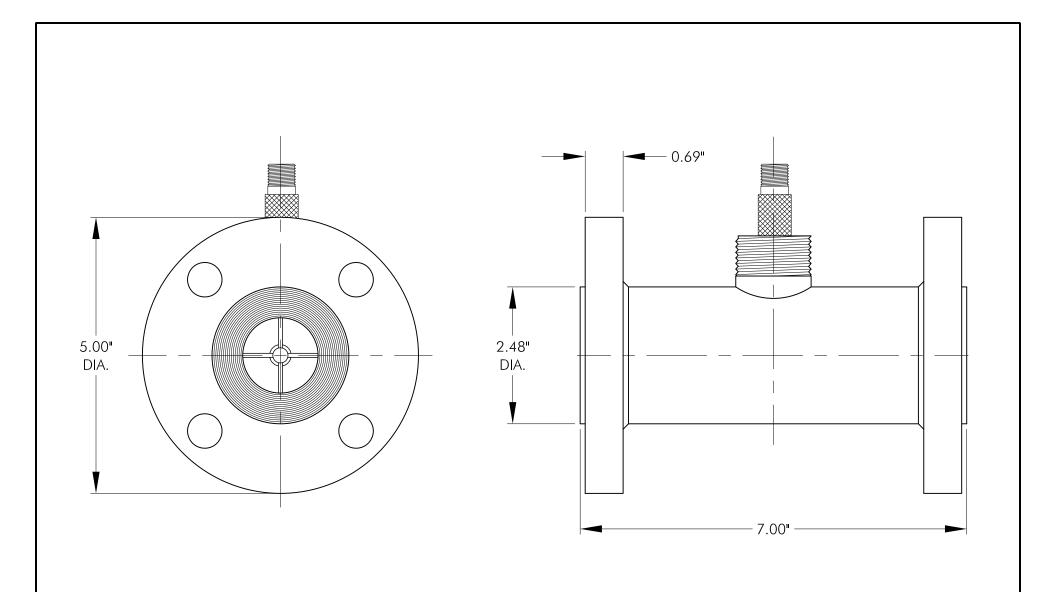
FLOW METER INSTALLATION DRAWING

1" TURBINE FLOW METER WITH 1500 LBS. RAISED FACE FLANGES, PART NO. 3.1000-1500

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SPECIFICATIONS:

FLOW RATE: 15-180 GPM PRESSURE RATING: 275 PSI

NOTE:

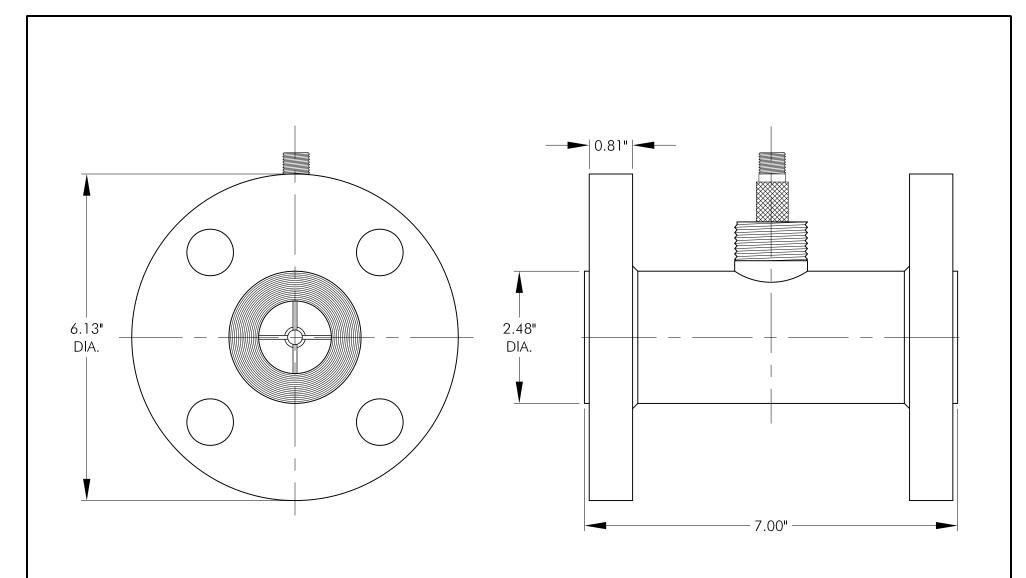
1.5" TURBINE REPAIR KIT PART NUMBER: 5.150

FLOW METER INSTALLATION DRAWING

1.5" TURBINE FLOW METER WITH 150LBS. RAISED FACED FLANGES, PART NO. 3.1500-150

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SPECIFICATIONS:

FLOW RATE: 15-180 GPM PRESSURE RATING: 720 PSI

NOTE:

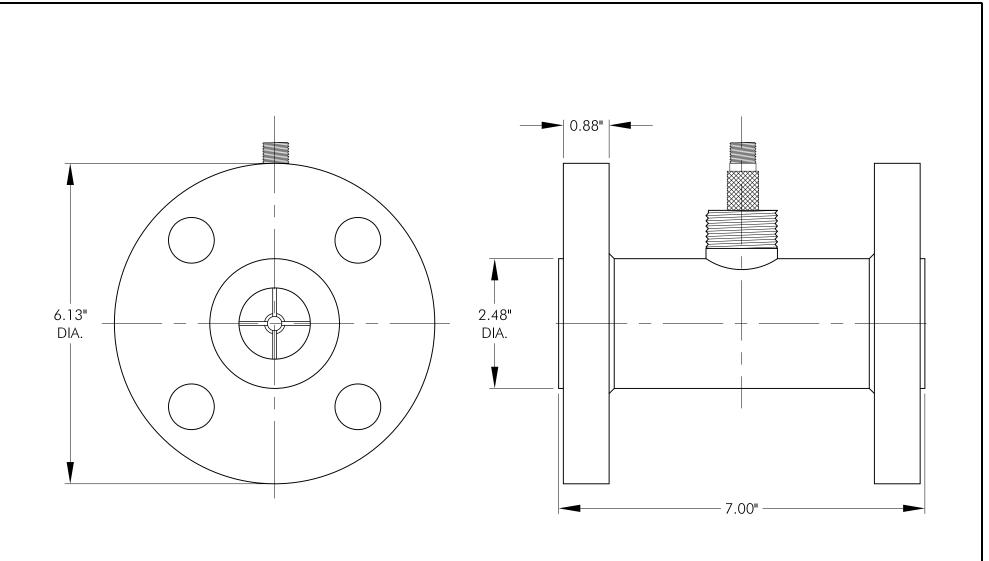
1.5" TURBINE REPAIR KIT PART NUMBER: 5.150

FLOW METER INSTALLATION DRAWING

1.5" TURBINE FLOW METER WITH 300 LBS. RAISED FACE FLANGES, PART NO. 3.1500-300

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SPECIFICATIONS:

FLOW RATE: 15-180 GPM
PRESSURE RATING: 1440 PSI

NOTE:

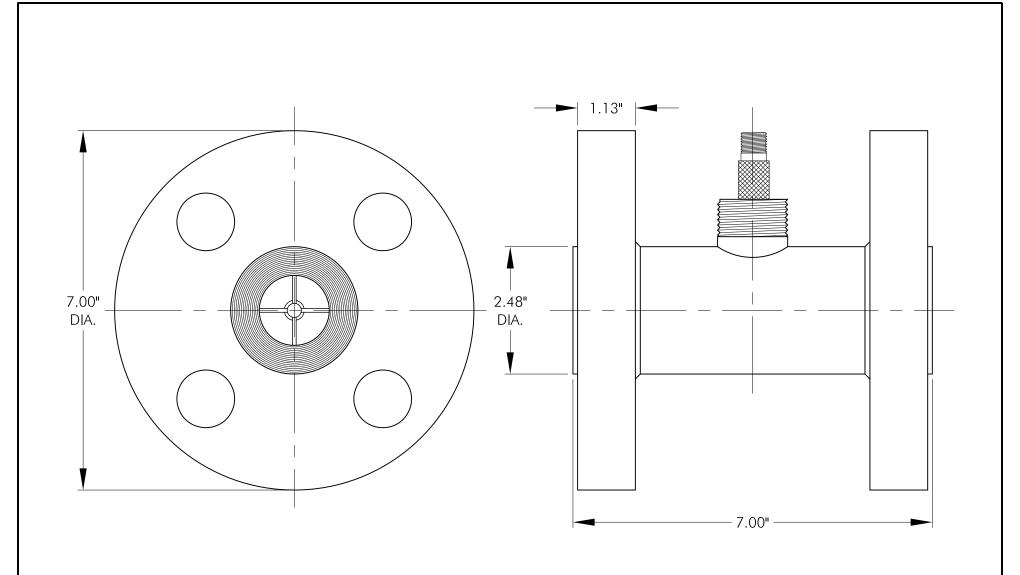
1.5" TURBINE REPAIR KIT PART NUMBER: 5.150

FLOW METER INSTALLATION DRAWING

1.5" TURBINE FLOW METER WITH 600 LBS. RAISED FACE FLANGES, PART NO. 3.1500-600

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SPECIFICATIONS:

FLOW RATE: 15-180 GPM PRESSURE RATING: 2160 PSI

NOTE:

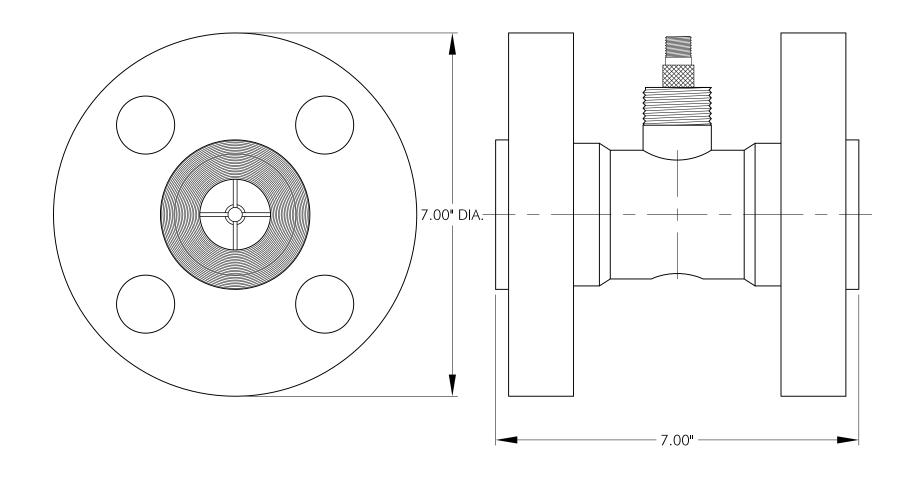
1.5" TURBINE REPAIR KIT PART NUMBER: 5.150

FLOW METER INSTALLATION DRAWING

1.5" TURBINE FLOW METER WITH 900 LBS. RAISED FACE FLANGES, PART NO. 3.1500-900

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SPECIFICATIONS:

FLOW RATE: 15-180 GPM PRESSURE RATING: 3600 PSI

NOTE:

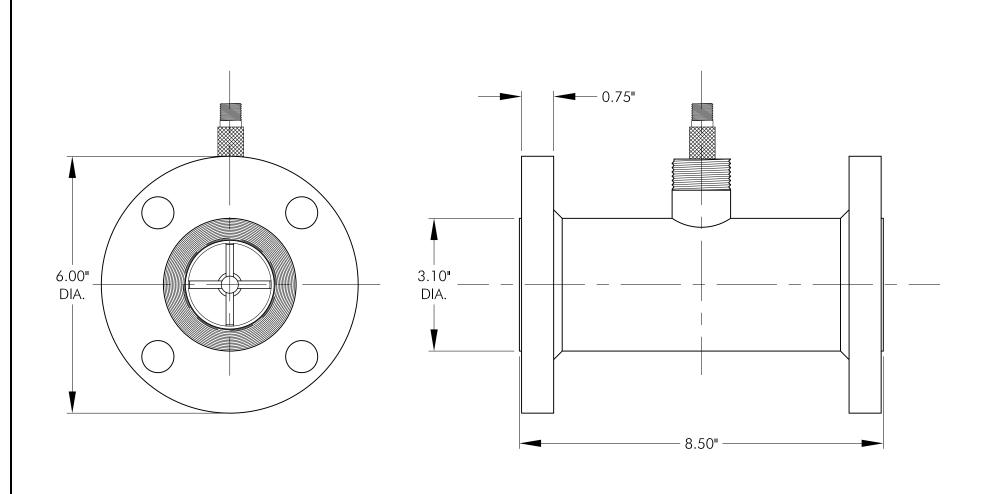
1.5" TURBINE REPAIR KIT PART NUMBER: 5.150

FLOW METER INSTALLATION DRAWING

1.5" TURBINE FLOW METER WITH 1500 LBS. RAISED FACE FLANGES, PART NO. 3.1500-1500

P.O. Box 12128 Odessa, TX 79768





SPECIFICATIONS:

FLOW RATE: 40-400 GPM PRESSURE RATING: 275 PSI

NOTE:

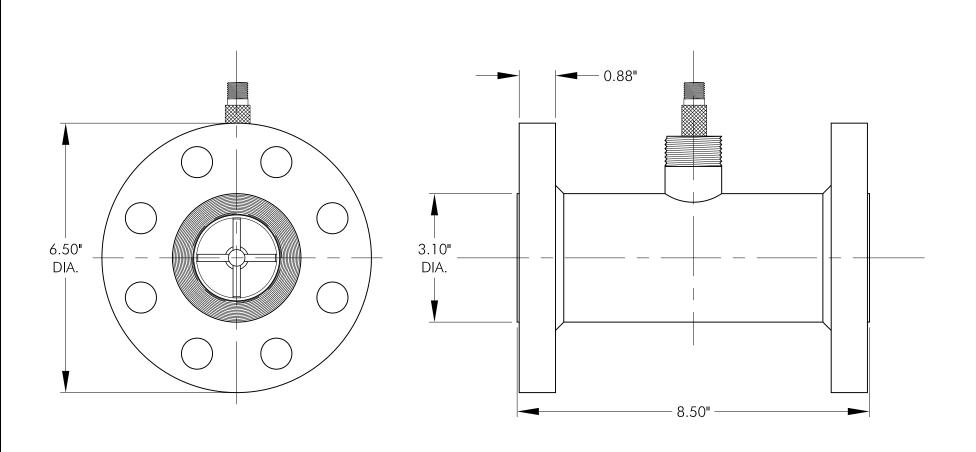
2" TURBINE REPAIR KIT PART NUMBER: 5.250

FLOW METER INSTALLATION DRAWING

2" TURBINE FLOW METER WITH 150 LBS. RAISED FACE FLANGES, PART NO. 3.2000-150

P.O. Box 12128 Odessa, TX 79768





SPECIFICATIONS:

FLOW RATE: 40-400 GPM PRESSURE RATING: 720 PSI

NOTE:

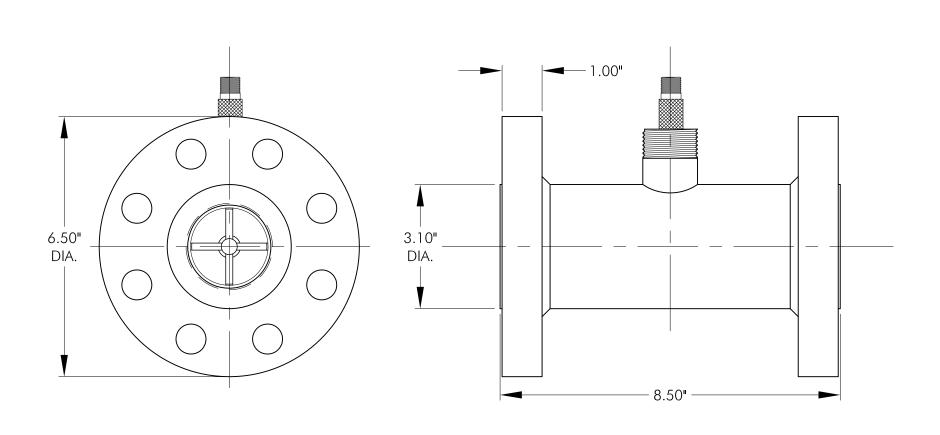
2" TURBINE REPAIR KIT PART NUMBER: 5.250

FLOW METER INSTALLATION DRAWING

2" TURBINE FLOW METER WITH 300 LBS. RAISED FACE FLANGES, PART NO. 3.2000-300

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SPECIFICATIONS:

FLOW RATE: 40-400 GPM PRESSURE RATING: 1400 PSI

NOTE:

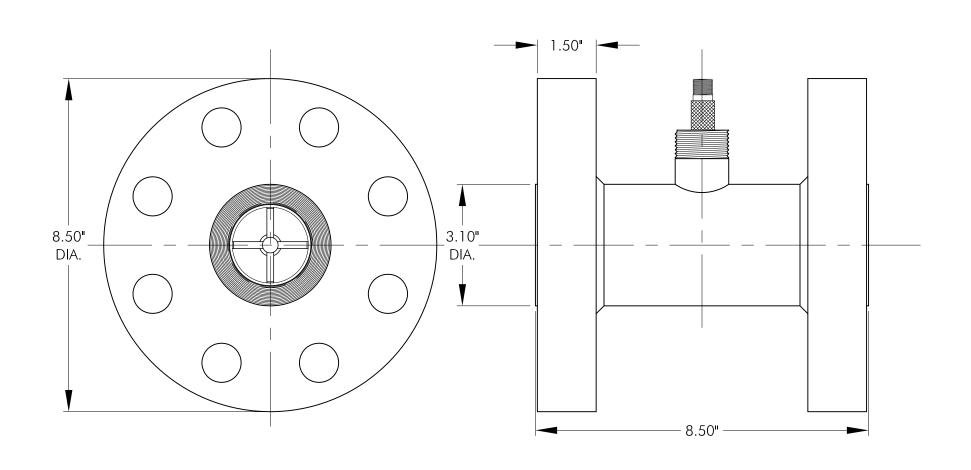
2" TURBINE REPAIR KIT PART NUMBER: 5.250

FLOW METER INSTALLATION DRAWING

2" TURBINE FLOW METER WITH 600 LBS. RAISED FACE FLANGES, PART NO. 3.2000-600

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SPECIFICATIONS:

FLOW RATE: 40-400 GPM PRESSURE RATING: 2160 PSI

NOTE:

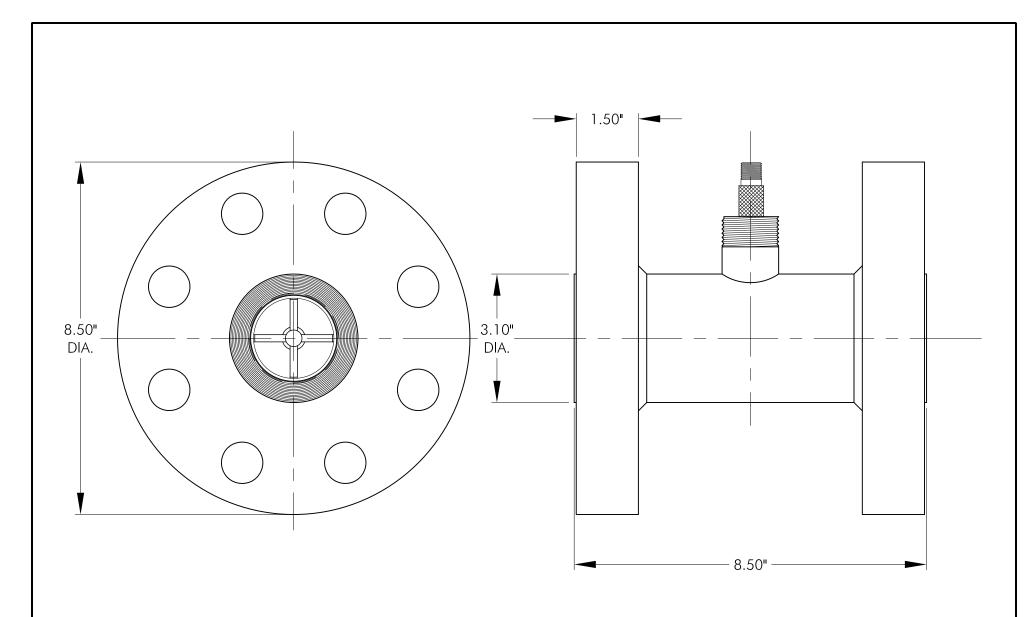
2" TURBINE REPAIR KIT PART NUMBER: 5.250

FLOW METER INSTALLATION DRAWING

2" TURBINE FLOW METER WITH 900 LBS. RAISED FACE FLANGES, PART NO. 3.2000-900

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SPECIFICATIONS:

FLOW RATE: 40-400 GPM PRESSURE RATING: 3600 PSI

NOTE:

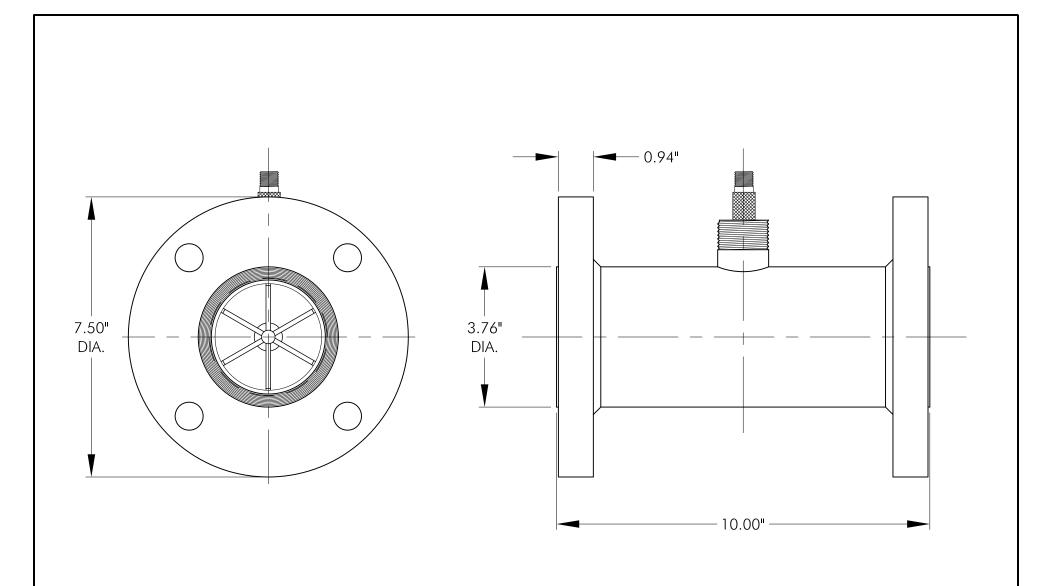
2" TURBINE REPAIR KIT PART NUMBER: 5.250

FLOW METER INSTALLATION DRAWING

2" TURBINE FLOW METER WITH 1500 LBS. RAISED FACE FLANGES, PART NO. 3.2000-1500

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SPECIFICATIONS:

FLOW RATE: 60-600 GPM PRESSURE RATING: 275 PSI

NOTE:

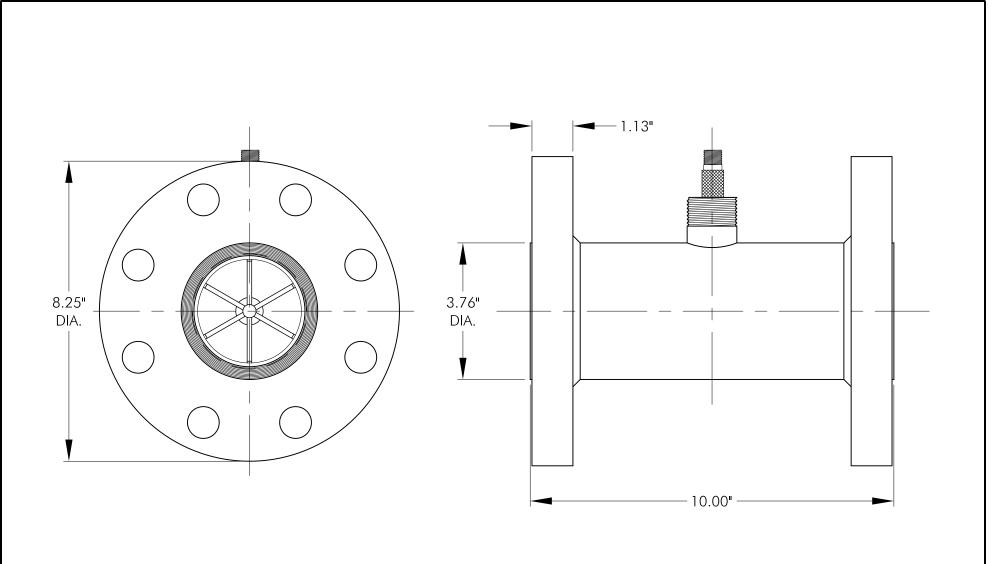
3" TURBINE REPAIR KIT PART NUMBER: 5.350

FLOW METER INSTALLATION DRAWING

3" TURBINE FLOW METER WITH 150 LBS. RAISED FACE FLANGES, PART NO. 3.3000-150

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SPECIFICATIONS:

FLOW RATE: 60-600 GPM PRESSURE RATING: 720 PSI

NOTE:

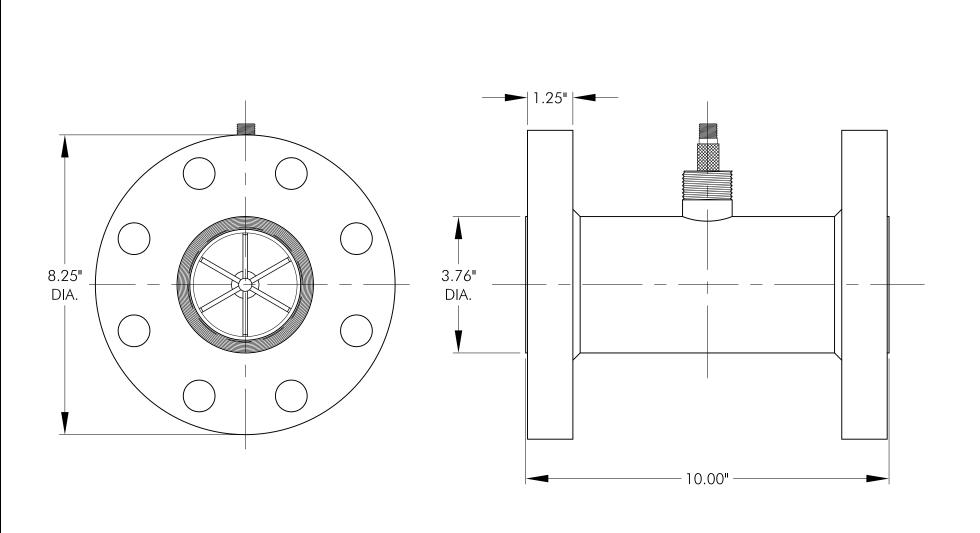
3" TURBINE REPAIR KIT PART NUMBER: 5.350

FLOW METER INSTALLATION DRAWING

3" TURBINE FLOW METER WITH 300 LBS. RAISED FACE FLANGES, PART NO. 3.3000-300

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SPECIFICATIONS:

FLOW RATE: 60-600 GPM PRESSURE RATING: 1440 PSI

NOTE:

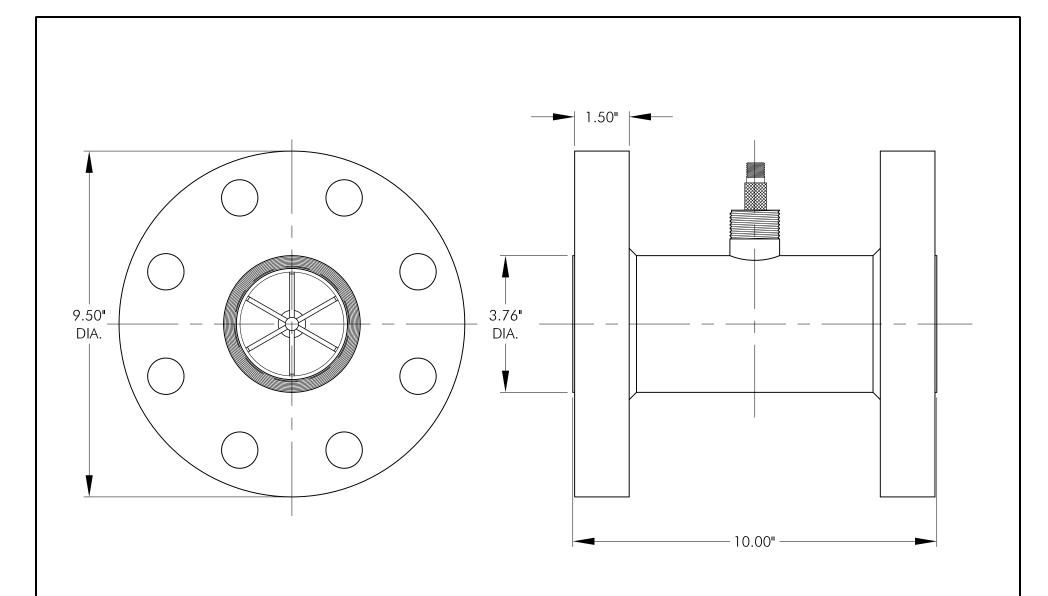
3" TURBINE REPAIR KIT PART NUMBER: 5.350

