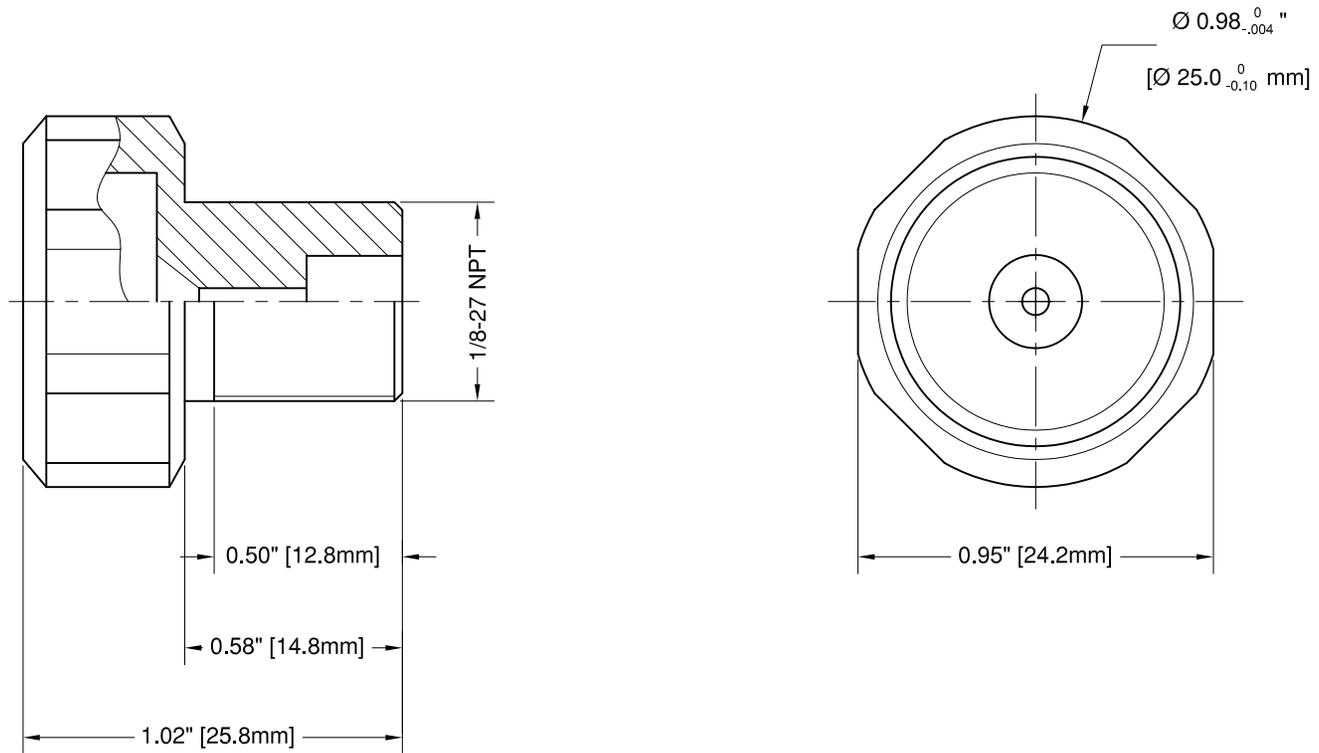


Ambient Temperature: -40°C / 65°C (-40°F / 150°F).  
 Process Temperature: -40°C / 65°C (-40°F / 150°F).  
 Case: Stainless Steel.  
 Lens: Acrylic.  
 Tube: Brass, Beryllium Copper or Stainless Steel.  
 Accuracy: ±3-2-3%.  
 Enclosure: IP64.



WINTERS INSTRUMENTS

DRAWN BY: T. S.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES / MM

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"	0.4 mm
Decimal:	0.06"	1.5 mm

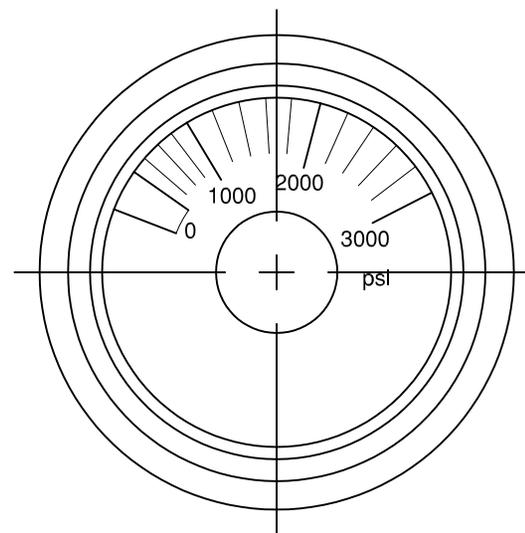
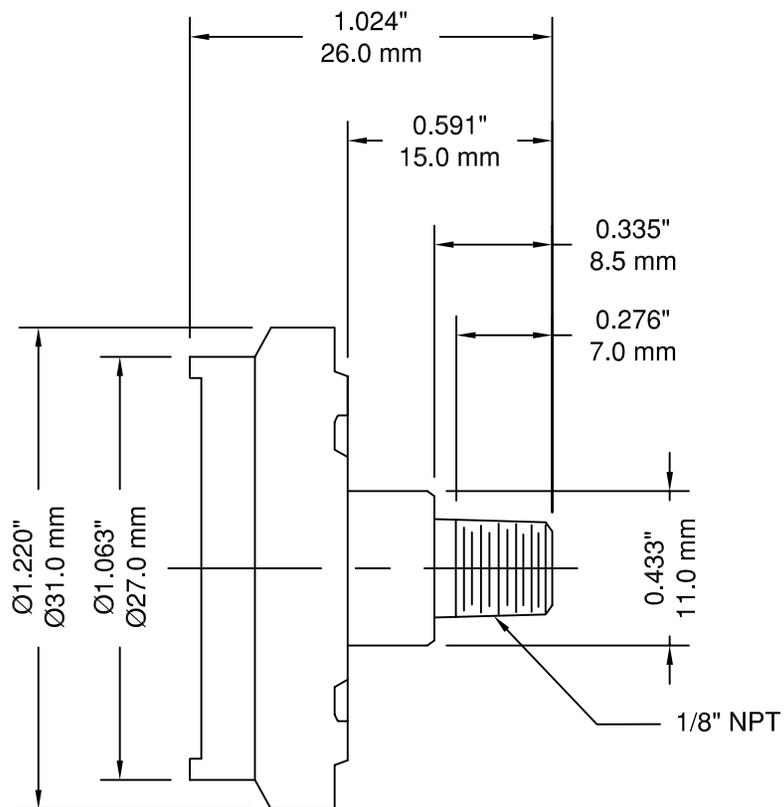
REVISION No. & DATE: (1) JUN 19, 2004

TITLE:

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

DRAWING NO: 25-HEX-GAUGE

Ambient Temperature: -40°C / 65°C (-40°F / 150°F).  
 Process Temperature: -40°C / 65°C (-40°F / 150°F).  
 Case: Stainless Steel.  
 Lens: Acrylic, sealed water tight.  
 Tube: Brass, Beryllium Copper or Stainless Steel.  
 Accuracy: ±3-2-3%.  
 Enclosure: IP64.



WINTERS INSTRUMENTS

DRAWN BY: T. S.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES / MM

TOLERANCES  
(unless otherwise stated)

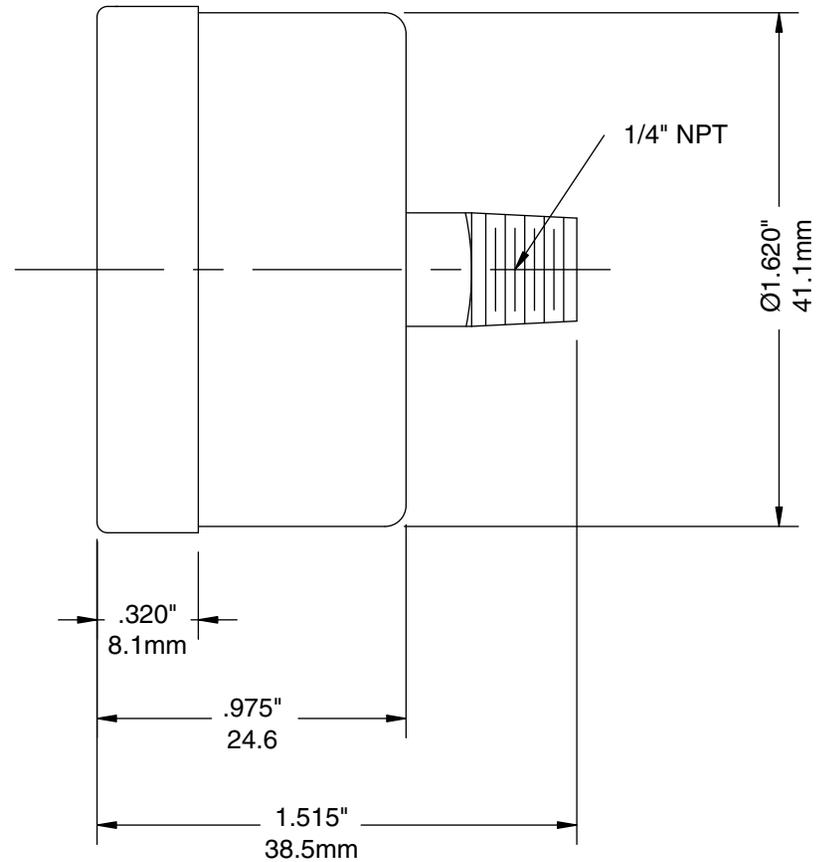
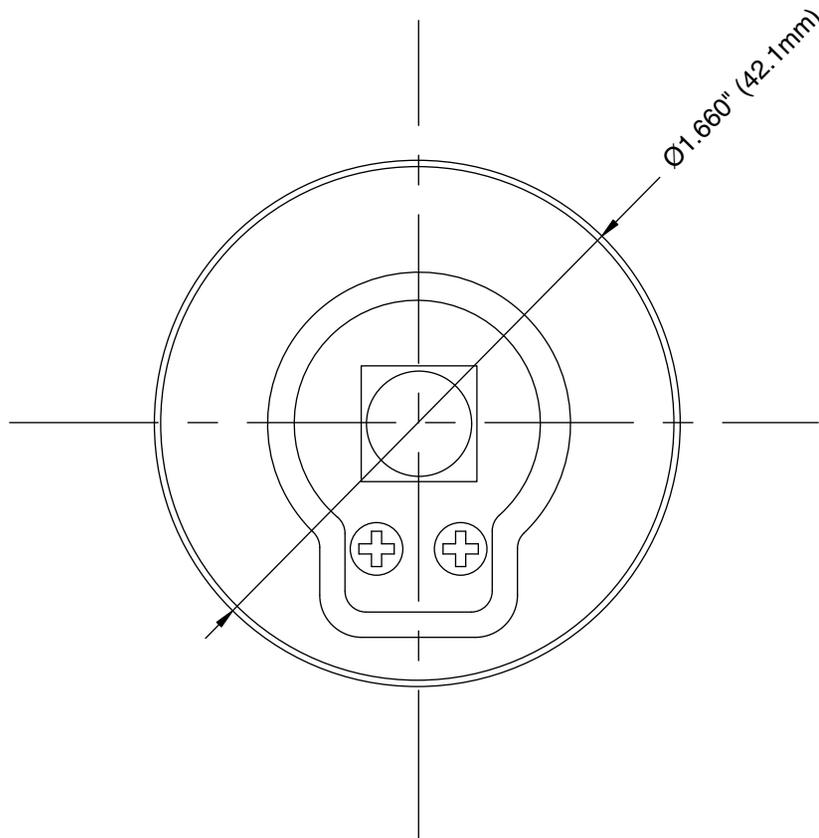
Fractional:	1/64" 0.4 mm
Decimal:	0.06" 1.5 mm

