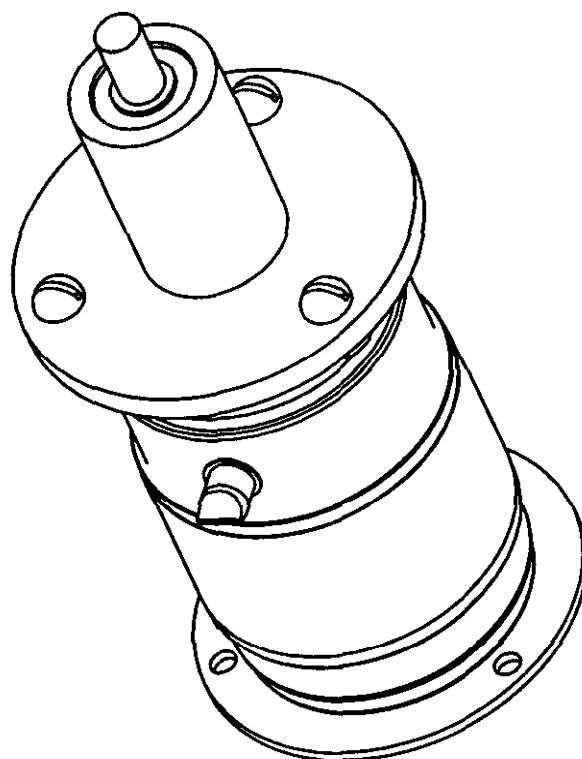




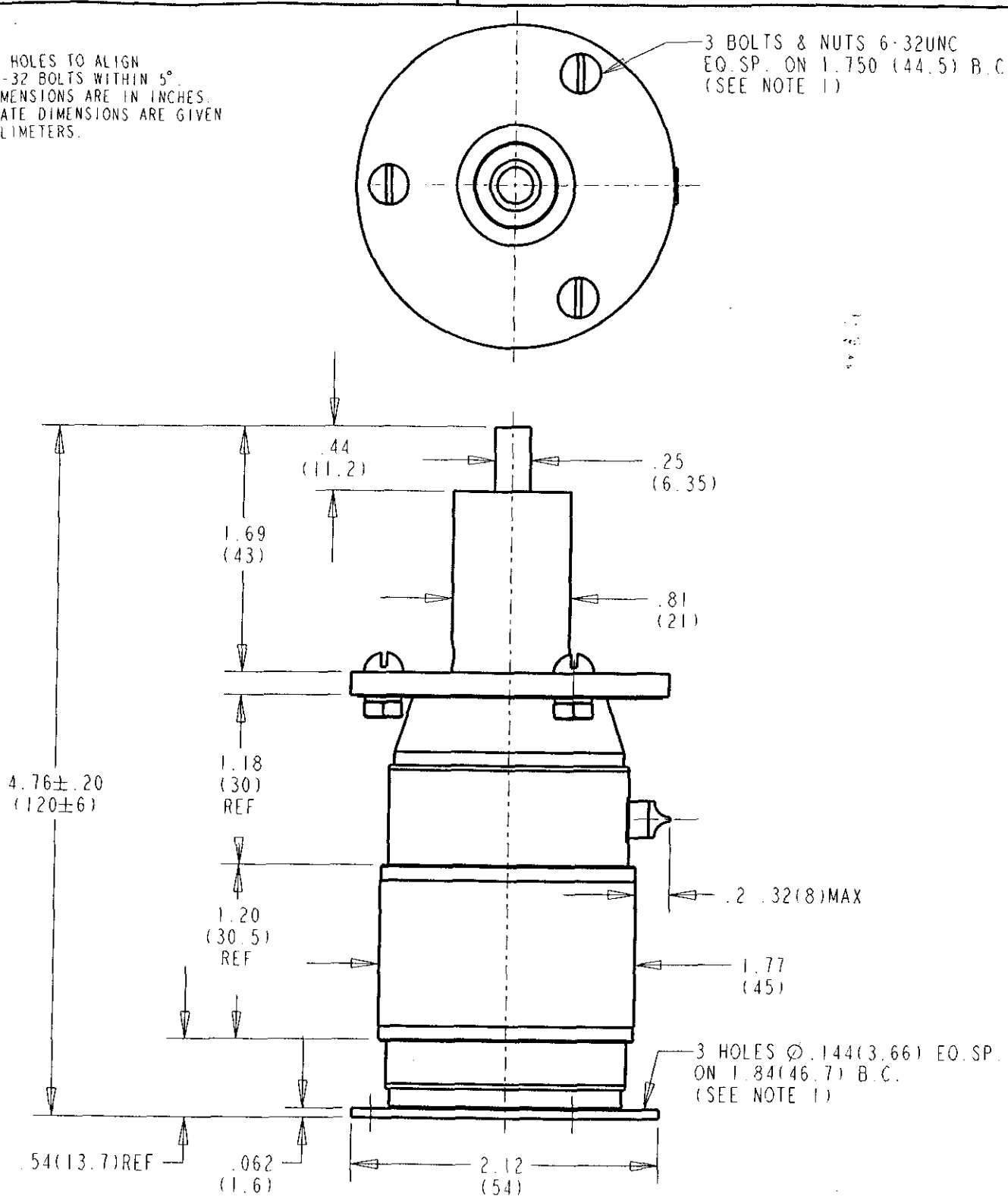
SCALE 1.000

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-	-	-	-	-	STANDARD UNIT: INCHES TOLERANCES, UNLESS NOTED: X.X ± 0.1 X.XX ± 0.03 X.XXX ± 0.01 $\angle \pm 2^\circ$	Jennings Technology 970 McLaughlin, Ave, San Jose, CA 95122 Ph (408) 292-4025, Fax (408) 271-1534	
-	-	-	-	-			
-	-	-	-	-			
-	-	-	-	-			
-	-	-	-	-			
-	-	-	-	-	CAPACITOR-VACUUM, VARIABLE C/GCS-100-00	DRAWING NO. 3133	
-	-	-	-	-			
-	-	-	-	-	DRAWN	Henrikas Skorobogatas	REV -
-	-	-	-	-	ENGR	Henrikas Skorobogatas	
-	ORIGINAL ISSUE	-	11/16/00	HS	MNGR	Jerzy Puchacz	-
REV	DESCRIPTION	NUMBER	DATE	DRAWN	12/6/05	SHEET 1 OF 5	

NOTES:

1. FLANGE HOLES TO ALIGN WITH 6-32 BOLTS WITHIN 5°.
2. ALL DIMENSIONS ARE IN INCHES. ALTERNATE DIMENSIONS ARE GIVEN IN MILLIMETERS.



SCALE 1.000

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STANDARD UNIT: INCHES

TOLERANCES UNLESS NOTED:

X.X ± 0.1

X.XX ± 0.03

X.XXX ± 0.01

≤ ± 2°

DRAWN Henrikas Skorobogatas