FLOW METER INSTALLATION DRAWING

3" TURBINE FLOW METER WITH 600 LBS. RAISED FACE FLANGES, PART NO. 3.3000-600

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SPECIFICATIONS:

FLOW RATE: 60-600 GPM PRESSURE RATING: 2160 PSI

NOTE:

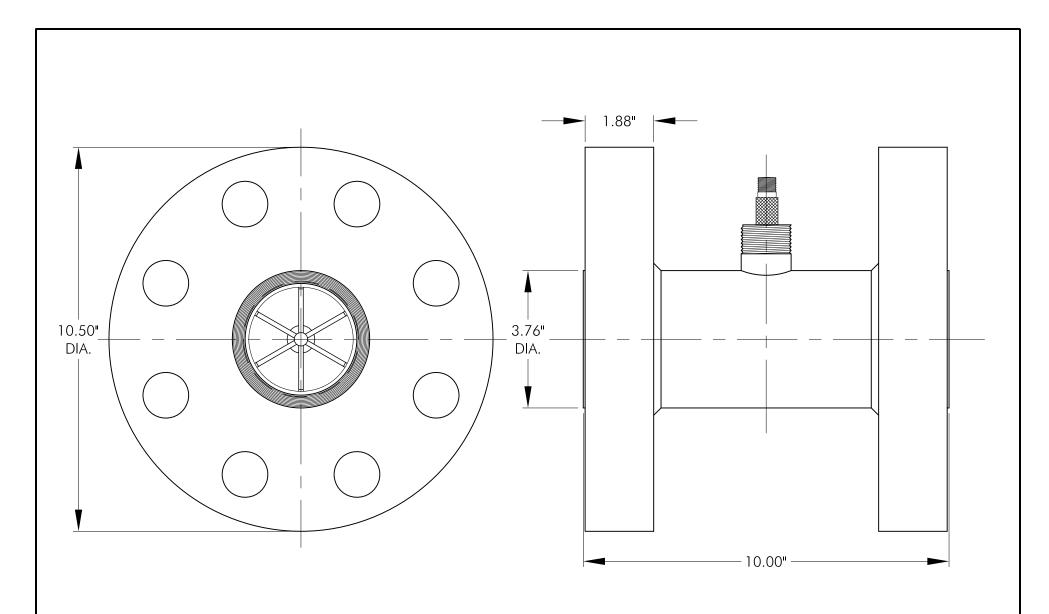
3" TURBINE REPAIR KIT PART NUMBER: 5.350

FLOW METER INSTALLATION DRAWING

3" TURBINE FLOW METER WITH 900 LBS. RAISED FACE FLANGES, PART NO. 3.3000-900

P.O. Box 12128 Odessa, TX 79768





SPECIFICATIONS:

FLOW RATE: 60-600 GPM PRESSURE RATING: 3600 PSI

NOTE:

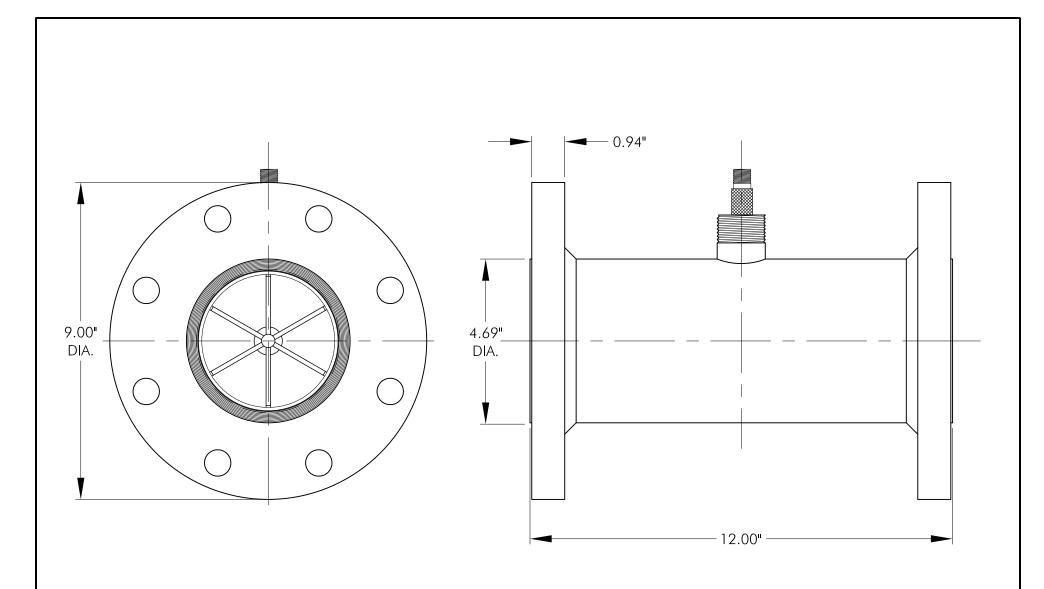
3" TURBINE REPAIR KIT PART NUMBER: 5.350

FLOW METER INSTALLATION DRAWING

3" TURBINE FLOW METER WITH 1500 LBS. RAISED FACE FLANGES, PART NO. 3.3000-1500

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SPECIFICATIONS:

FLOW RATE: 100-1200 GPM PRESSURE RATING: 275 PSI

NOTE:

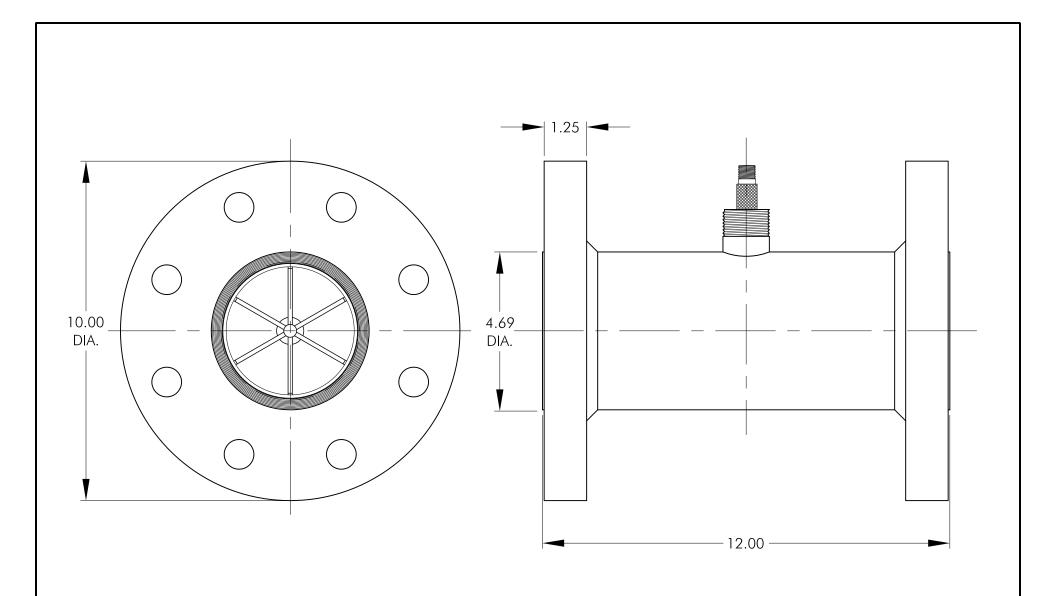
4" TURBINE REPAIR KIT PART NUMBER: 5.450

FLOW METER INSTALLATION DRAWING

4" TURBINE FLOW METER WITH 150 LBS. RAISED FACE FLANGES, PART NO. 3.4000-150

P.O. Box 12128 Odessa, TX 79768





SPECIFICATIONS:

FLOW RATE: 100-1200 GPM PRESSURE RATING: 720 PSI

NOTE:

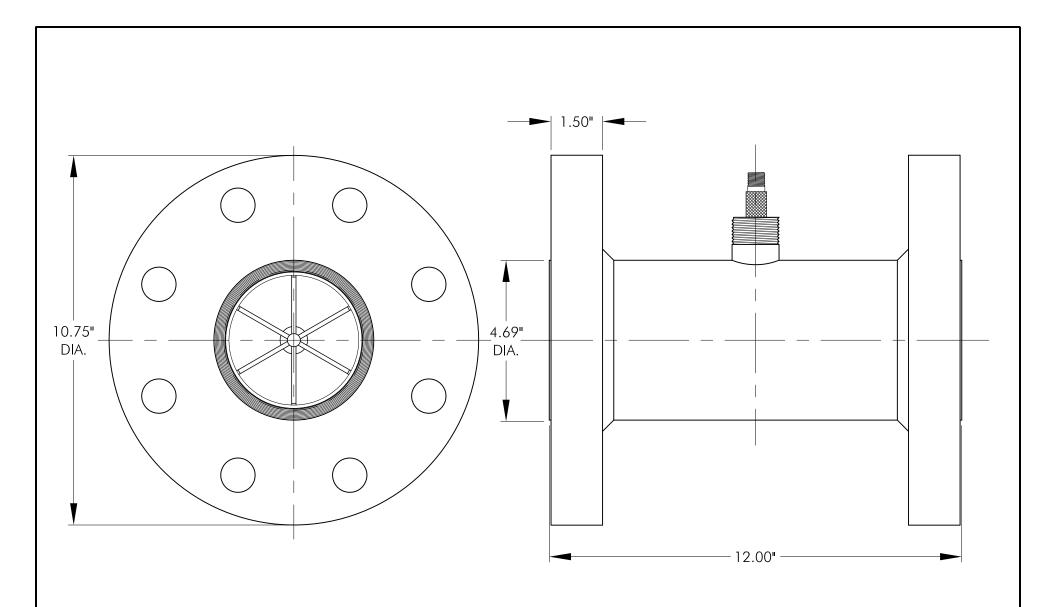
4" TURBINE REPAIR KIT PART NUMBER: 5.450