REVISION No. & DATE: (1) FEB. 09, 2003

TITLE:

30mm DIAL SPIRAL TUBE GAUGE

DRAWING NO: 30-SPIRAL-GAUGE

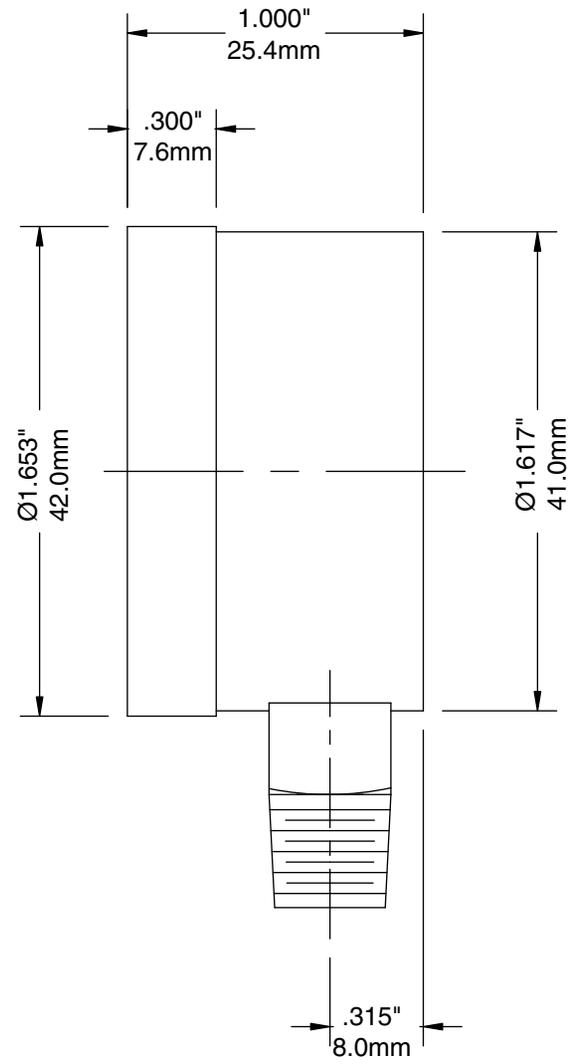
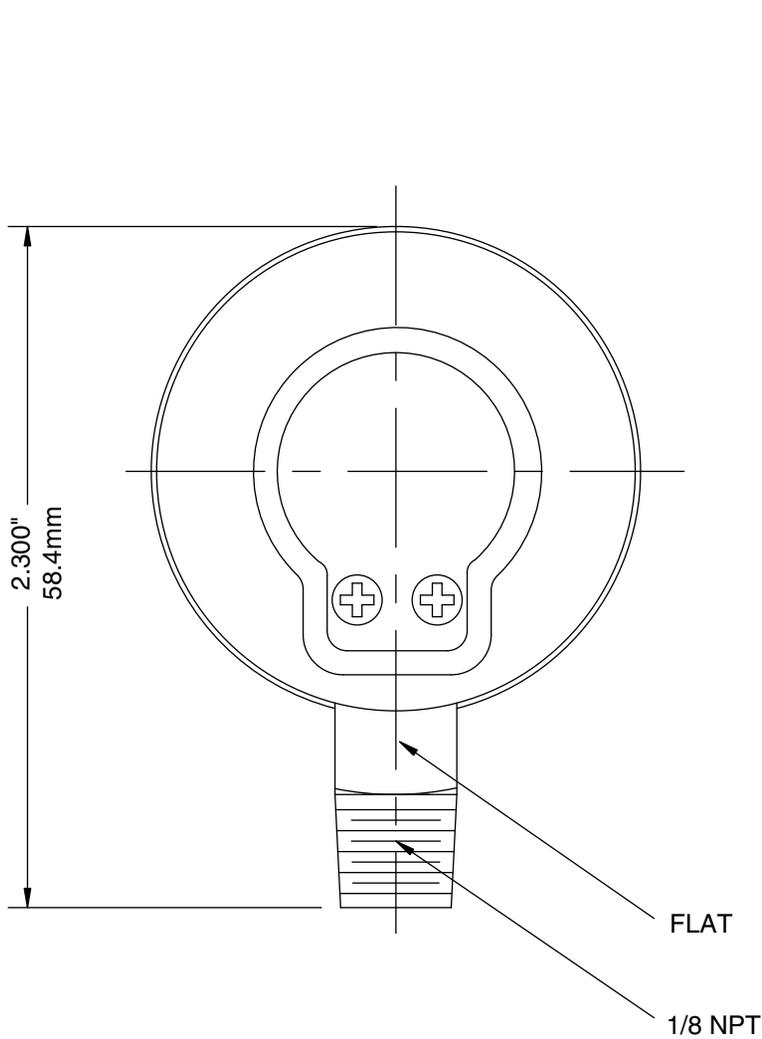


WINTERS INSTRUMENTS

DRAWN BY: E. H.  
 CHECKED BY:  
 ENG. APPROVAL:  
 APPROVED BY:

ALL DIMENSIONS IN INCHES  
 TOLERANCES  
 (unless otherwise stated)  
 Fractional: 1/64"  
 Decimal: 0.06"  
 REVISION No. & DATE: APR. 15, 2002

TITLE:  
 1.5" ECONOMY GAUGE, BACK CONNECTION  
 DRAWING NO: EG-ECON-1.5-BK



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"
Decimal:	0.06"

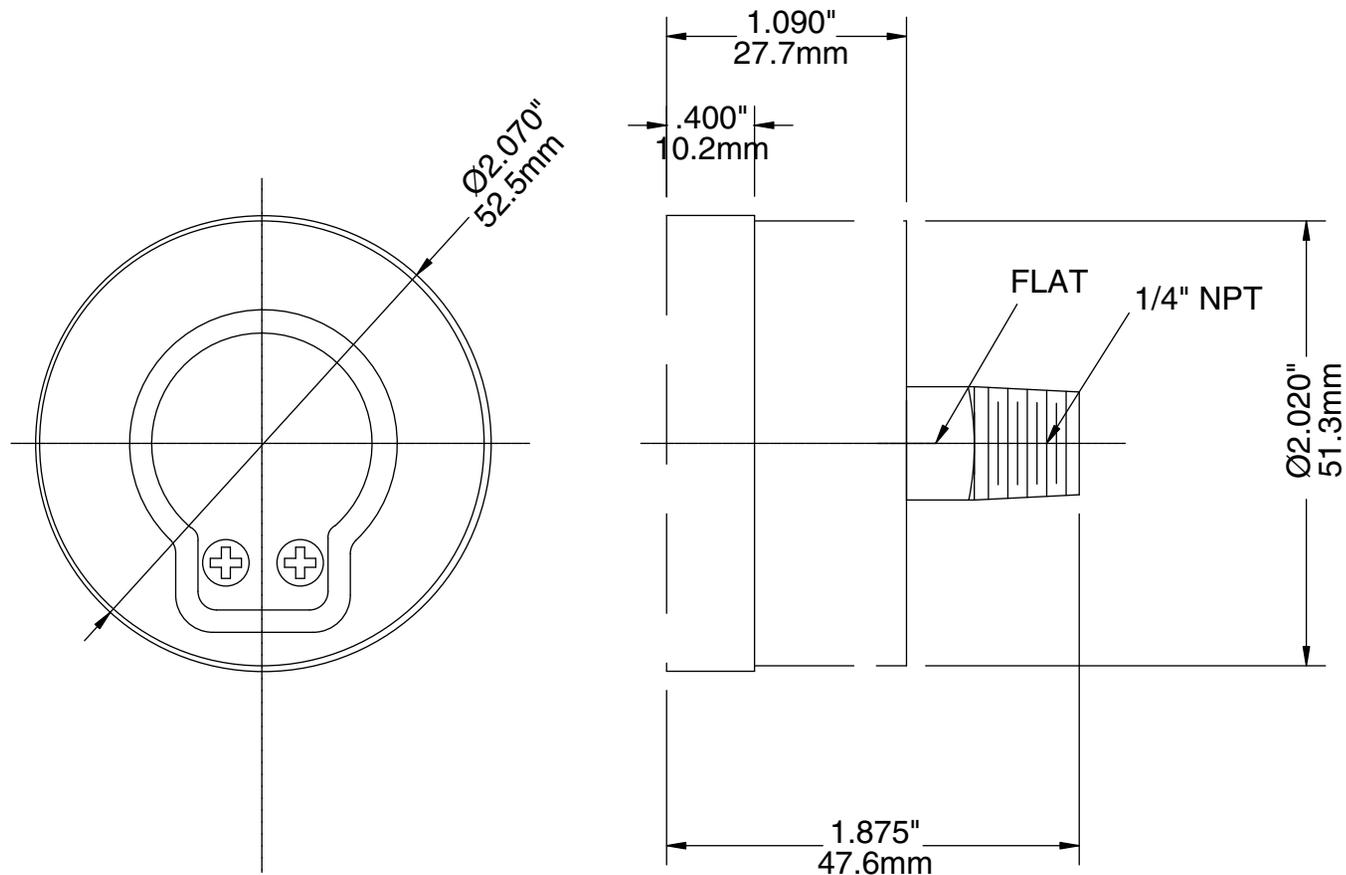
REVISION No. & DATE: APR. 10 2002

TITLE:

1.5" ECONOMY GAUGE, BOTTOM CONNECTION

DRAWING NO: EG-ECON-1.5-BTM

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, painted black.  
 Lens: Polycarbonate.  
 Socket: Brass.  
 Tube: Ph Bz.  
 Movement: Brass.  
 Welding: Silver Alloy.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

**TOLERANCES**  
(unless otherwise stated)

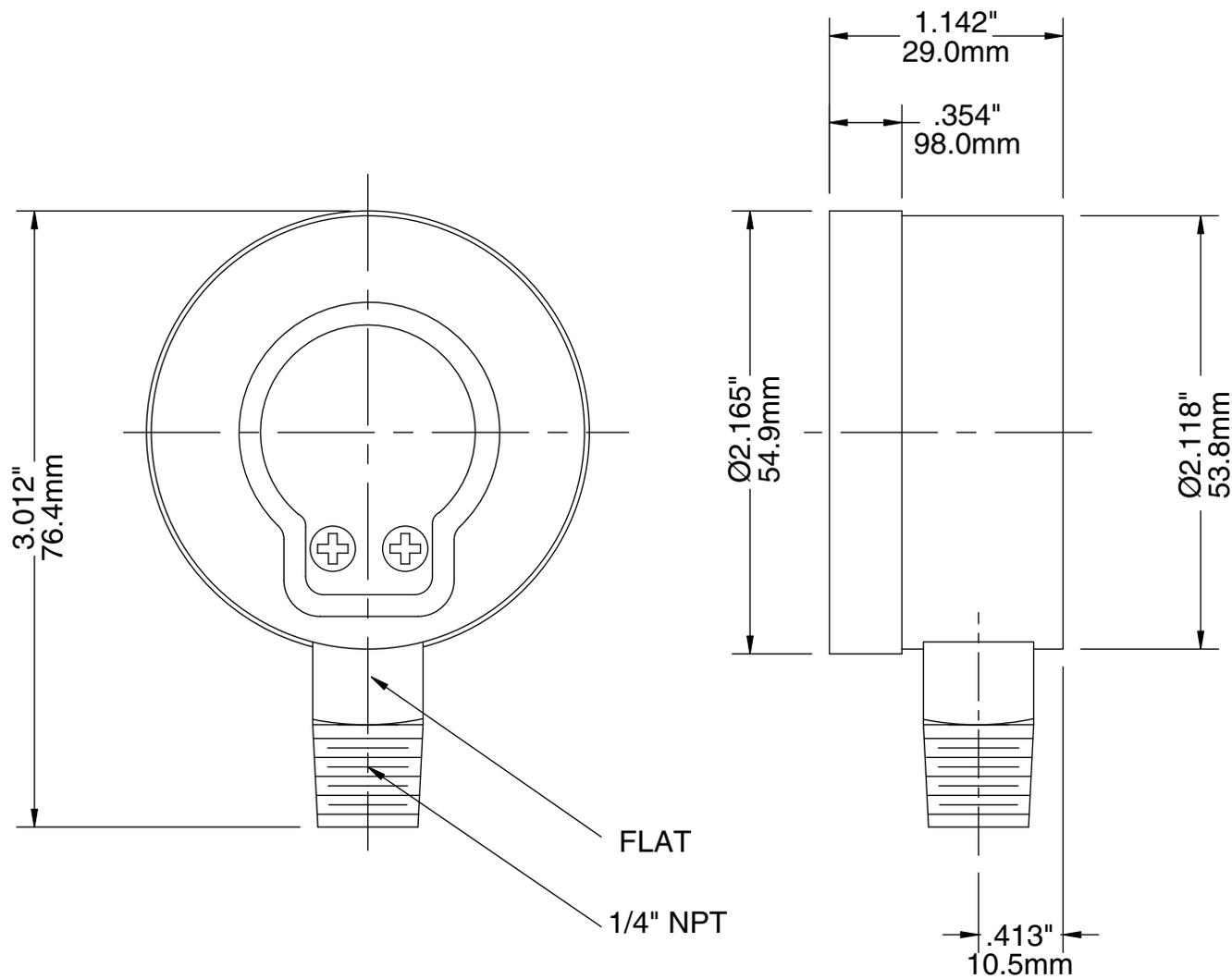
Fractional:	1/64"
Decimal:	0.06"

REVISION No. & DATE: APR. 17, 2002

TITLE:

2" ECONOMY GAUGE, BACK CONNECTION

DRAWING NO: EG-ECON-2-BK



FLAT

1/4" NPT



DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional: 1/64"

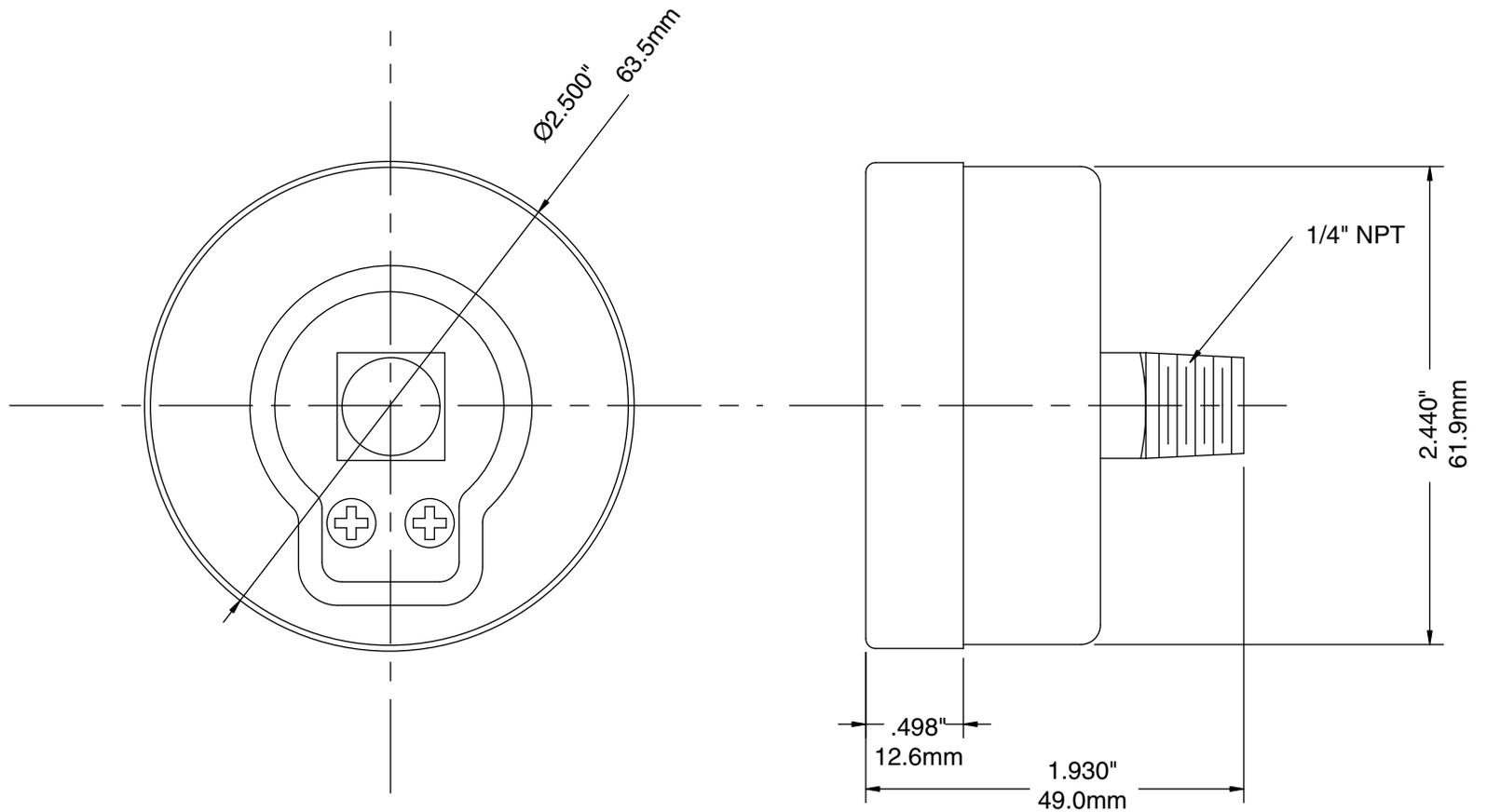
Decimal: 0.06"

REVISION No. & DATE: APR. 17, 2002

TITLE:

2" ECONOMY GAUGE, BOTTOM CONNECTION

DRAWING NO: EG-ECON-2-BTM



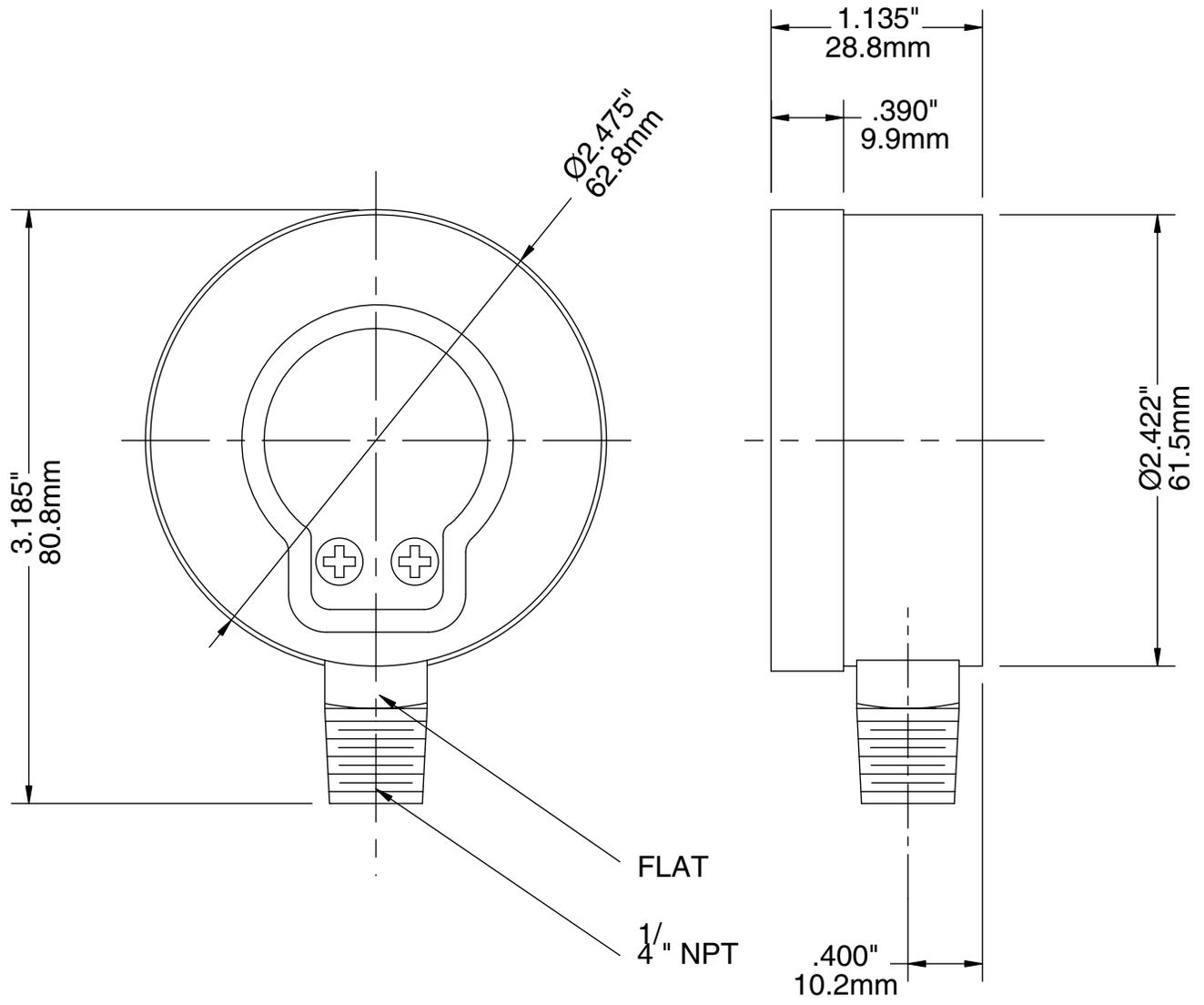
WINTERS INSTRUMENTS

DRAWN BY: E. H.  
 CHECKED BY:  
 ENG. APPROVAL:  
 APPROVED BY:

ALL DIMENSIONS IN INCHES  
 TOLERANCES  
 (unless otherwise stated)  
 Fractional: 1/64"  
 Decimal: 0.06"  
 REVISION No. & DATE: APR.17, 2002

TITLE:  
 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.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"
Decimal:	0.06"

REVISION No. & DATE: APR. 15, 2002

TITLE:

2.5" ECONOMY GAUGE, BOTTOM CONNECTION

DRAWING NO: EG-ECON-2.5-BTM

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.

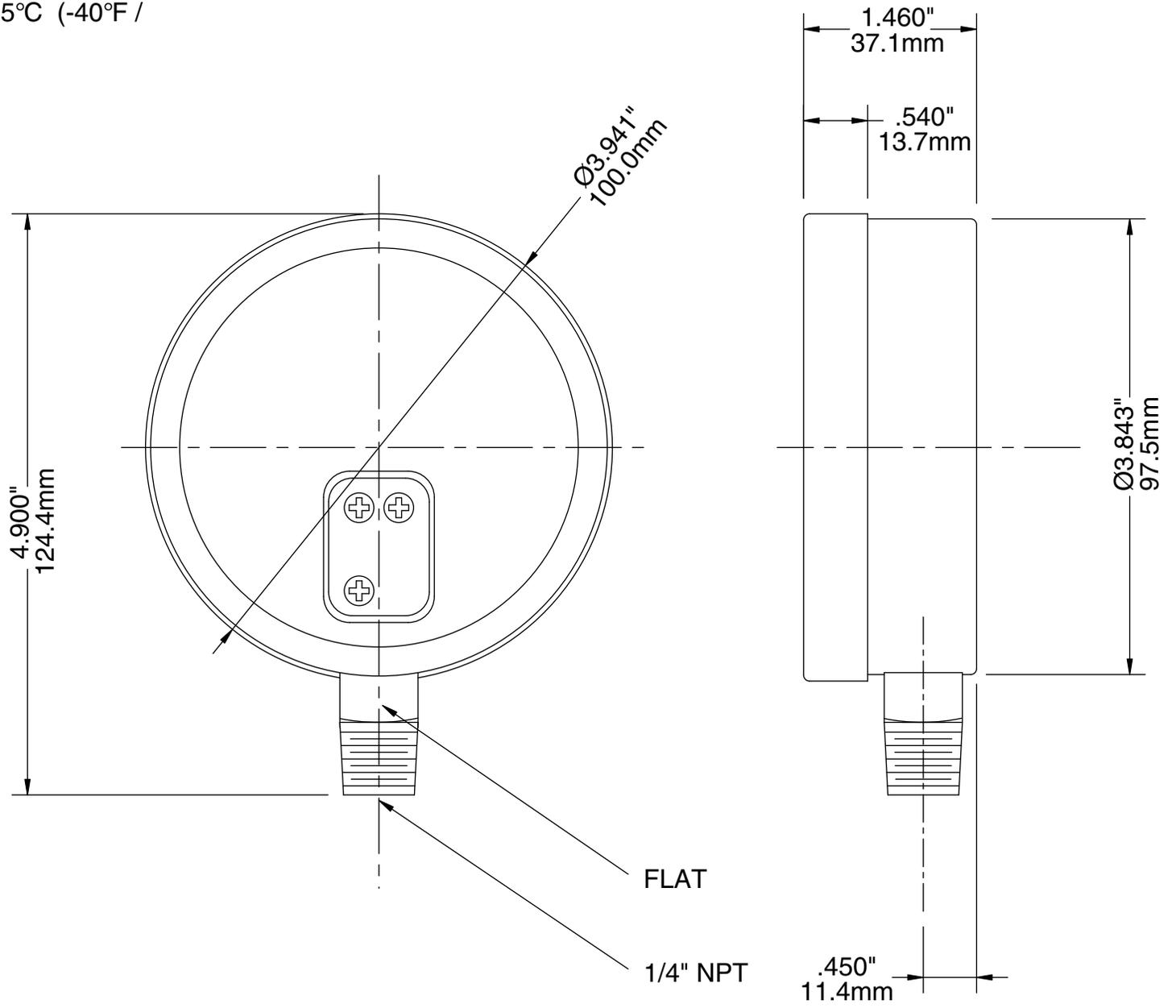
Tube: Brass.

Movement: Brass.

Socket: Brass.

Welding: Silver Alloy.

Accuracy: ±3-2-3% of full scale.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

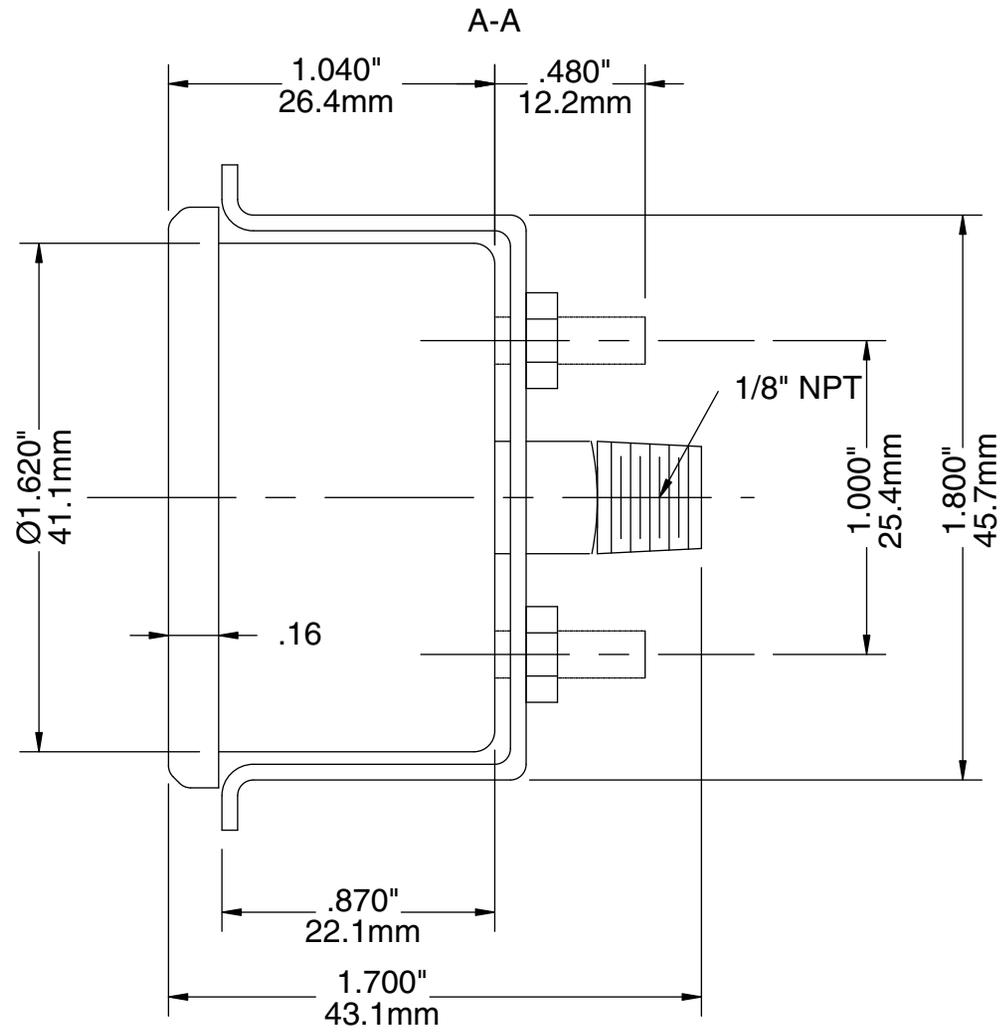
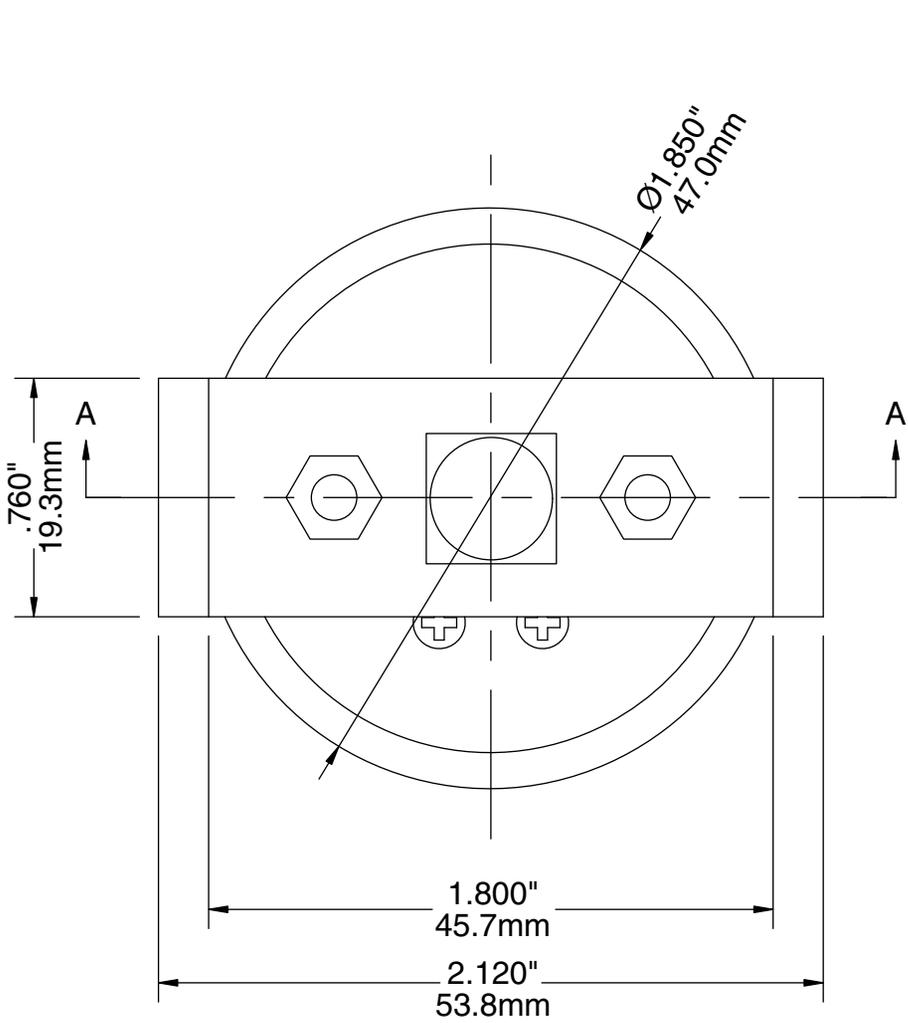
Fractional:	1/64"
Decimal:	0.06"