ENGR Henrikas Skorobogatas

MNGR *R27 12/01/00*

SHEET 2 OF 5

NAME

C/GCS-100-00

DRAWING NO.

3133

REV

-

12/6/00

REV

-

Notes :

1.0 Description :

Capacitor-vacuum Variable C/GCS-100-00**

* Last two digits specify 60 Hz Test Voltage
(e . g . 15 kV 60 Hz Test C/GCS-100-0015)

2.0 Acceptance Testing :

2.1 Capacitance Range :

The minimum capacitance shall not be more than 5 pF.

The maximum capacitance shall not be less than 100 pF.

2.2 60 Hz Test Voltage : 15, 10, & 7.5 kV Peak

2.3 Dimensions : See sheet 2.

3.0 Electrical Characteristics :

3.1 RF Working Voltage : 9, 6, & 4.5 kV Peak

3.2 RF Current : 54.2 A , RMS max . (at 13.56 MHz) .

3.3 Capacitance vs. Rotation : see sheet 4.

4.0 Mechanical Characteristics :

4.1 Operating Temperature : -55°C to +125°C

4.2 Insulator : Ceramic

4.3 Torque : 30 oz (f) inch (0.21 Nm) max .

4.4 Nominal Weight : .75 lbs (.34 kg) .

5.0 Marking

Capacitor shall be marked as follows :

JENNINGS (Decal)

Model Number C/GCS-100- 00** (eg. C/GCS-100-007.5)

