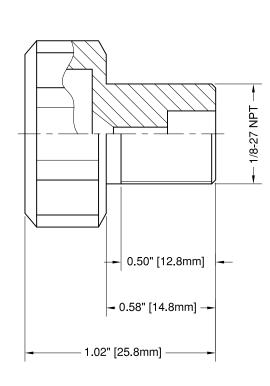
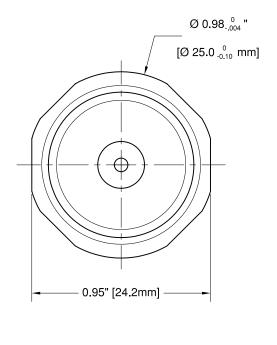
Case: Stainess Steel.

Lens: Acrylic.

Tube: Brass, Beryllium Copper or Stainless Steel.

Accuracy: ±3-2-3%. Enclosure: IP64.





WINIERS 1953	
WINTERS INSTRUMENTS	3

DRAWN BY: T. S.	ALL DIMENSIONS IN INCHES / MM TOLERANCES (unless otherwise stated)	
CHECKED BY:		
ENG. APPROVAL:	Fractional:	1/64" 0.4 mm
	Decimal:	0.06" 1.5 mm
APPROVED BY:	REVISION No. & DATE: (1) JUN 19, 2004	

TITLE:

25 MM HEX GAUGE, 1/8" NPT BACK CONNECTION

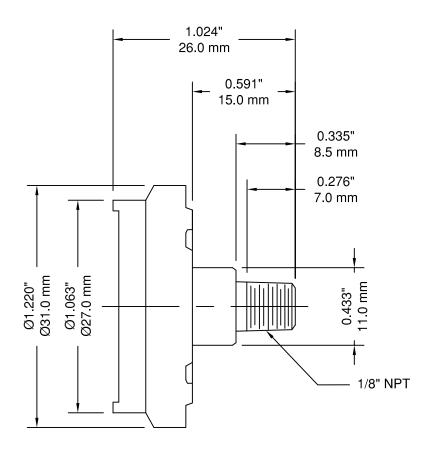
DRAWING NO: 25-HEX-GAUGE

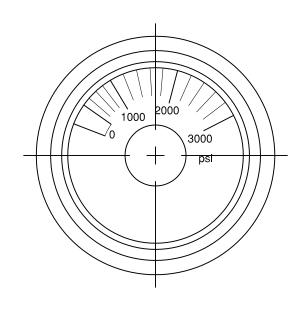
Case: Stainess Steel.

Lens: Acrylic, sealed water tight.

Tube: Brass, Beryllium Copper or Stainless Steel.

Accuracy: ±3-2-3%. Enclosure: IP64.





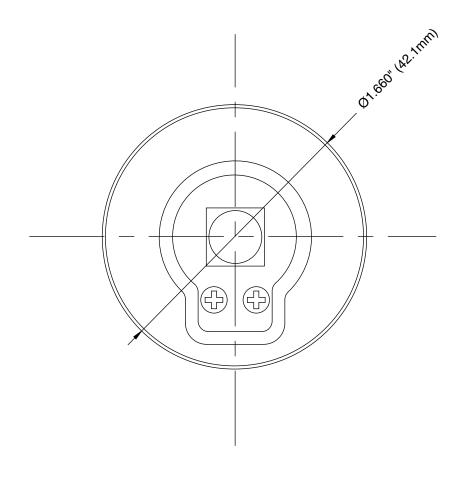
WINIERS 1953
WINTERS INSTRUMENTS

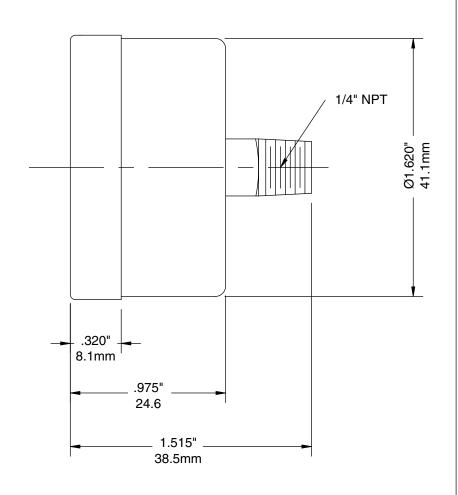
DRAWN BY: T. S.	ALL DIMENSIONS IN INCHES / MM	
CHECKED BY:	TOLERANCES (unless otherwise stated)	
ENG. APPROVAL:	Fractional:	1/64" 0.4 mm
ENG. ALTROVAE.	Decimal:	0.06" 1.5 mm
APPROVED BY:	REVISION No. & DATE: (1) FEB. 09, 2003	

TITLE:

30mm DIAL SPIRAL TUBE GAUGE

DRAWING NO: 30-SPIRAL-GAUGE



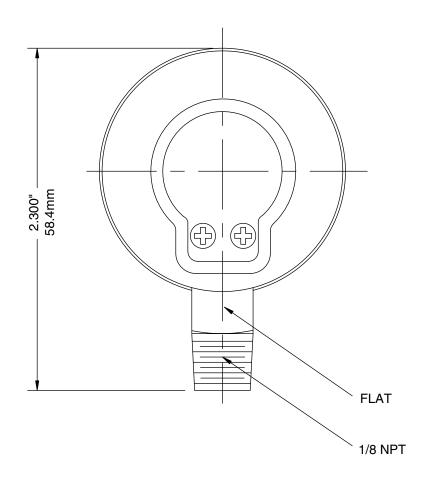


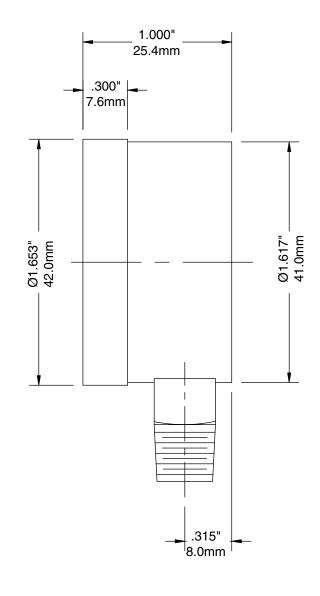


DRAWN BY: E. H.	ALL DIMENSION	NS IN INCHES
CHECKED BY:	TOLERANCES (unless otherwise stated)	
ENG. APPROVAL:	Fractional:	1/64"
LNG. ALT HOVAL.	Decimal:	0.06"
APPROVED BY:	REVISION No. & DATE: APR. 15, 2002	

1.5" ECONOMY GAUGE, BACK CONNECTION

DRAWING NO: EG-ECON-1.5-BK





WINIERS 1953
WINTERS INSTRUMENTS

DRAWN BY: E. H.	ALL DIMENSIONS IN INCHES	
CHECKED BY:	TOLERANCES (unless otherwise stated)	
ENG. APPROVAL:	Fractional:	1/64"
	Decimal:	0.06"
APPROVED BY:	REVISION No. & DATE: APR. 10 2002	

1.5" ECONOMY GAUGE, BOTTOM CONNECTION

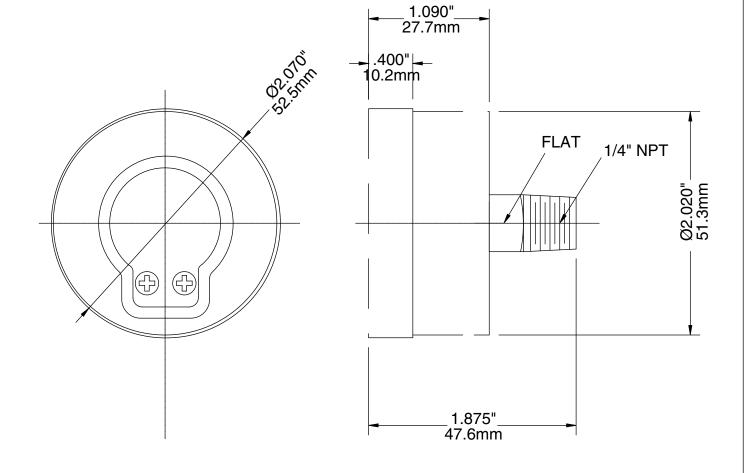
DRAWING NO: EG-ECON-1.5-BTM

Case: Steel, painted black. Bezel: Steel, painted black.

Lens: Polycarbonate.

Socket: Brass. Tube: Ph Bz. Movement: Brass.

Welding: Silver Alloy.