REVISION No. & DATE: APR. 15, 2002

TITLE:

4" ECONOMY GAUGE, BOTTOM CONNECTION

DRAWING NO: EG-ECON-4-BTM

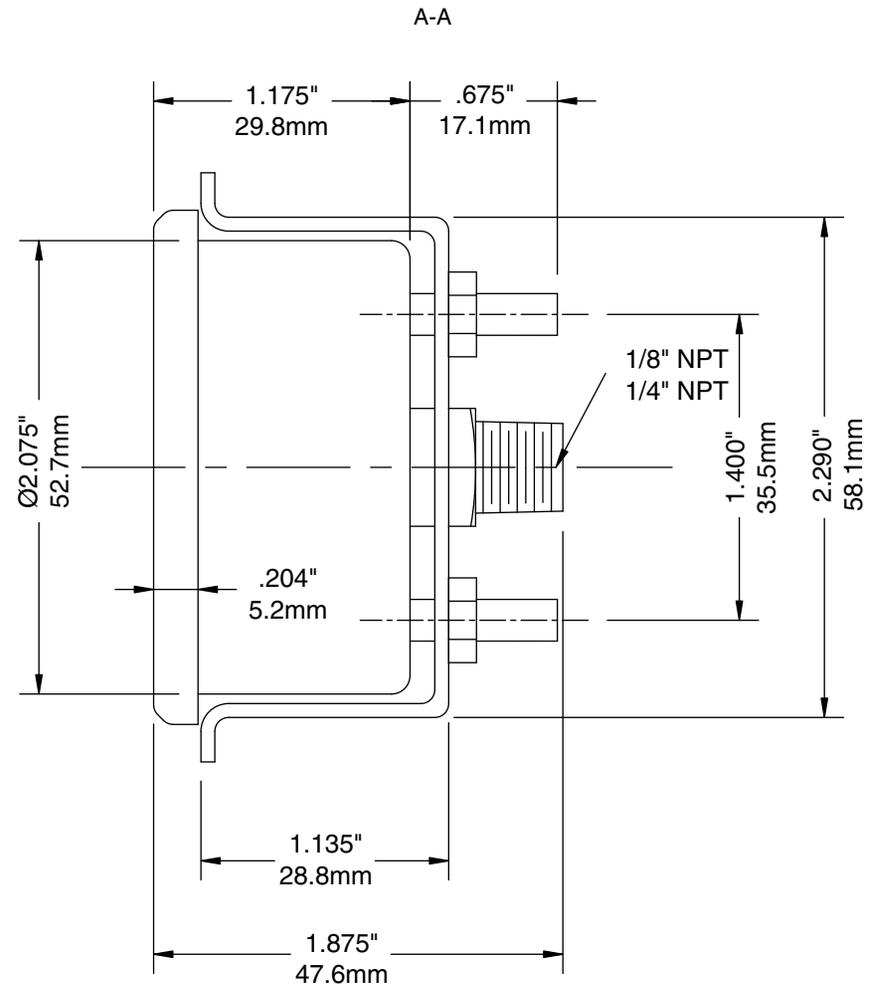
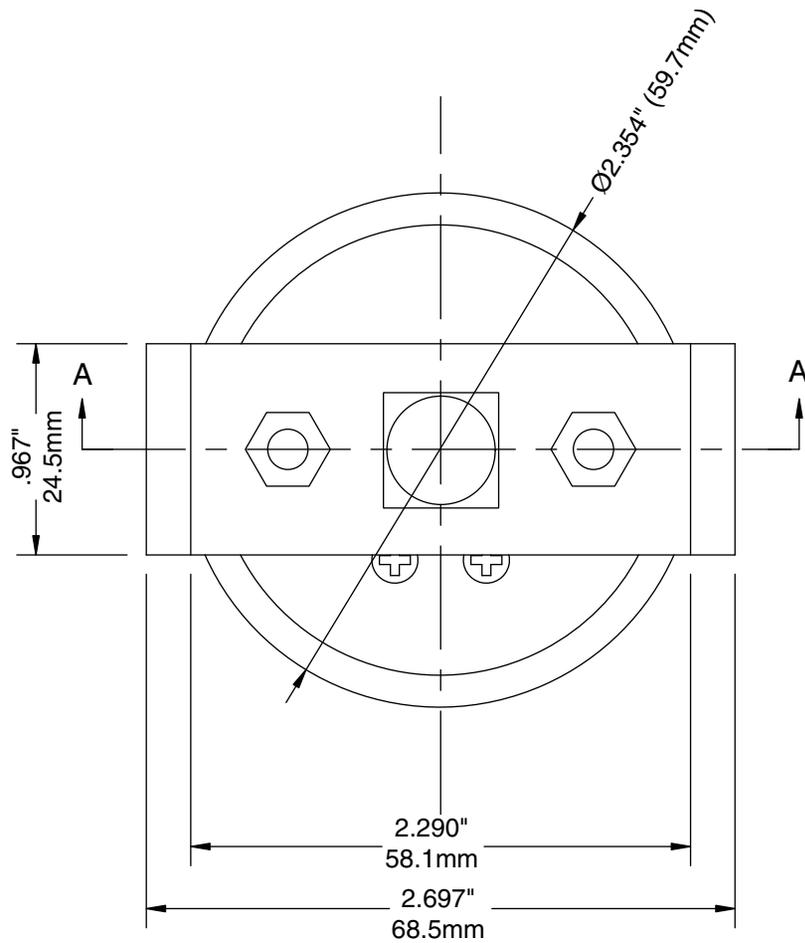


WINTERS INSTRUMENTS

DRAWN BY: E. H.  
 CHECKED BY:  
 ENG. APPROVAL:  
 APPROVED BY:

ALL DIMENSIONS IN INCHES  
 TOLERANCES  
 (unless otherwise stated)  
 Fractional: 1/64"  
 Decimal: 0.06"  
 REVISION No. & DATE: APR. 21, 2002