Capacitance Range 5 - 100 pF

60 Hz Test Voltage

Date Code

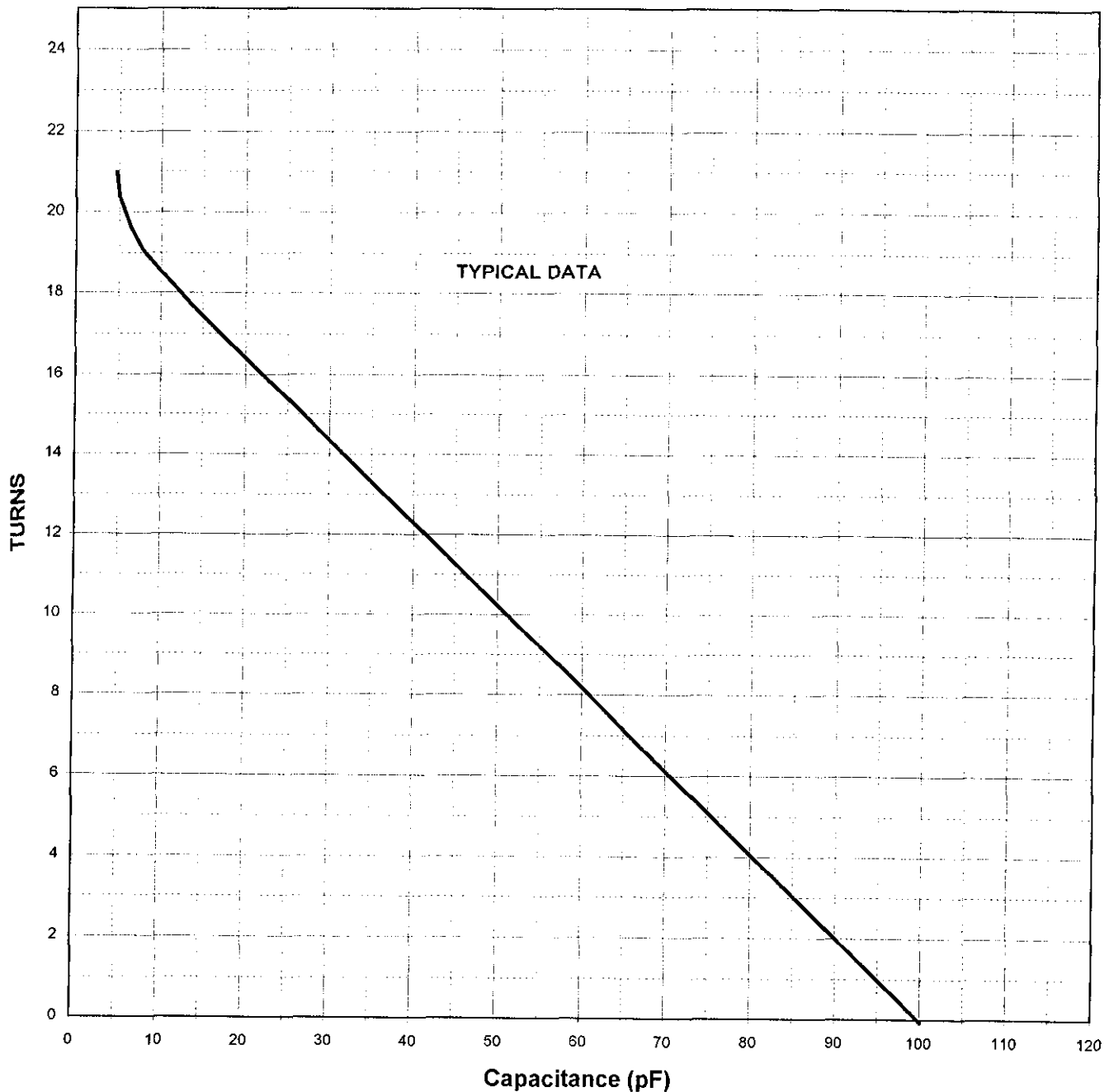
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRACTIONS DECIMALS ANGLES	CODE IDENT.NO. 73905	SIZE A	DRAWING NO. 3133
	SCALE	UNIT WEIGHT	SHEET 3 OF 5

REV

REV

-

CAPACITANCE VS TURNS 1/4-28 DRIVE SCREW C/GCS-100-00



UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES

TOLERANCE ON

FRACTIONS DECIMALS ANGLES

CODE IDENT.NO.

73905

SIZE

A

DRAWING NO.