FLOW METER INSTALLATION DRAWING

4" TURBINE FLOW METER WITH 300 LBS. RAISED FACE FLANGES, PART NO. 3.4000-300SS316

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SPECIFICATIONS:

FLOW RATE: 100-1200 GPM PRESSURE RATING: 1440 PSI

NOTE:

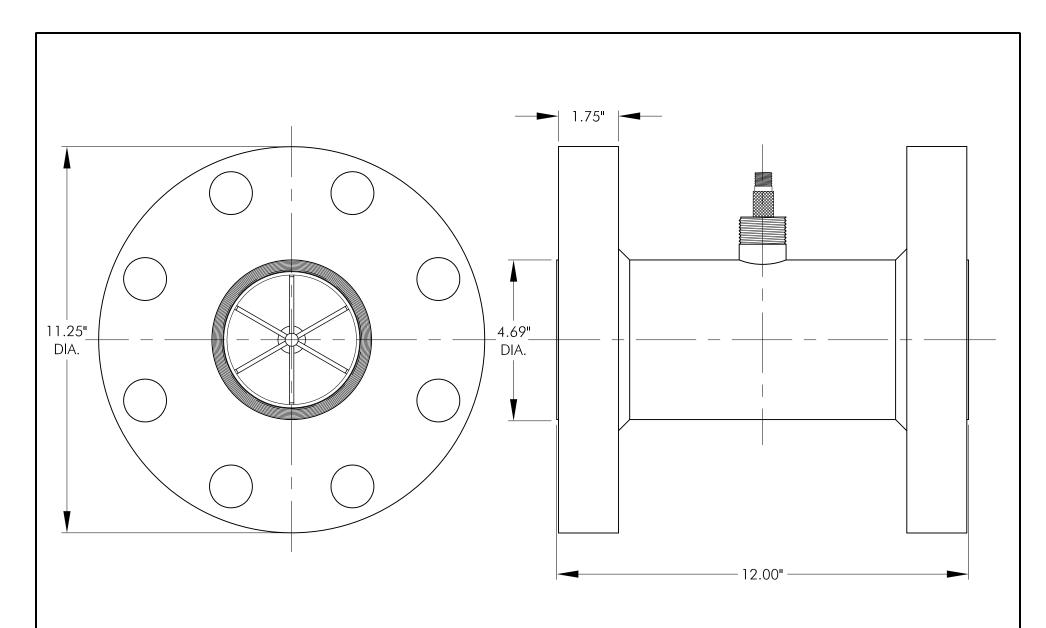
4" TURBINE REPAIR KIT PART NUMBER: 5.450

FLOW METER INSTALLATION DRAWING

4" TURBINE FLOW METER WITH 600 LBS. RAISED FACE FLANGES, PART NO. 3.4000-600

P.O. Box 12128 Odessa, TX 79768





SPECIFICATIONS:

FLOW RATE: 100-1200 GPM PRESSURE RATING: 2160 PSI

NOTE:

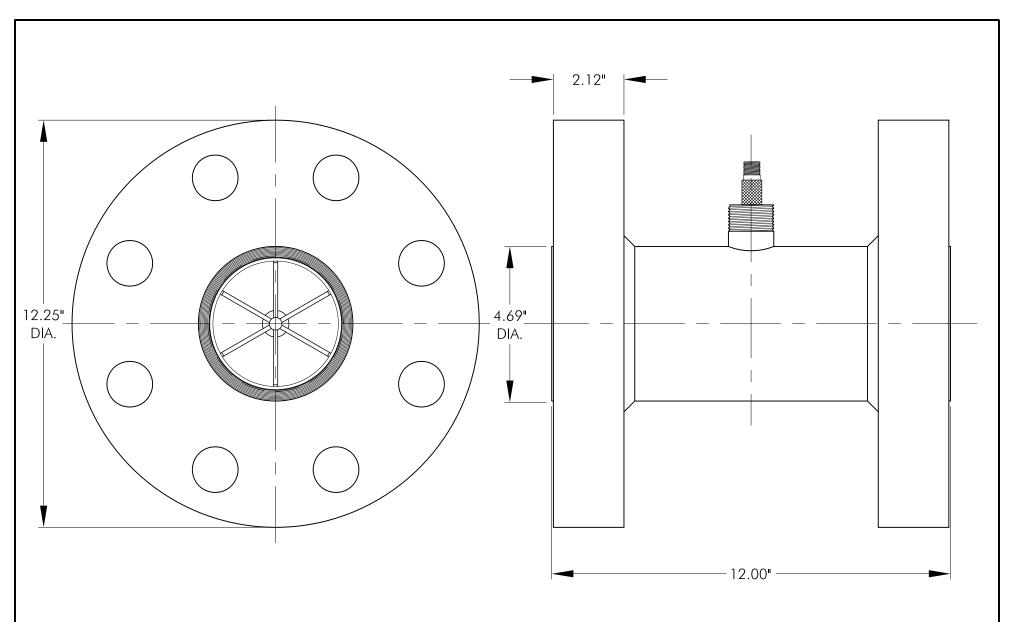
4" TURBINE REPAIR KIT PART NUMBER: 5.450

FLOW METER INSTALLATION DRAWING

4" TURBINE FLOW METER WITH 900 LBS. RAISED FACE FLANGES, PART NO. 3.4000-900

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SPECIFICATIONS:

FLOW RATE: 100-1200 GPM PRESSURE RATING: 3600 PSI

NOTE:

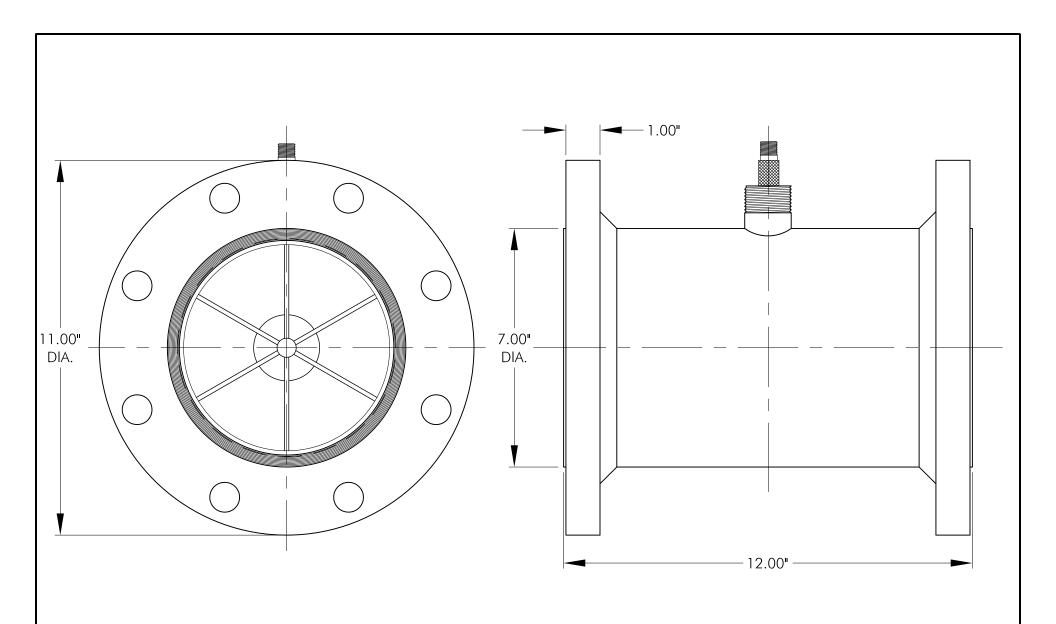
4" TURBINE REPAIR KIT PART NUMBER: 5.450

FLOW METER INSTALLATION DRAWING

4" TURBINE FLOW METER WITH 1500 LBS. RAISED FACE FLANGES, PART NO. 3.4000-1500

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SPECIFICATIONS:

FLOW RATE: 200-2500 GPM PRESSURE RATING: 275 PSI

NOTE:

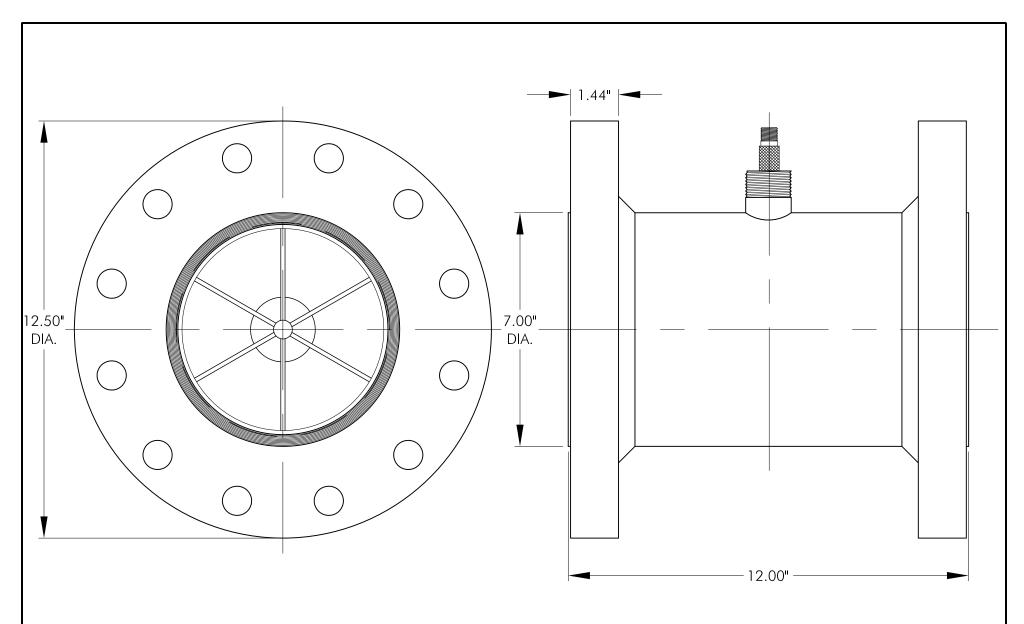
6" TURBINE REPAIR KIT PART NUMBER: 5.650

FLOW METER INSTALLATION DRAWING

6" TURBINE FLOW METER WITH 150 LBS. RAISED FACE FLANGES, PART NO. 3.6000-150

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SPECIFICATIONS:

FLOW RATE: 200-2500 GPM PRESSURE RATING: 720 PSI

NOTE:

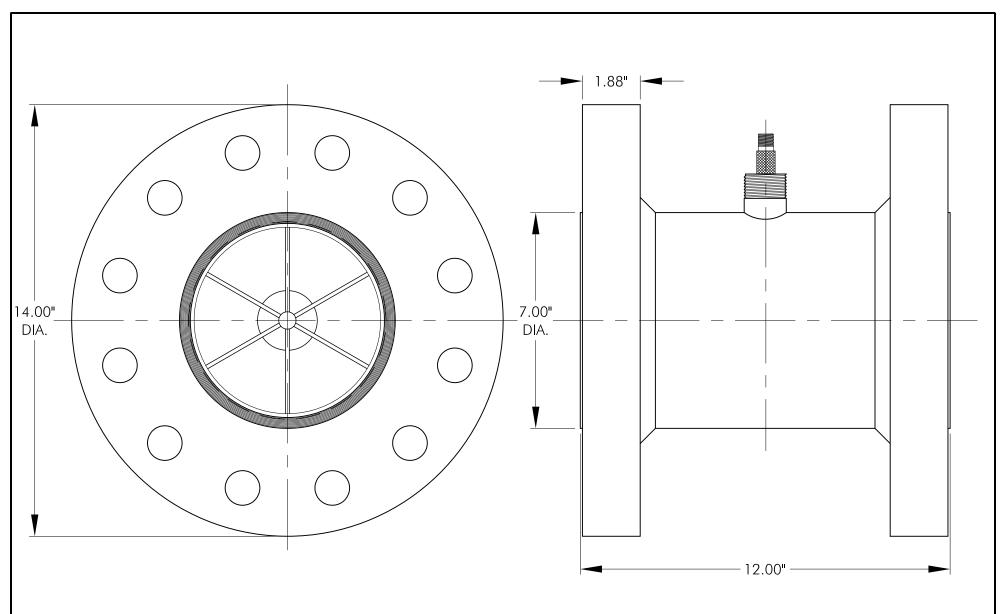
6" TURBINE REPAIR KIT PART NUMBER: 5.650

FLOW METER INSTALLATION DRAWING

6" TURBINE FLOW METER WITH 300 LBS. RAISED FACE FLANGES, PART NO. 3.6000-300

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SPECIFICATIONS:

FLOW RATE: 200-2500 GPM PRESSURE RATING: 1440 PSI

NOTE:

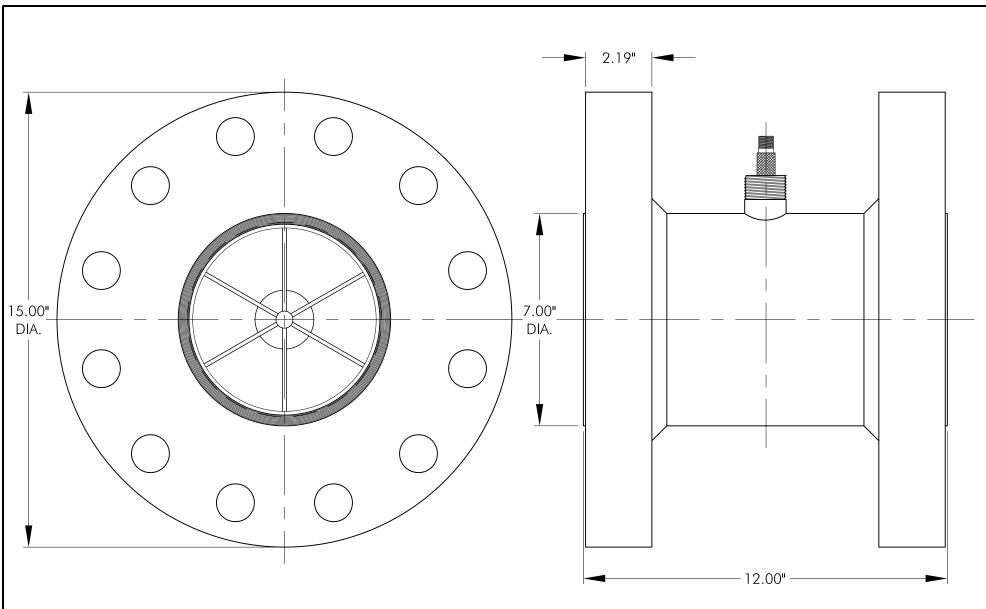
6" TURBINE REPAIR KIT PART NUMBER: 5.650

FLOW METER INSTALLATION DRAWING

6" TURBINE FLOW METER WITH 600 LBS. RAISED FACE FLANGES, PART NO. 3.6000-600

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SPECIFICATIONS:

FLOW RATE: 200-2500 GPM PRESSURE RATING: 2160 PSI

NOTE:

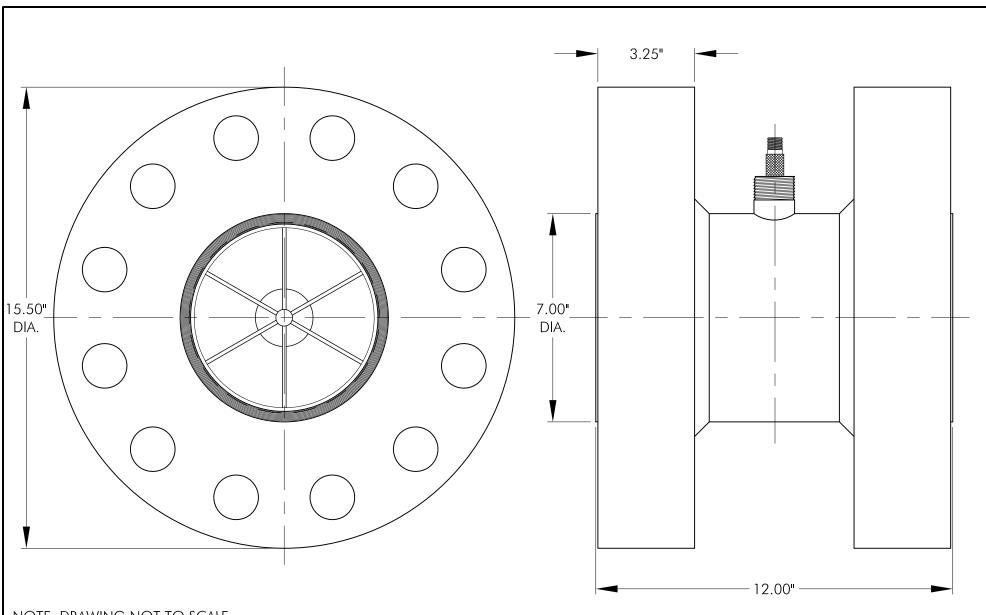
6" TURBINE REPAIR KIT PART NUMBER: 5.650

FLOW METER INSTALLATION DRAWING

6" Turbine flow meter with 900 lbs. Raised face flanges, part no. 3.6000-900

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SPECIFICATIONS:

FLOW RATE: 200-2500 GPM PRESSURE RATING: 3600 PSI

NOTE:

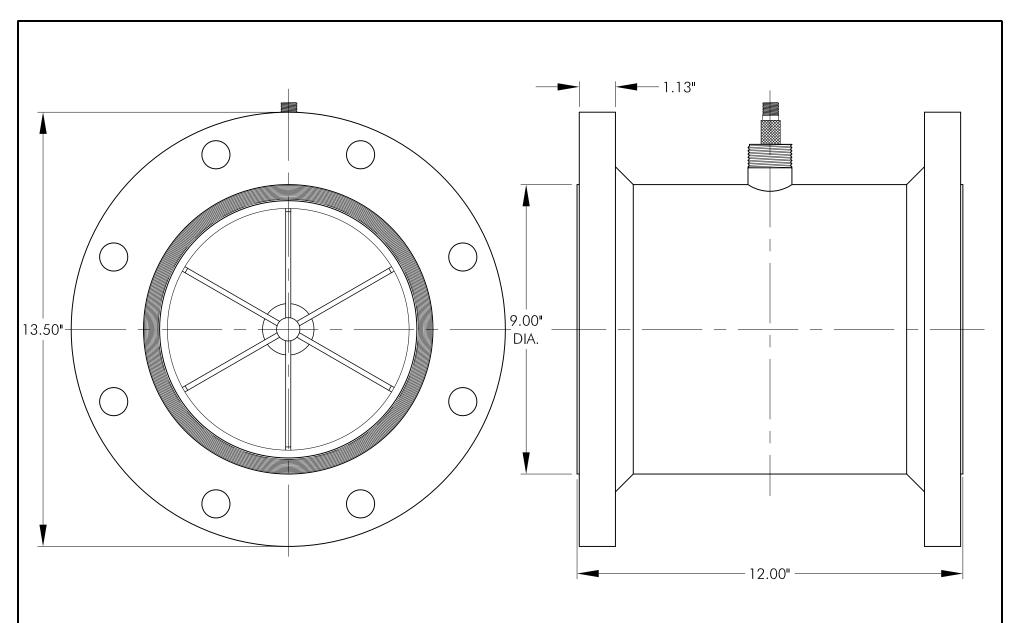
6" TURBINE REPAIR KIT PART NUMBER: 5.650