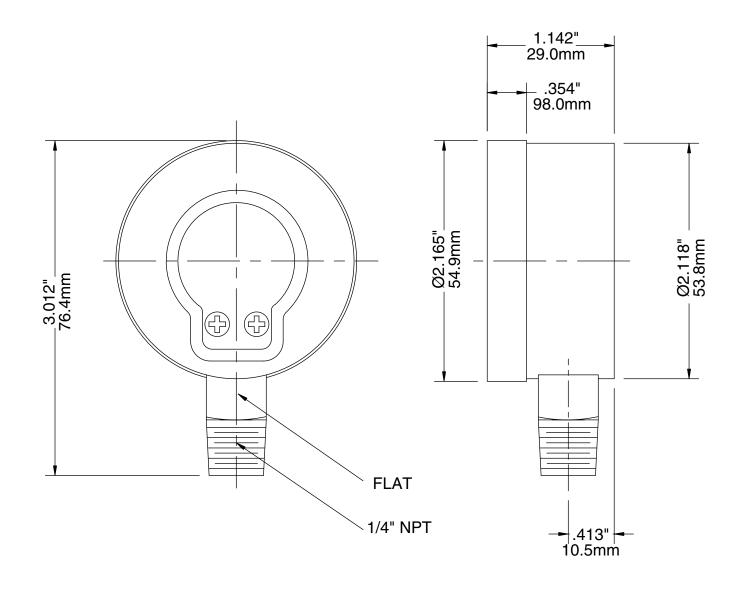
WINIERS
WINTERS INSTRUMENTS

DRAWN BY: E. H.	ALL DIMENSIONS IN INCHES	
CHECKED BY:	TOLERANCES (unless otherwise stated)	
ENG. APPROVAL:	Fractional:	1/64"
LIVG. 7 (I T T TO V T L.	Decimal:	0.06"
APPROVED BY:	REVISION No. & DATE: APR. 17, 20	

TITLE:

2" ECONOMY GAUGE, BACK CONNECTION

DRAWING NO: EG-ECON-2-BK

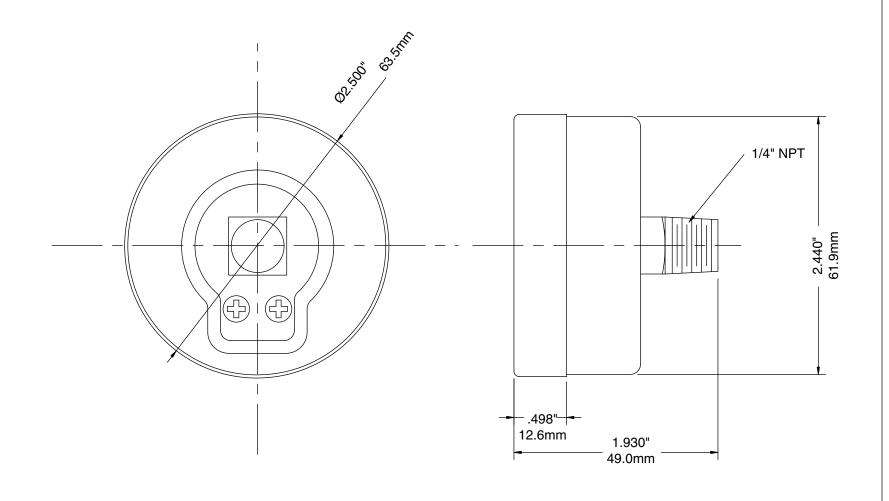




DRAWN BY: E. H.	ALL DIMENSIONS IN INCHES	
CHECKED BY:	TOLERANCES (unless otherwise stated)	
ENG. APPROVAL:	Fractional:	1/64"
	Decimal:	0.06"
APPROVED BY:	REVISION No. & DATE: APR. 17, 2002	

2" ECONOMY GAUGE, BOTTOM CONNECTION

DRAWING NO: EG-ECON-2-BTM



WINIERS
WINTERS INSTRUMENTS

DRAWN BY: E. H.	ALL DIMENSIONS IN INCHES	
CHECKED BY:	TOLERANCES (unless otherwise stated)	
ENG. APPROVAL:	Fractional: Decimal:	1/64" 0.06"
APPROVED BY:	REVISION No. & DATE: APR.17, 2002	

2.5" ECONOMY GAUGE, BACK CONNECTION

DRAWING NO: EG-ECON-2.5-BK

Ambient Temperature: -40°C / 65°C (-40°F /

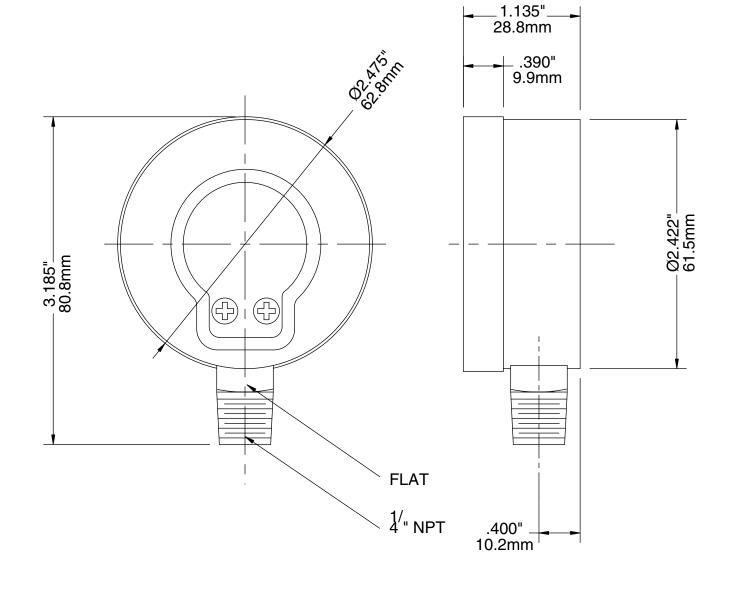
150°F). Process Temperature: -40°C / 65°C (-40°F /

150°F). Case: Steel, painted black. Bezel: Steel, chrome plated.