TITLE:  
 1.5" PANEL MOUNTED ECONOMY GAUGE  
 DRAWING NO: EG-ECONPANEL-1.5



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

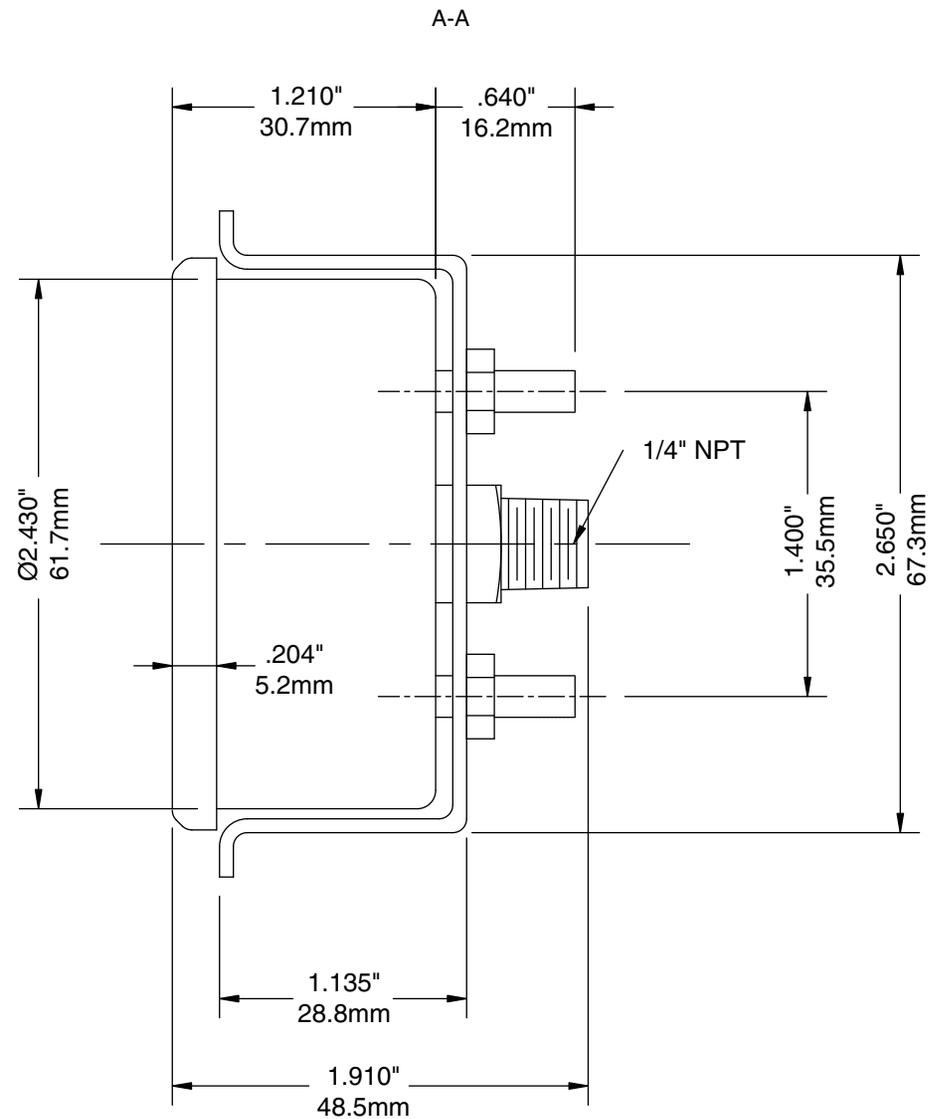
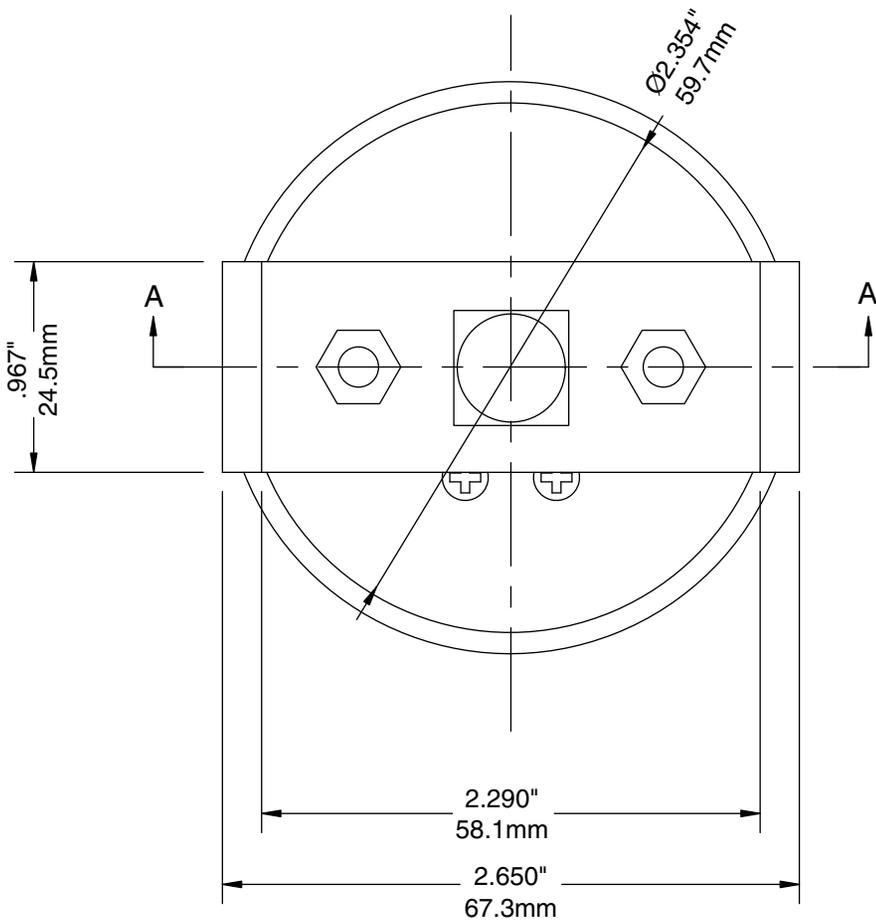
Fractional:	1/64"
Decimal:	0.06"

REVISION No. & DATE: APR. 21, 2002

TITLE:

2" PANEL MOUNTED ECONOMY GAUGE

DRAWING NO: EG-ECONPANEL-2



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"
Decimal:	0.06"

REVISION No. & DATE: APR. 21, 2002

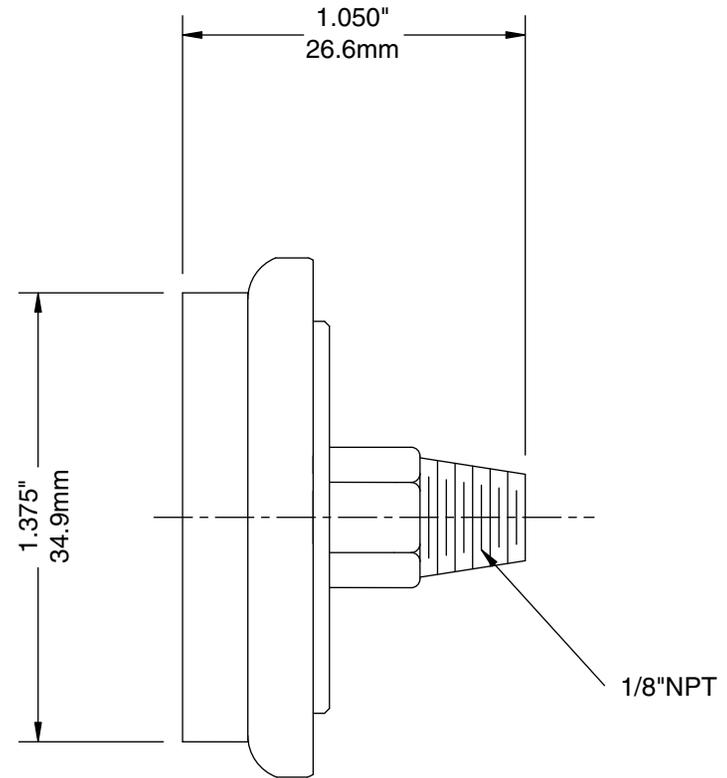
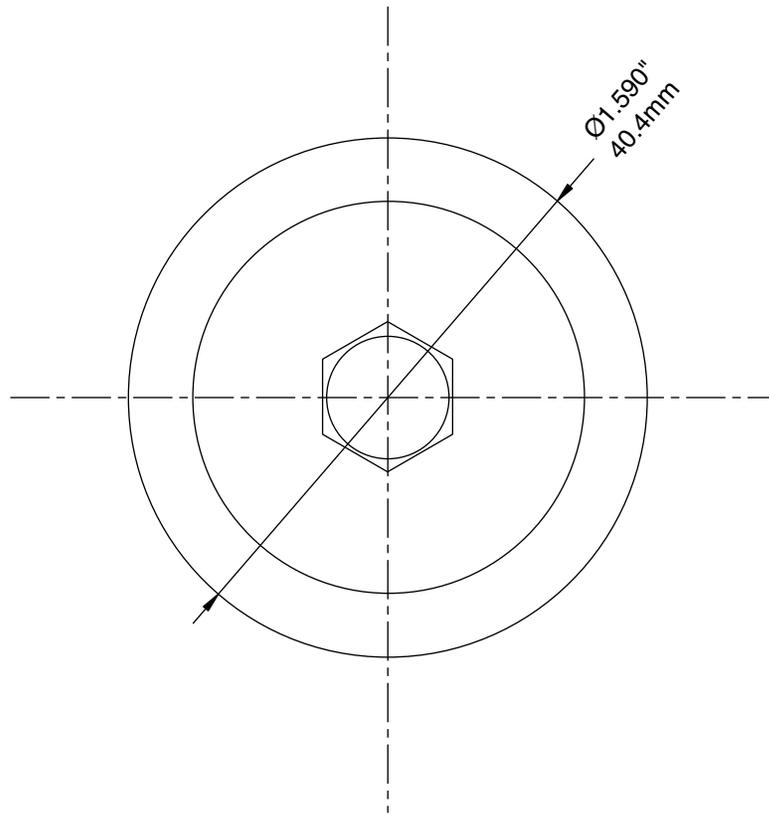
TITLE:

2.5" PANEL MOUNTED ECONOMY GAUGE

DRAWING NO: EG-ECONPANEL-2.5

Ambient Temperature: -40°C / 65°C (-40°F / 150°F).  
 Process Temperature: -40°C / 65°C (-40°F / 150°F).  
 Case: 304 S/S.  
 Lens: Plexiglass.  
 Spiral: Brass < 3000 psi.  
           Beryllium copper for 3000 psi.  
           304 S/S > 3000 psi.  
 Movement: Brass.  
 Socket: Brass.  
 Welding: Silver Alloy.  
 Accuracy: ±3-2-3% of full scale.  
 Enclosure: IP64.