FLOW METER INSTALLATION DRAWING

6" TURBINE FLOW METER WITH 1500 LBS. RAISED FACE FLANGES, PART NO. 3.6000-1500

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SPECIFICATIONS:

FLOW RATE: 350-3500 GPM PRESSURE RATING: 275 PSI

NOTE:

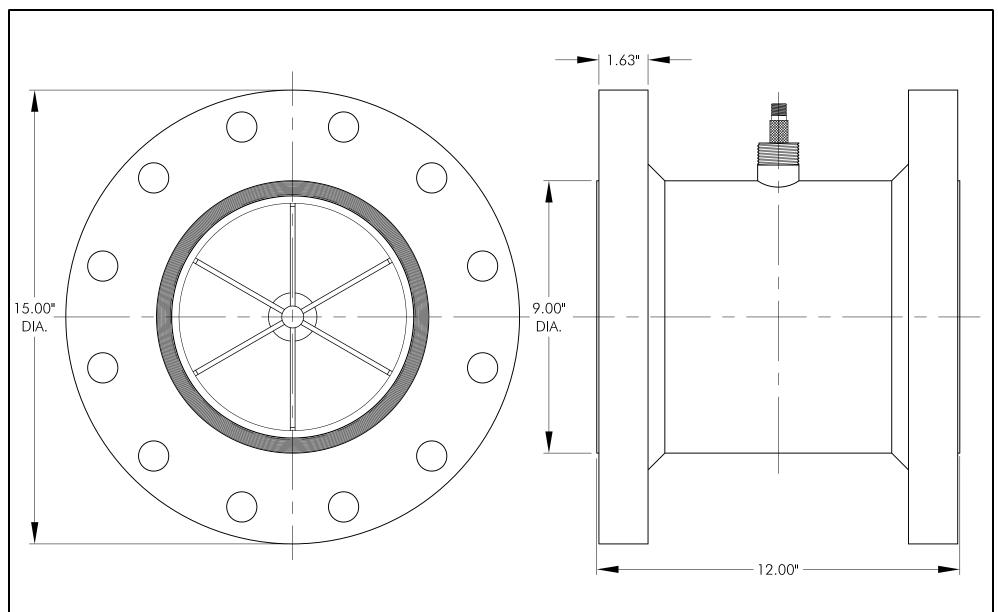
8" TURBINE REPAIR KIT PART NUMBER: 5.850

FLOW METER INSTALLATION DRAWING

8" TURBINE FLOW METER WITH 150 LBS. RAISED FACE FLANGES, PART NO. 3.8000-150

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SPECIFICATIONS:

FLOW RATE: 350-3500 GPM PRESSURE RATING: 720 PSI

NOTE:

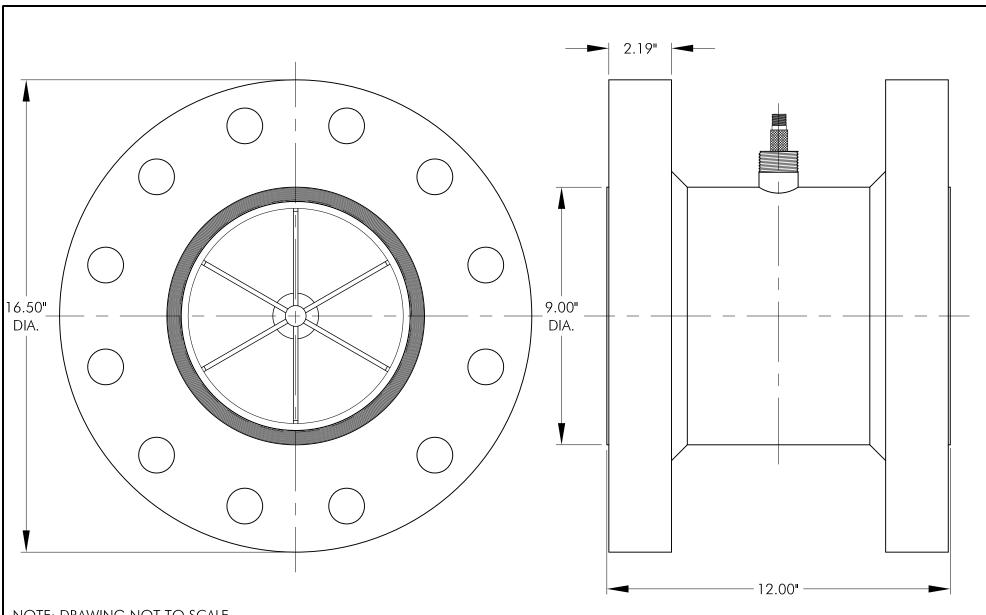
8" TURBINE REPAIR KIT PART NUMBER: 5.850

FLOW METER INSTALLATION DRAWING

8" TURBINE FLOW METER WITH 300 LBS. RAISED FACE FLANGES, PART NO. 3.8000-300

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SPECIFICATIONS:

FLOW RATE: 350-3500 GPM PRESSURE RATING: 1440 PSI

NOTE:

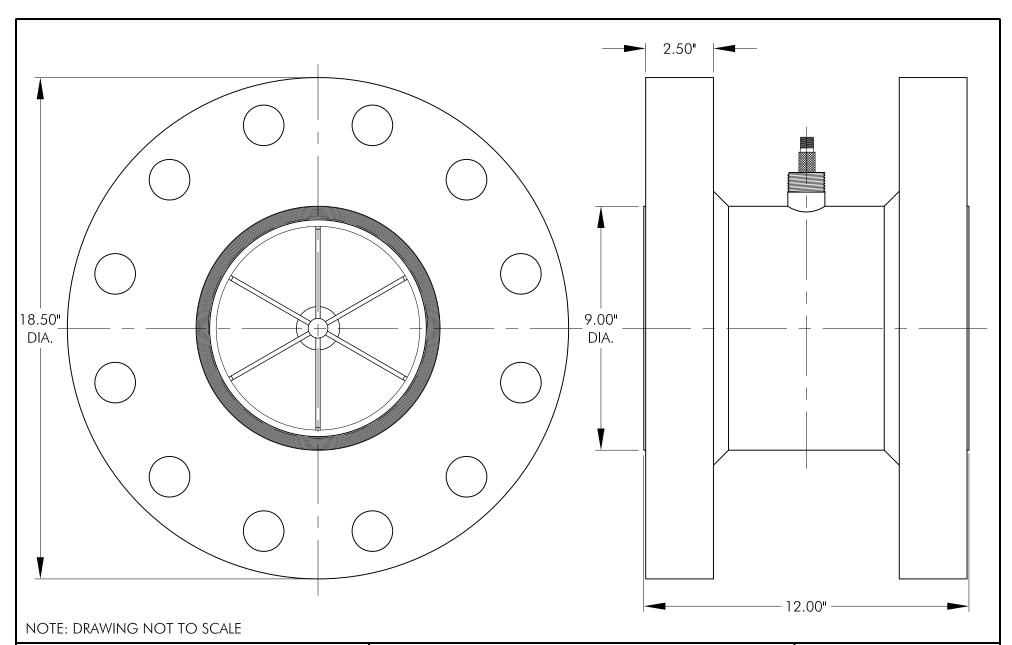
8" TURBINE REPAIR KIT PART NUMBER: 5.850

FLOW METER INSTALLATION DRAWING

8" TURBINE FLOW METER WITH 600 LBS. RAISED FACE FLANGES, PART NO. 3.8000-600

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SPECIFICATIONS:

FLOW RATE: 350-3500 GPM PRESSURE RATING: 2160 PSI

NOTE:

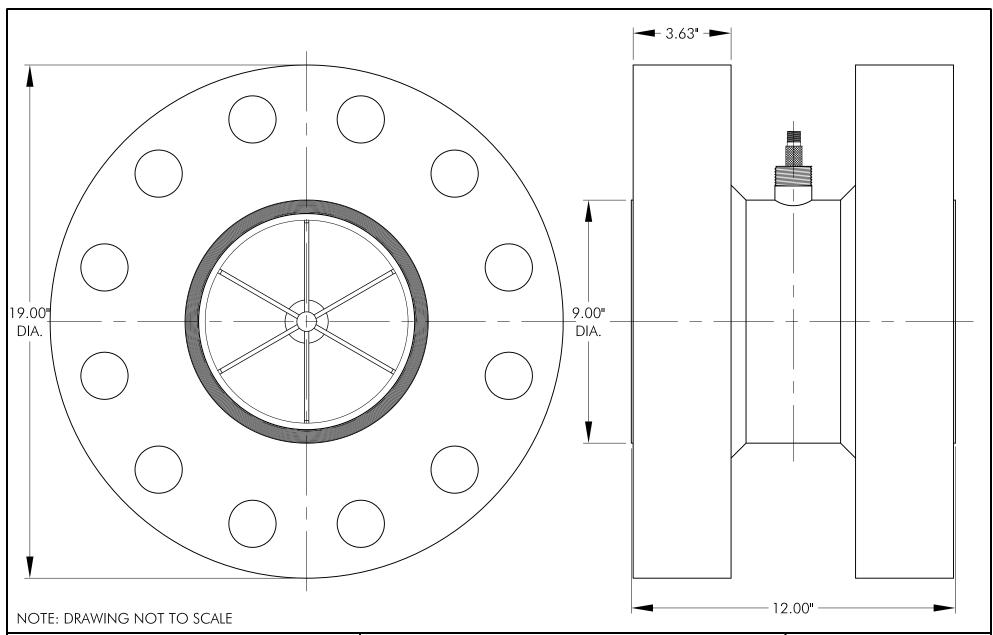
8" TURBINE REPAIR KIT PART NUMBER: 5.850