Lens: Polycarbonate. Tube: Ph Bz.

Movement: Brass. Socket: Brass.

Welding: Silver Alloy. Accuracy: ±3-2-3% of full scale.





DRAWN BY: E. H.	ALL DIMENS	IONS IN INCHES
CHECKED BY:	BY: TOLERANCES (unless otherwise state	
ENG. APPROVAL:	Fractional: Decimal:	1/64" 0.06"
APPROVED BY:	DBY: REVISION No. & DATE: APR. 18	

TITLE:

2.5" ECONOMY GAUGE, BOTTOM CONNECTION

DRAWING NO: EG-ECON-2.5-BTM

Ambient Temperature: -40°C / 65°C (-40°F / Ambient Temperature: -40°C / 65°C (-40°F / 150°F).

Process Temperature: -40°C / 65°C (-40°F / 150°F).

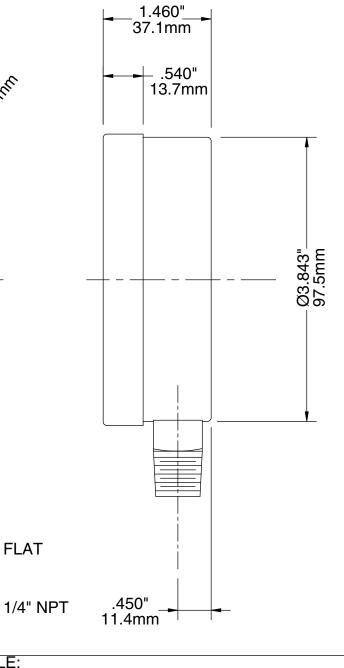
Case: Steel, painted black.

Bezel: Steel, chrome plated.

Lens: Polycarbonate.

Tube: Brass.

Movement: Brass. Socket: Brass. Welding: Silver Alloy. Accuracy: ±3-2-3% of full scale. 4.900" 124.4mm



WINIERS (1953)
WINTERS INSTRUMENTS

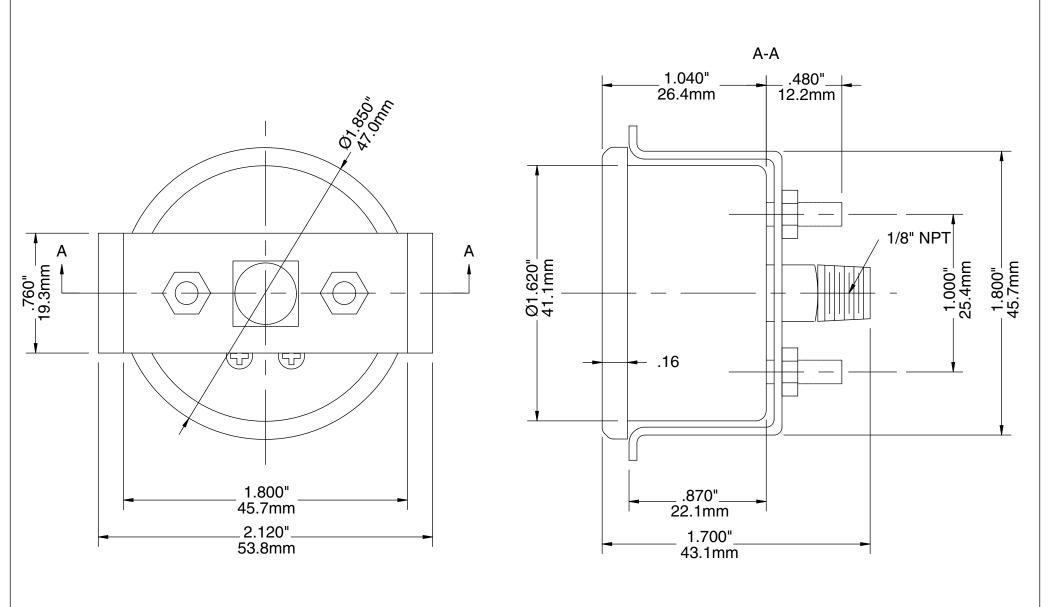
DRAWN BY: E. H.	ALL DIMENSIONS IN INCHES	
CHECKED BY:	TOLERANCES (unless otherwise stated)	
ENG. APPROVAL:	Fractional:	1/64"
	Decimal:	0.06"
APPROVED BY:	REVISION No. & DATE: APR. 15, 2002	

TITLE:

FLAT

4" ECONOMY GAUGE, BOTTOM CONNECTION

DRAWING NO: EG-ECON-4-BTM

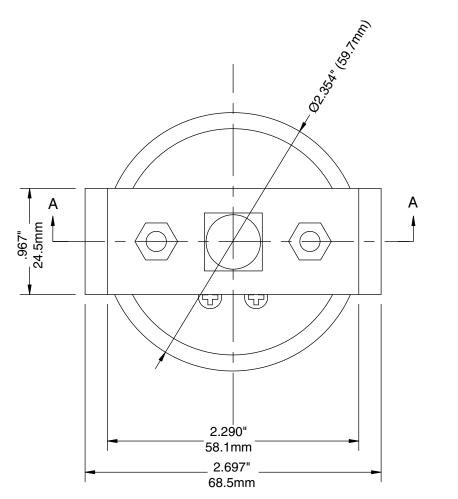


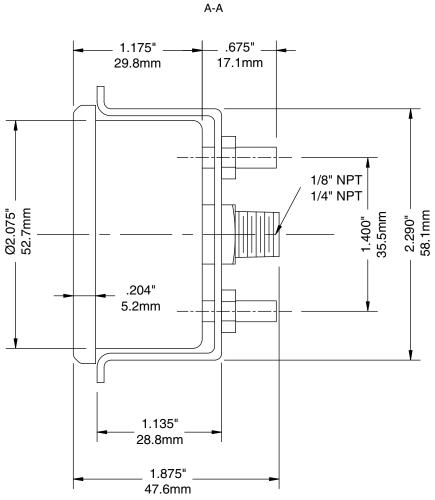


DRAWN BY: E. H.	ALL DIMENSIONS IN INCHES	
CHECKED BY:	TOLERANCES (unless otherwise stated)	
ENG. APPROVAL:	Fractional: Decimal:	1/64" 0.06"
APPROVED BY:		TE: APR. 21, 2002

1.5" PANEL MOUNTED ECONOMY GAUGE

DRAWING NO: EG-ECONPANEL-1.5





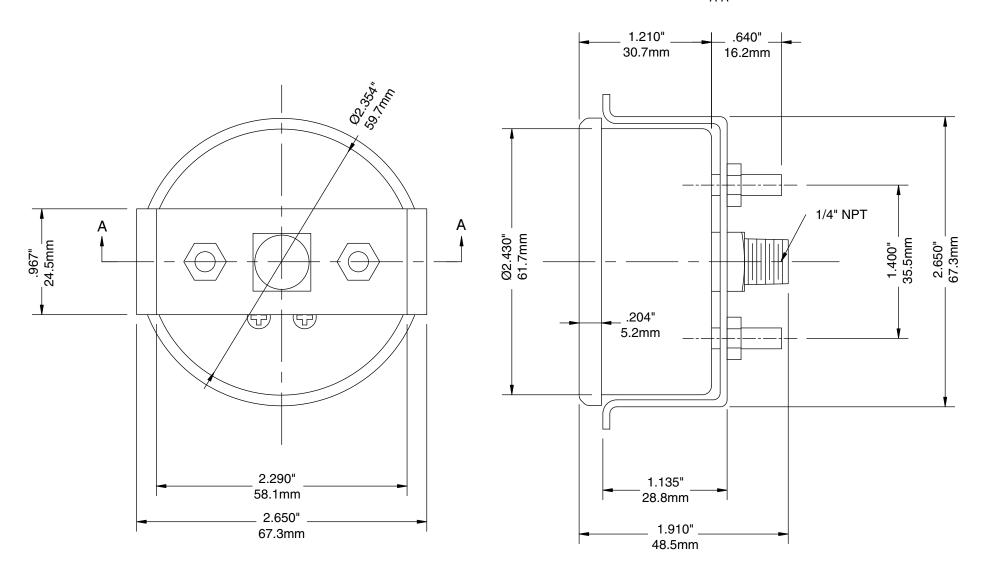


DRAWN BY: E. H.	AAWN BY: E. H.	ALL DIMENSIONS IN INCHES	
CH	IECKED BY:	TOLERA (unless otherv	
EN	IG. APPROVAL:	Fractional:	1/64"
	LING. ALT HOVAL.	Decimal:	0.06"
AP	PROVED BY:	REVISION No. & DATE:	APR. 21, 2002

2" PANEL MOUNTED ECONOMY GAUGE

DRAWING NO: EG-ECONPANEL-2





WINIERS (1953)
WINTERS INSTRUMENTS

DRAWN BY: E. H.	ALL DIMENSIONS IN INCHES		Т
CHECKED BY:	TOLERA (unless other		
ENG. APPROVAL:	Fractional:	1/64"	
LNG. ALTHOVAL.	Decimal:	0.06"	L
APPROVED BY:	DVED BY: REVISION No. & DATE: APR. 21, 200] [

2.5" PANEL MOUNTED ECONOMY GAUGE

DRAWING NO: EG-ECONPANEL-2.5

Case: 304 S/S. Lens: Plexiglass.