3133

SCALE

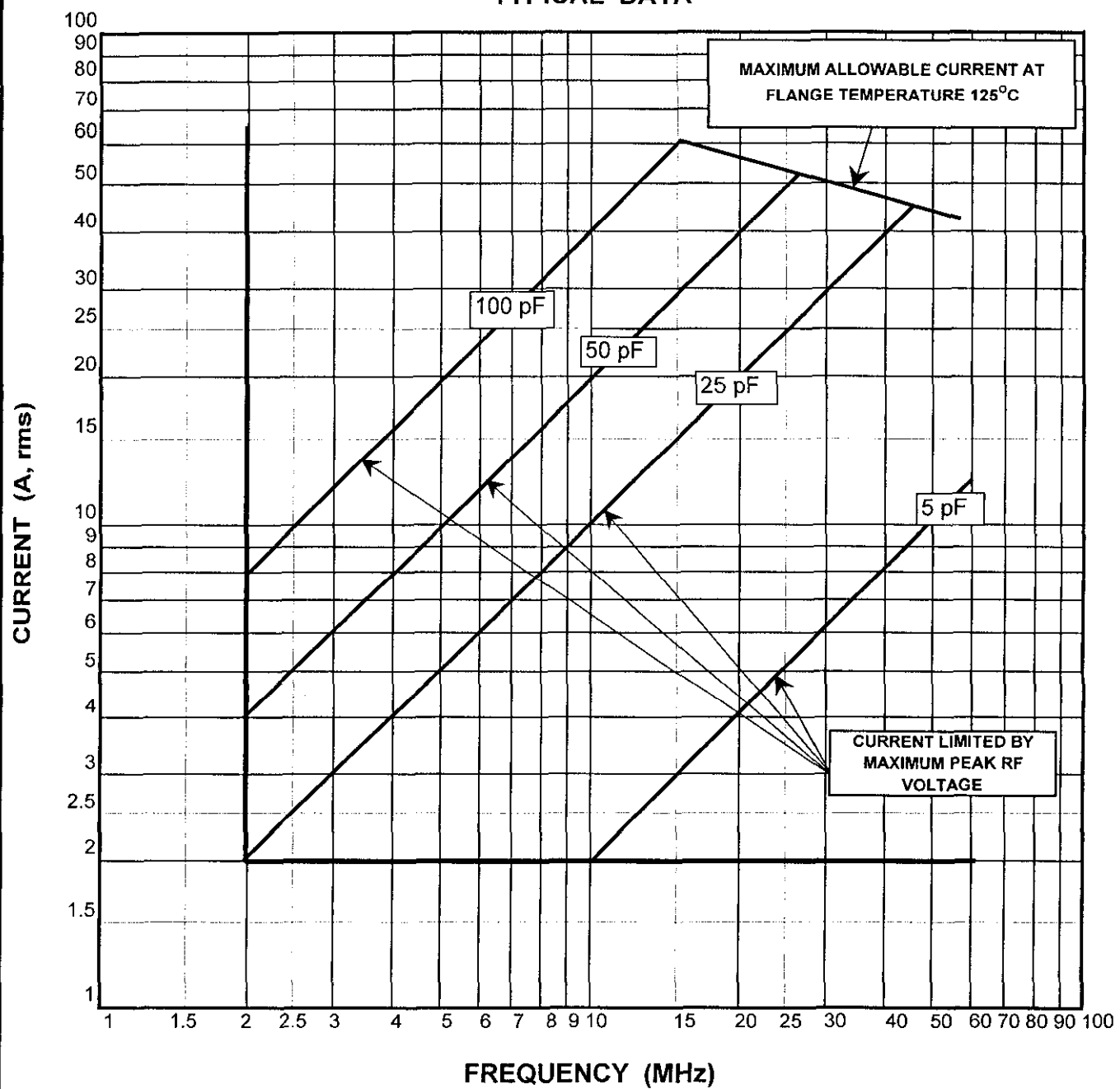
UNIT WEIGHT

SHEET 4 OF 5

REV

REV

TYPICAL DATA



CONTINUOUS CURRENT VS FREQUENCY AT 9 kV PEAK RF VOLTAGE

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRACTIONS DECIMALS ANGLES	CODE IDENT.NO. 73905	SIZE A	DRAWING NO. 3133
	SCALE	UNIT WEIGHT	SHEET 5 OF 5