FLOW METER INSTALLATION DRAWING

8" TURBINE FLOW METER WITH 900 LBS. RAISED FACE FLANGES, PART NO. 3.8000-900

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SPECIFICATIONS:

FLOW RATE: 350-3500 GPM PRESSURE RATING: 3600 PSI

NOTE:

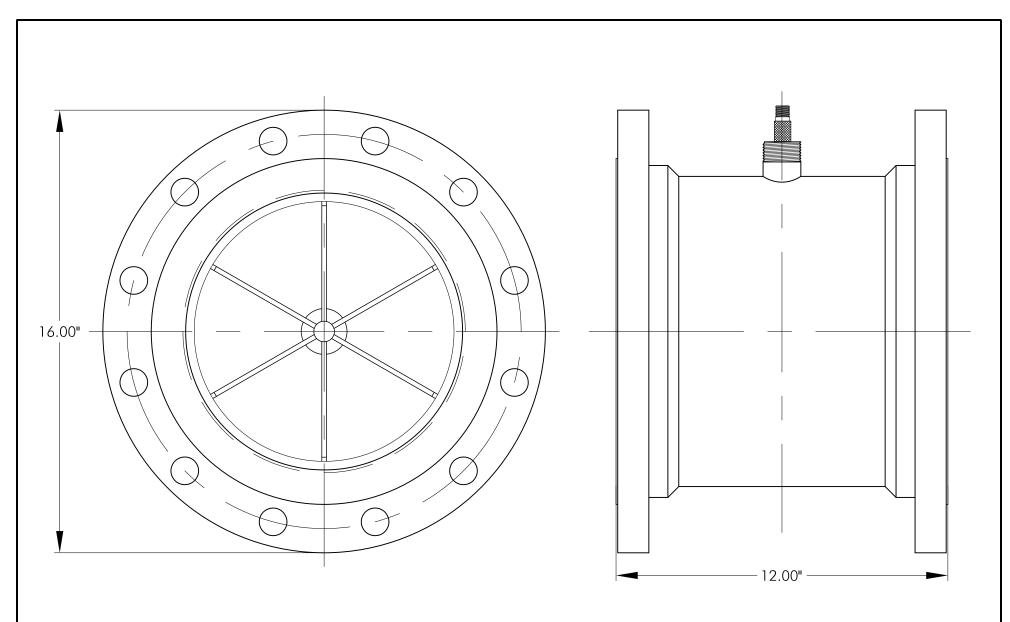
8" TURBINE REPAIR KIT PART NUMBER: 5.850

FLOW METER INSTALLATION DRAWING

8" TURBINE FLOW METER WITH 1500 LBS. RAISED FACE FLANGES, PART NO. 3.8000-1500

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SPECIFICATIONS:

FLOW RATE: 550-5500 GPM PRESSURE RATING: 275 PSI

NOTE:

10" TURBINE REPAIR KIT PART NUMBER: 5.1050

FLOW METER INSTALLATION DRAWING

10" x 10" TURBINE FLOW METER WITH 150 SERIES FLANGES, PART NO. 3.10000-150

P.O. Box 12128 Odessa, TX 79768



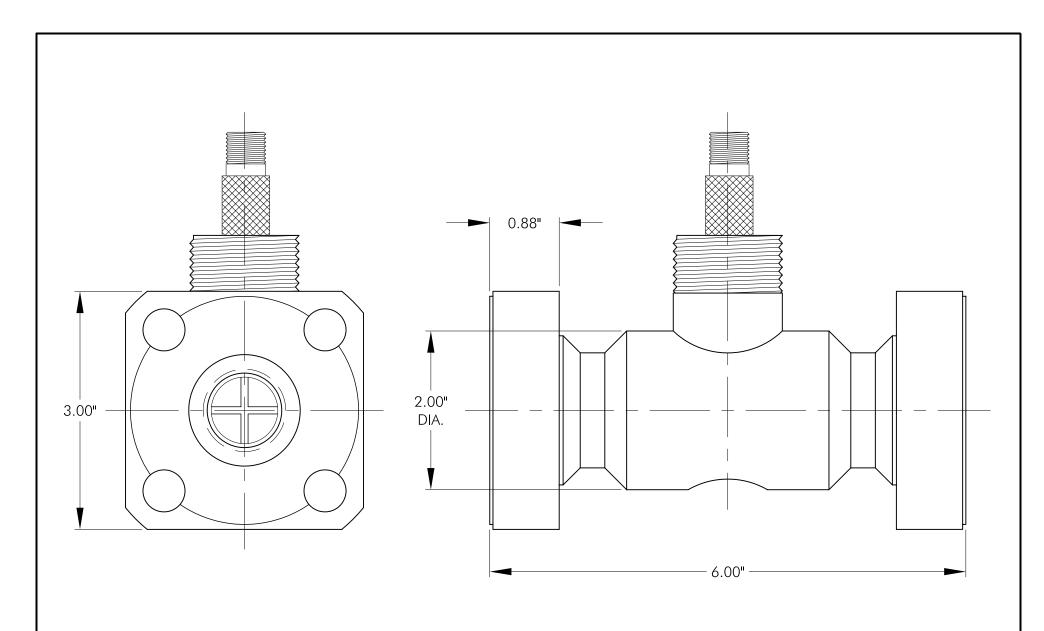




Square Flanged Turbine Flow Meters

Electronic Data Devices offers a line of turbine flow meters that are available with ranges from 5 GPM to 400 GPM covering a wide range of measurement applications. Our turbine flow meters are manufactured to the highest quality standards. Some of the typical applications include: oilfield waterflood, production, well servicing, pipelines, mining, chemicals, food and beverage industry, and most other liquid applications.

Square flanged turbine flow meters are available with raised face 316SS schedule 160 flanges. Operating pressure is 3600 psi. Square flanged meters are available in the following sizes: 1", 1 1/2" and 2".



SPECIFICATIONS:

FLOW RATE: 5-50 GPM PRESSURE RATING: 275 PSI

NOTE:

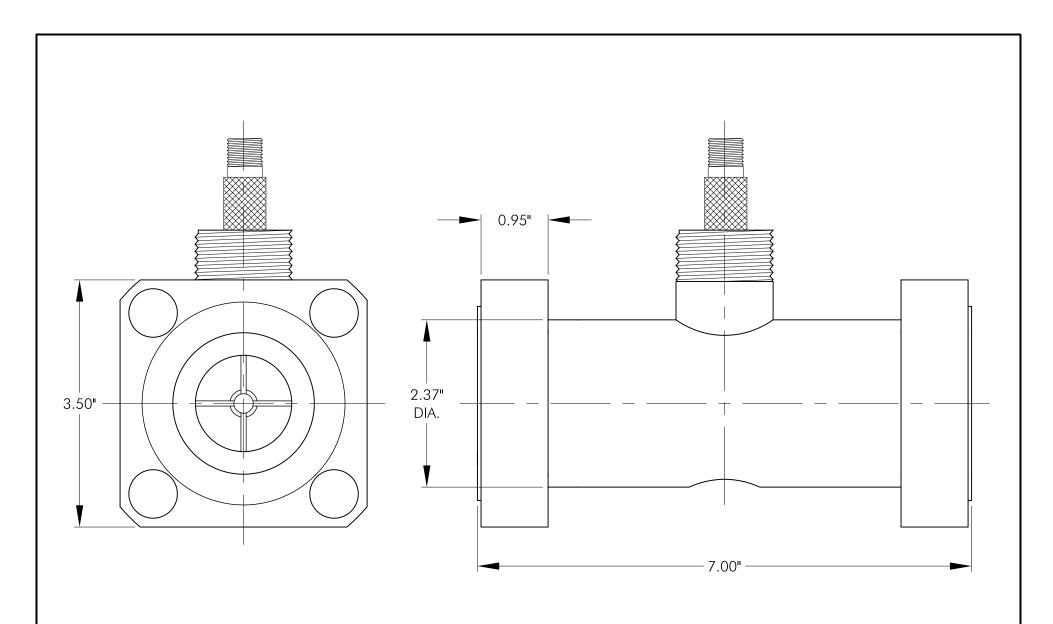
1" TURBINE REPAIR KIT PART NUMBER: 5.100

FLOW METER INSTALLATION DRAWING

1" Turbine flow meter w/ Square Schedule 160 flanges, part no. 3.1000sq-sch160

P.O. Box 12128 Odessa, TX 79768





SPECIFICATIONS:

FLOW RATE: 15-180 GPM PRESSURE RATING: 275 PSI

NOTE:

1.5" TURBINE REPAIR KIT PART NUMBER: 5.150

FLOW METER INSTALLATION DRAWING

1.5" TURBINE FLOW METER W/ SQUARE SCHEDULE 160 FLANGES, PART NO. 3.1500SQ-SCH160

P.O. Box 12128 Odessa, TX 79768