Spiral: Brass < 3000 psi.

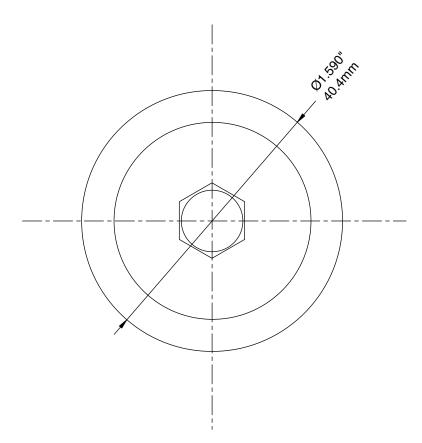
Beryllium copper for 3000 psi.

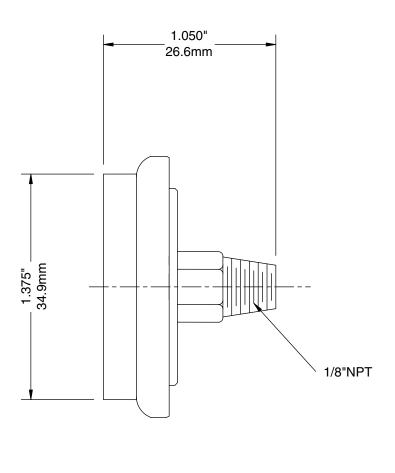
304 S/S > 3000 psi. 1.59 40.4 Movement: Brass. 1.05 26.6 Socket: Brass. 1.375 34.9

Welding: Silver Alloy.

Accuracy: ±3-2-3% of full scale.

Enclosure: IP64.





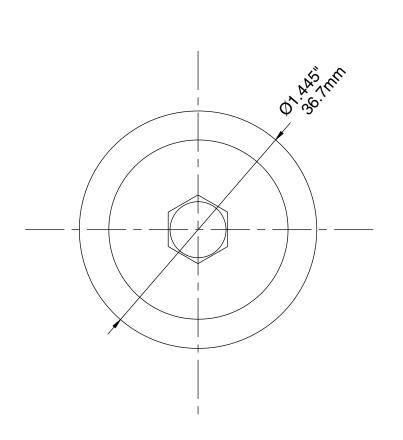
WINIERS (1953)
WINTERS INSTRUMENTS

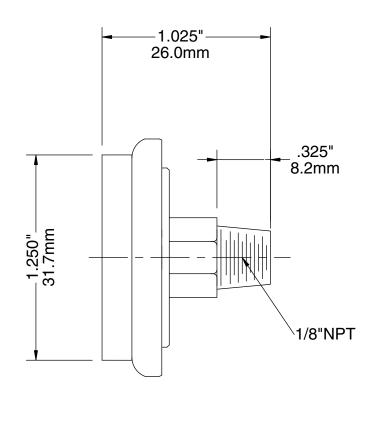
DRAWN BY: E. H.	ALL DIMENSIONS IN INCHES	
CHECKED BY:	TOLERANCES (unless otherwise stated)	
ENG. APPROVAL:	Fractional:	1/64"
LING. ALT HOVAL.	Decimal:	0.06"
APPROVED BY:	REVISION No. & DATE: APR. 15, 2002	

TITLE:

1.5" SPIRAL TUBE GAUGE

DRAWING NO: EG-SPIRAL-1.5



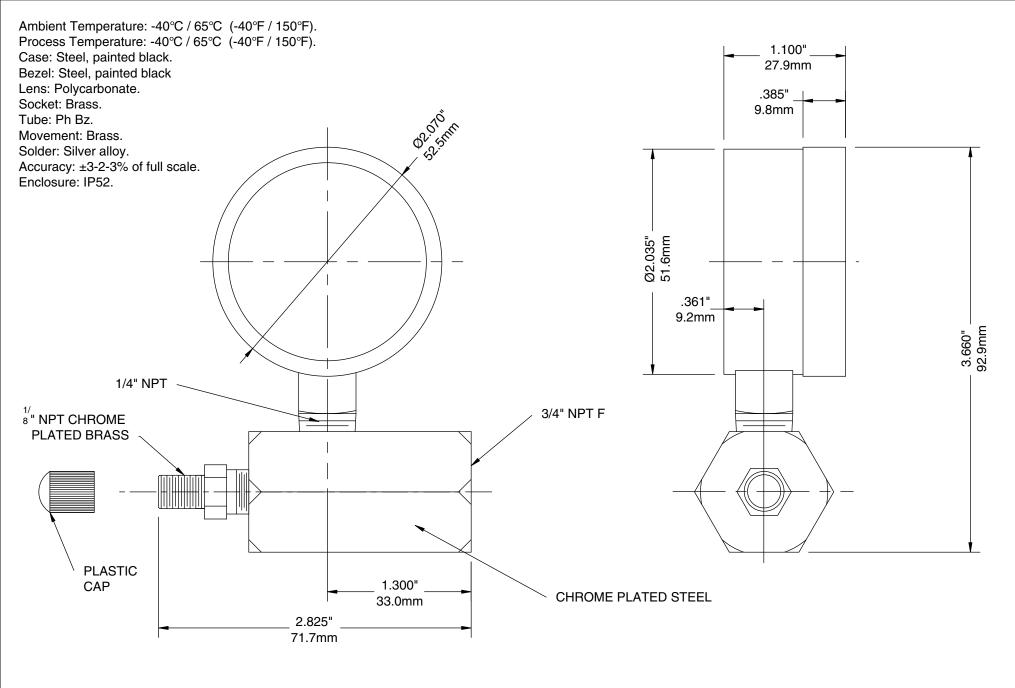




I	DRAWN BY: E. H.	ALL DIMENSIONS IN INCHES	
	CHECKED BY:	TOLERANCES (unless otherwise stated)	
	ENG. APPROVAL:	Fractional:	1/64"
	LIVO. 7 (I I I I O V / L.	Decimal:	0.06"
	APPROVED BY:	REVISION No. & DATE: APR. 15, 2002	

1.25" SPIRAL TUBE GAUGE

DRAWING NO: EG-SPIRAL-1.25



WINIERS
WINTERS INSTRUMENTS

DRAWN BY: E. H.	ALL DIMENS	ALL DIMENSIONS IN INCHES	
CHECKED BY:		ERANCES nerwise stated)	
ENG. APPROVAL:	Fractional:	1/64"	
LING. ALT HOVAL.	Decimal:	0.06"	
APPROVED BY:	REVISION No. & DA	TE: APR. 21, 2002	

2" ECONOMY SERIES GAS TEST GAUGE

DRAWING NO: EG-TESTGAS-2

Ambient Temperature: -40°C / 65°C (-40°F / 150°F). Process Temperature: -40°C / 65°C (-40°F / 150°F).

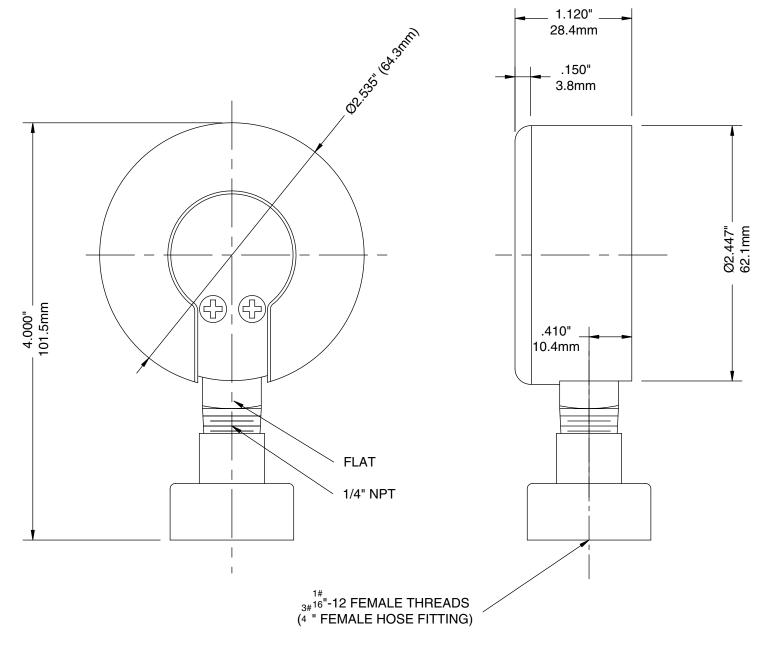
Case: Steel, painted black. Bezel: Steel, chrome plated.

Lens: Polycarbonate. Socket: Brass.

Tube: Ph Bz.
Movement: Brass.
Solder: Silver Alloy.

Accuracy: ±3-2-3% of full scale.

Enclosure: IP52.





DRAWN BY: E. H.	ALL DIMENS	ALL DIMENSIONS IN INCHES		
CHECKED BY:		TOLERANCES (unless otherwise stated)		
ENG. APPROVAL:	Fractional:	1/64"		
LIVO. ALT HOVAL.	Decimal:	0.06"		
APPROVED BY:	BEVISION No. & DA	REVISION No. & DATE: APR 21 2002		

TITLE:

2.5" ECONOMY SERIES WATER TEST GAUGE

DRAWING NO: EG-TESTWTR-2.5

Ambient Temperature: -40°C / 65°C (-40°F /

150°F).