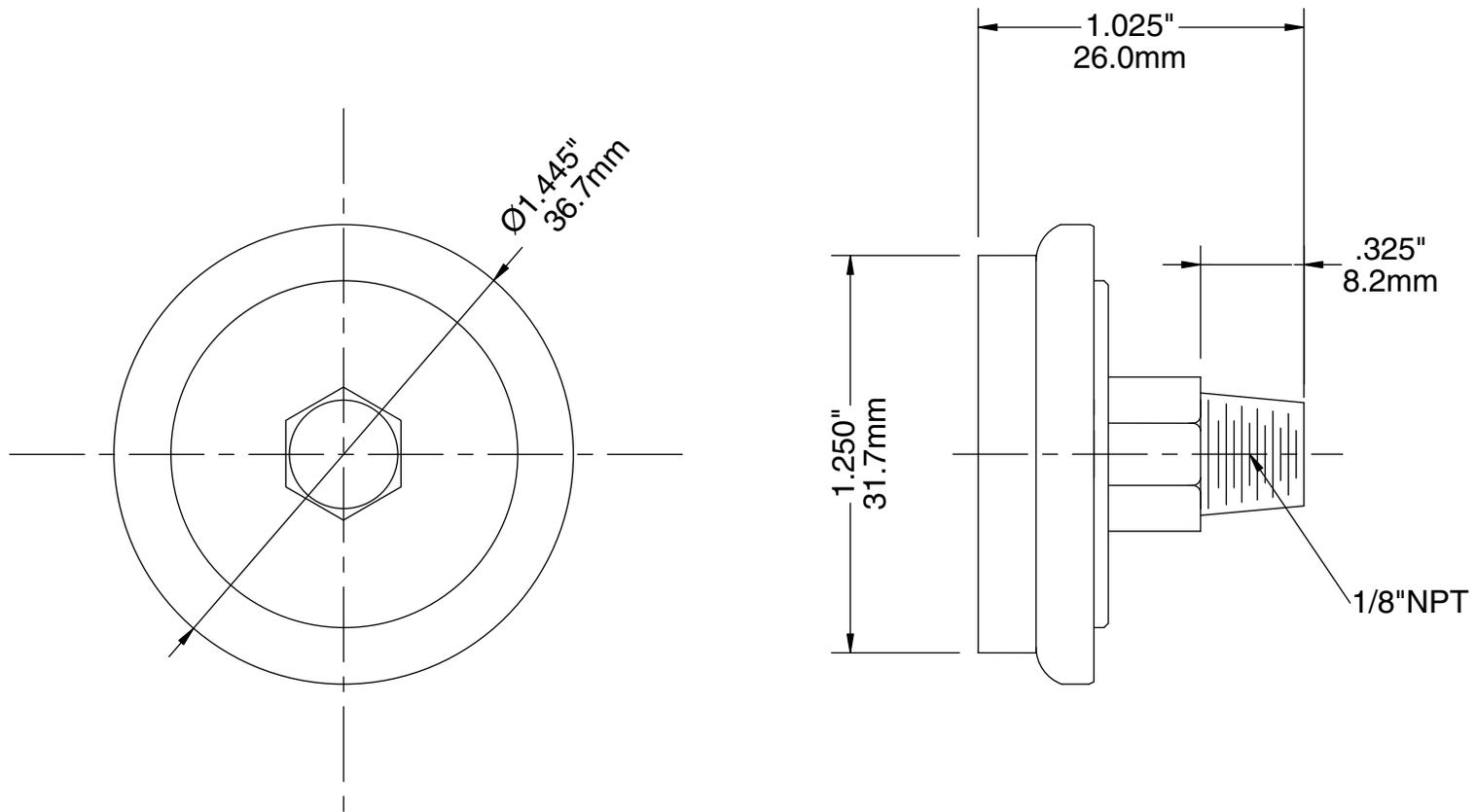
1.59 40.4  
 1.05 26.6  
 1.375 34.9



DRAWN BY: E. H.  
 CHECKED BY:  
 ENG. APPROVAL:  
 APPROVED BY:

ALL DIMENSIONS IN INCHES  
 TOLERANCES  
 (unless otherwise stated)  
 Fractional: 1/64"  
 Decimal: 0.06"  
 REVISION No. & DATE: APR. 15, 2002

TITLE:  
 1.5" SPIRAL TUBE GAUGE  
 DRAWING NO: EG-SPIRAL-1.5



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional: 1/64"

Decimal: 0.06"

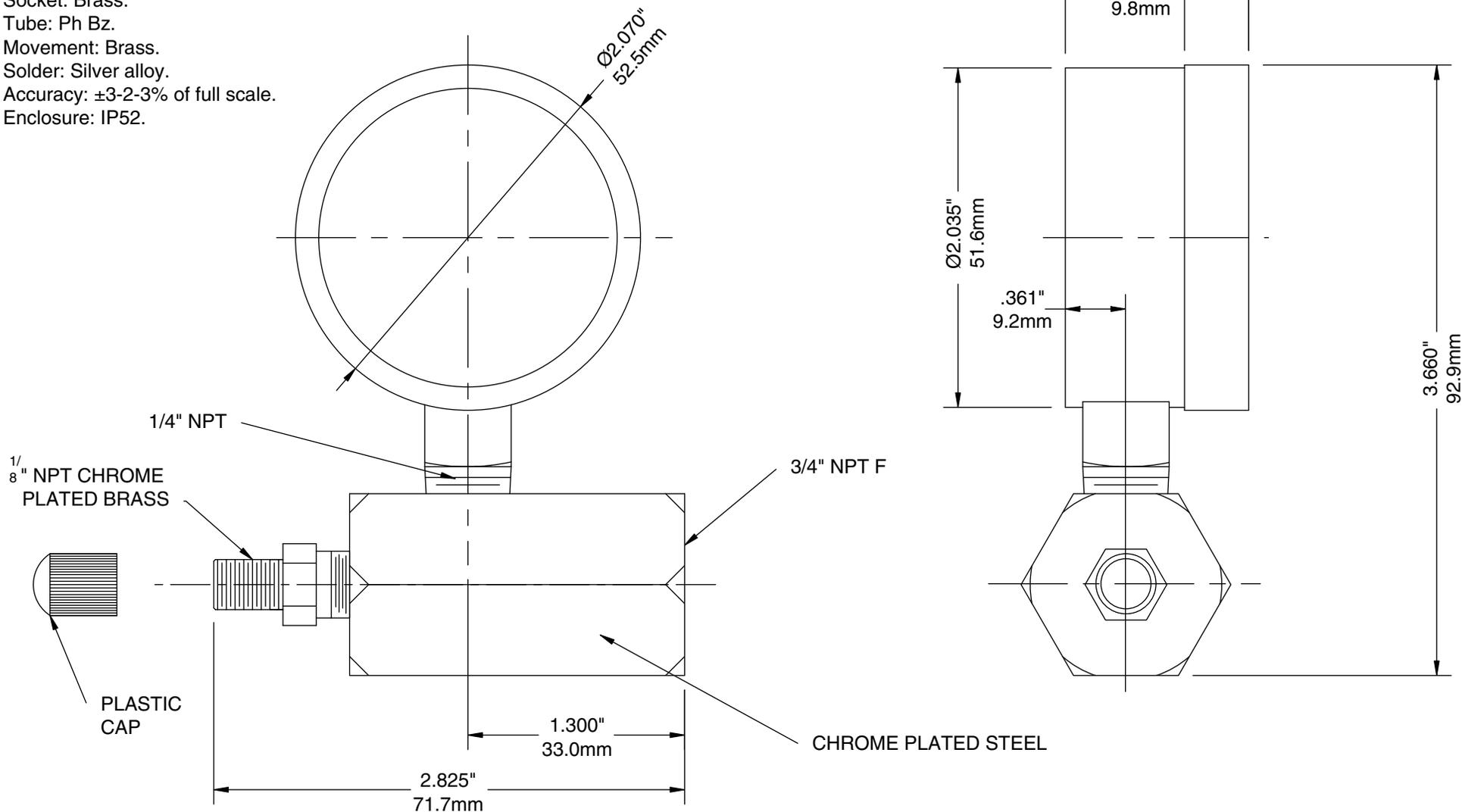
REVISION No. & DATE: APR. 15, 2002

TITLE:

1.25" SPIRAL TUBE GAUGE

DRAWING NO: EG-SPIRAL-1.25

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, painted black  
 Lens: Polycarbonate.  
 Socket: Brass.  
 Tube: Ph Bz.  
 Movement: Brass.  
 Solder: Silver alloy.  
 Accuracy: ±3-2-3% of full scale.  
 Enclosure: IP52.



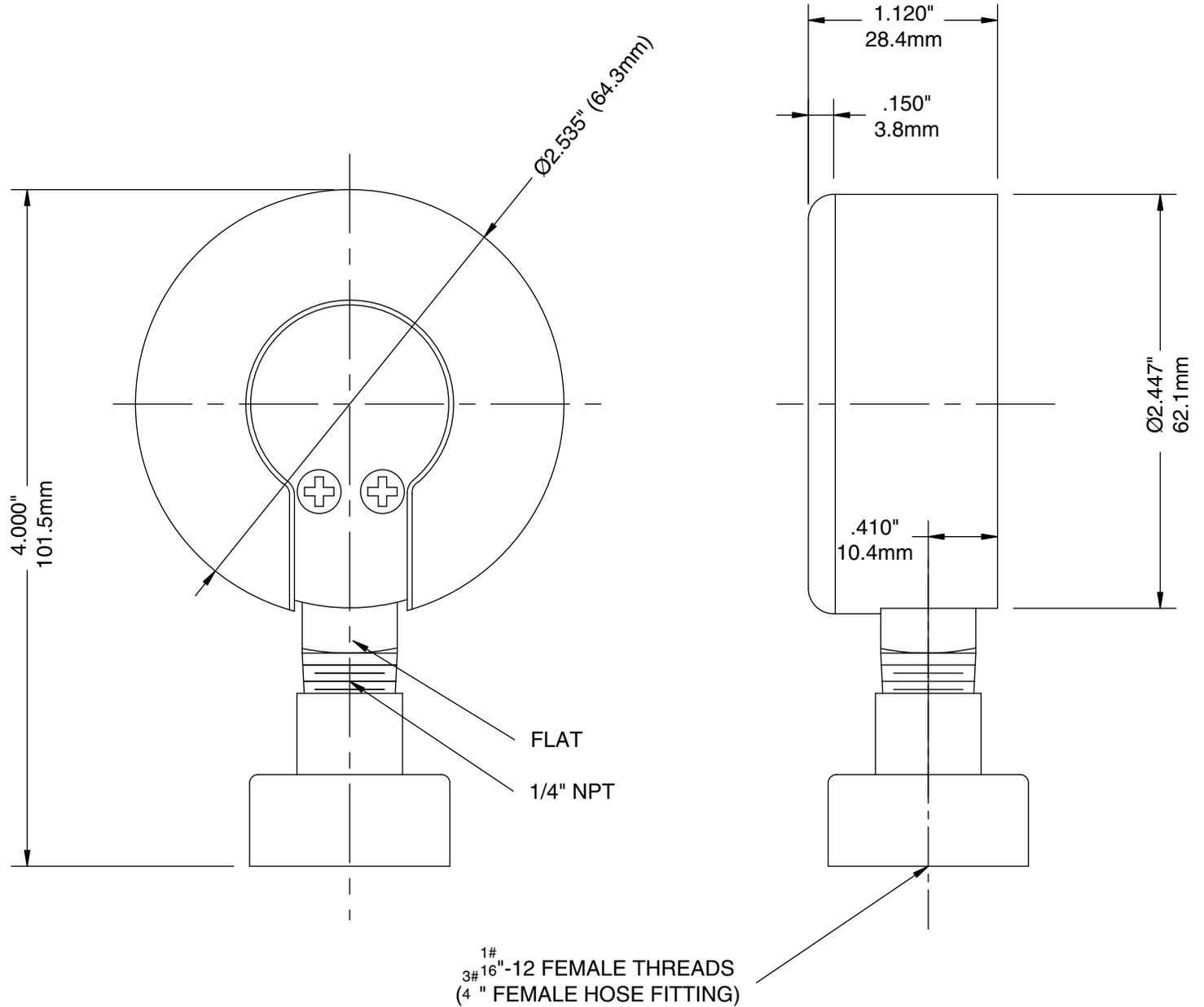
WINTERS INSTRUMENTS

DRAWN BY: E. H.  
 CHECKED BY:  
 ENG. APPROVAL:  
 APPROVED BY:

ALL DIMENSIONS IN INCHES  
 TOLERANCES  
 (unless otherwise stated)  
 Fractional: 1/64"  
 Decimal: 0.06"  
 REVISION No. & DATE: APR. 21, 2002

TITLE:  
 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.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional:

1/64"

Decimal:

0.06"

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).

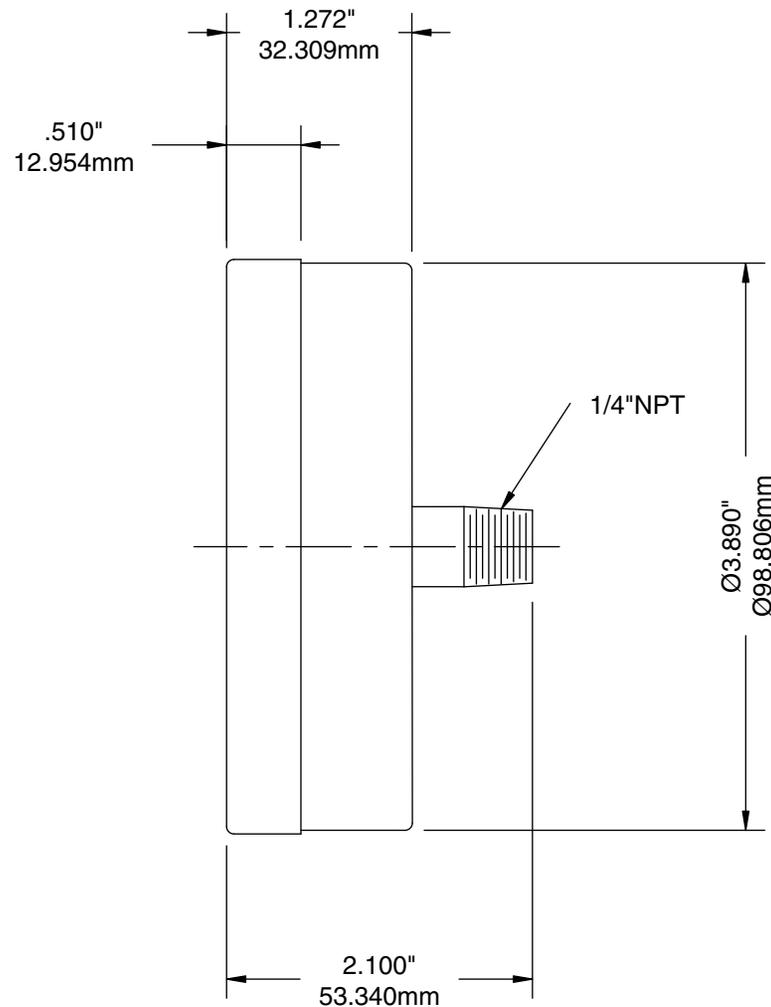
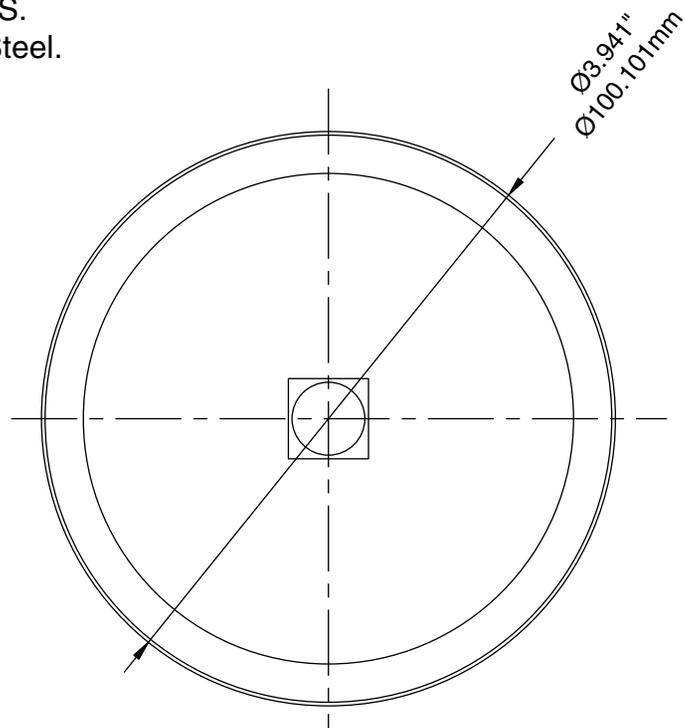
Case: Steel, painted black.

Bezel: Steel, chrome plated.

Lens: Polycarbonate.

Tube: 316 S/S.

Movement: Steel.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES / MM

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"	0.4mm
Decimal:	0.06"	1.5mm

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).

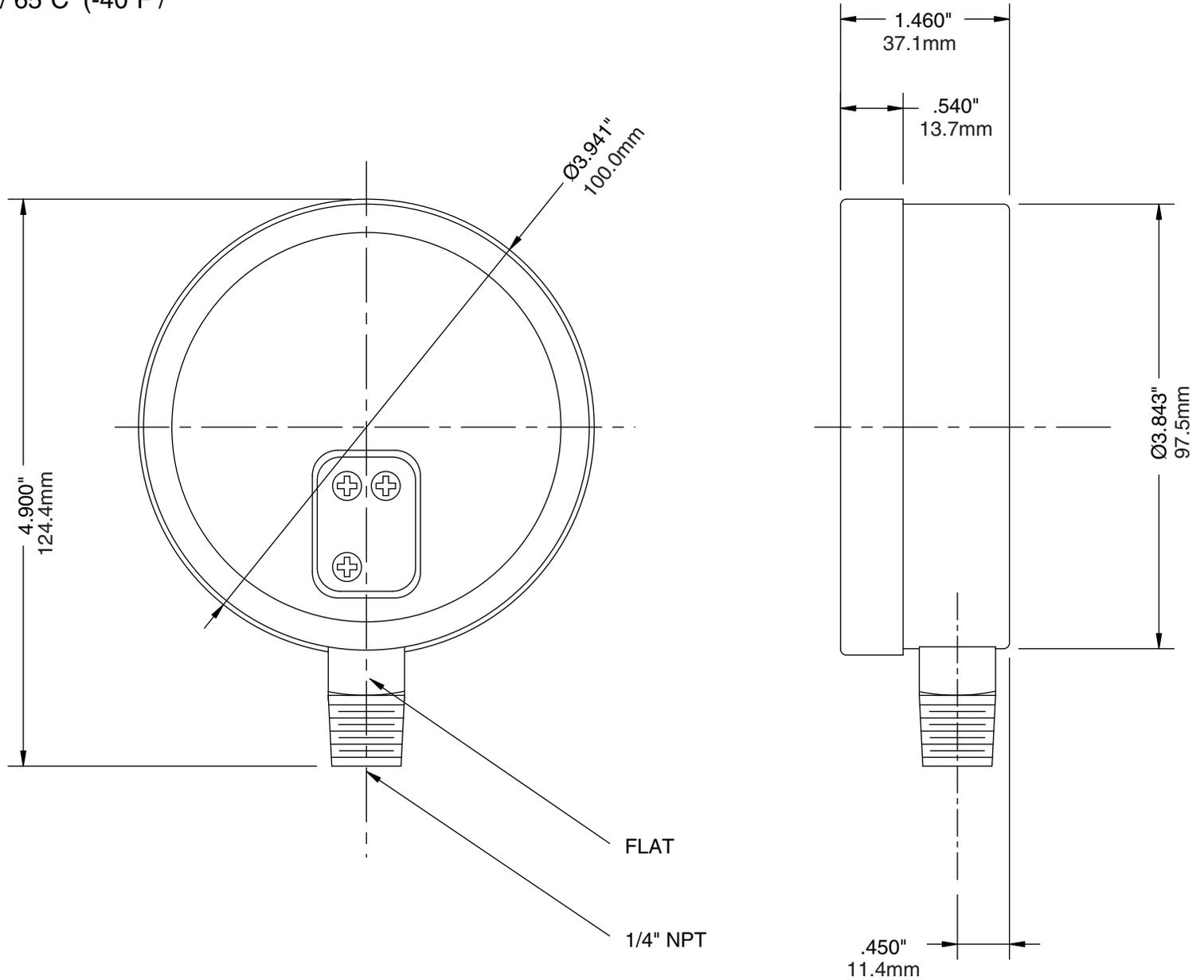
Case: Steel, painted black.

Bezel: 304 S/S.

Lens: Polycarbonate.

Socket: Nickel plated steel.

Tube: Brass.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional: 1/64"

Decimal: 0.06"

REVISION No. & DATE: APR. 15, 2002

TITLE:

4" AMMONIA SERIES ECONOMY GAUGE,  
BOTTOM CONNECTION

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