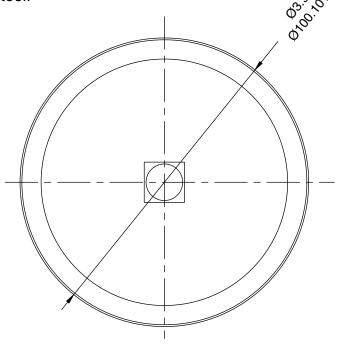
Process Temperature: -40°C / 65°C (-40°F /

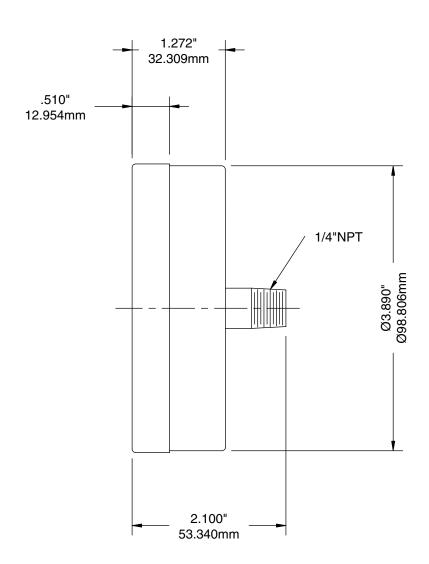
150°F).

Case: Steel, painted black. Bezel: Steel, chrome plated.

Lens: Polycarbonate.

Tube: 316 S/S.
Movement: Steel.





WINIERS (1) 1983	
WINTERS INSTRUMENTS	

DRAWN BY: E. H.	ALL DIMENSION	ALL DIMENSIONS IN INCHES / MM			
CHECKED BY:		TOLERANCES (unless otherwise stated)			
ENG. APPROVAL:	Fractional:		1/64"	0.4mm	
LIVO. ALT TIOVAL.	Decimal:		0.06"	1.5mm	
APPROVED BY:	REVISION No. & DAT	REVISION No. & DATE: MAY 01, 2002			

TITLE:

4" AMMONIA SERIES ECONOMY GAUGE, BACK CONNECTION

DRAWING NO: PG-AMMO-E-4-BK

Ambient Temperature: -40°C / 65°C (-40°F /

150°F).

Process Temperature: -40°C / 65°C (-40°F /

150°F).

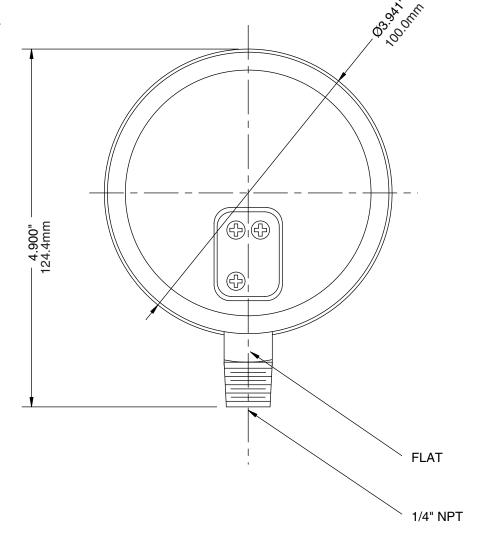
Case: Steel, painted black.

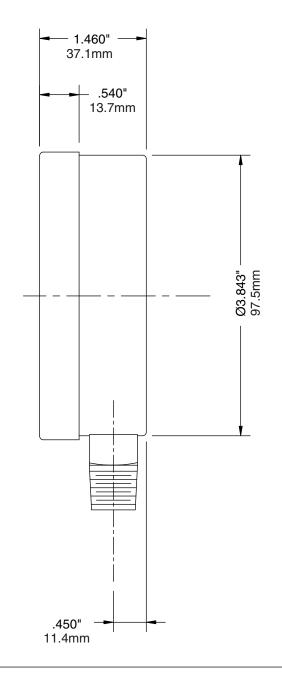
Bezel: 304 S/S.

Lens: Polycarbonate.

Socket: Nickel plated steel.

Tube: Brass.







DRAWN BY: E. H.	ALL DIMENSIONS IN INCHES		TITLE:
CHECKED BY:	TOLERANCES (unless otherwise stated)		4
ENG. APPROVAL:	Fractional:	1/64"	-
LNG. ALT HOVAL.	Decimal:	0.06"	
APPROVED BY:	REVISION No. & DATE: APR. 15, 2002		DRAW

4" AMMONIA SERIES ECONOMY GAUGE, BOTTOM CONNECTION

DRAWING NO: PG-AMMO-E-4-BTM