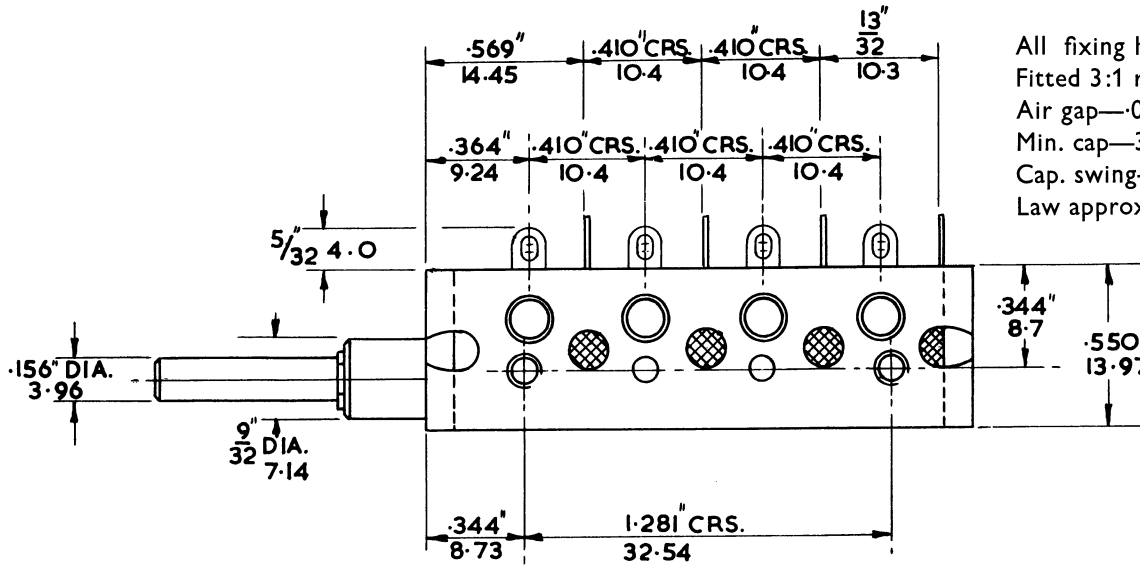


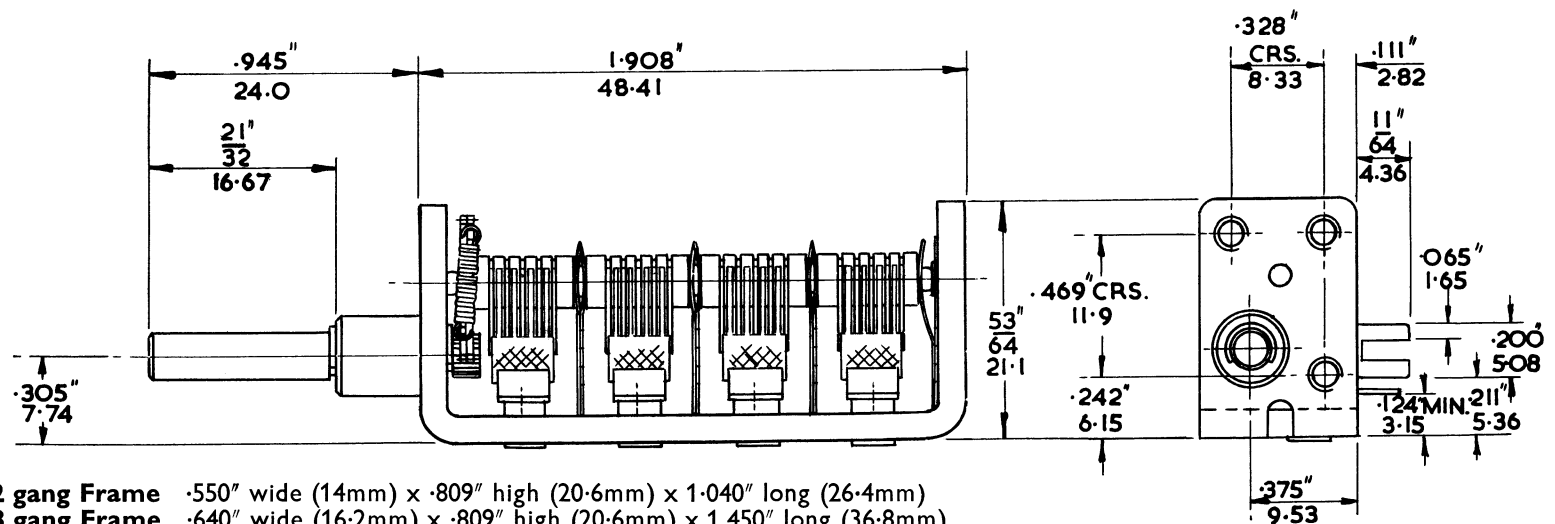
TYPE C21 VHF VARIABLE CAPACITOR



All fixing holes tapped 6 B.A.
Fitted 3:1 ratio gearing.
Air gap—.010" .25
Min. cap—3.4 pF
Cap. swing—14 pF
Law approximately S.L.C.

In 4 gang frame this Capacitor can be made with plain spindle with 2, 3 or 4 sections.

It can also be made with Slow Motion Spindle (approx. 6:1) with 4 gang frame with 2 or 3 sections.



2 gang Frame .550" wide (14mm) x .809" high (20.6mm) x 1.040" long (26.4mm)

3 gang Frame .640" wide (16.2mm) x .809" high (20.6mm) x 1.450" long (36.8mm)

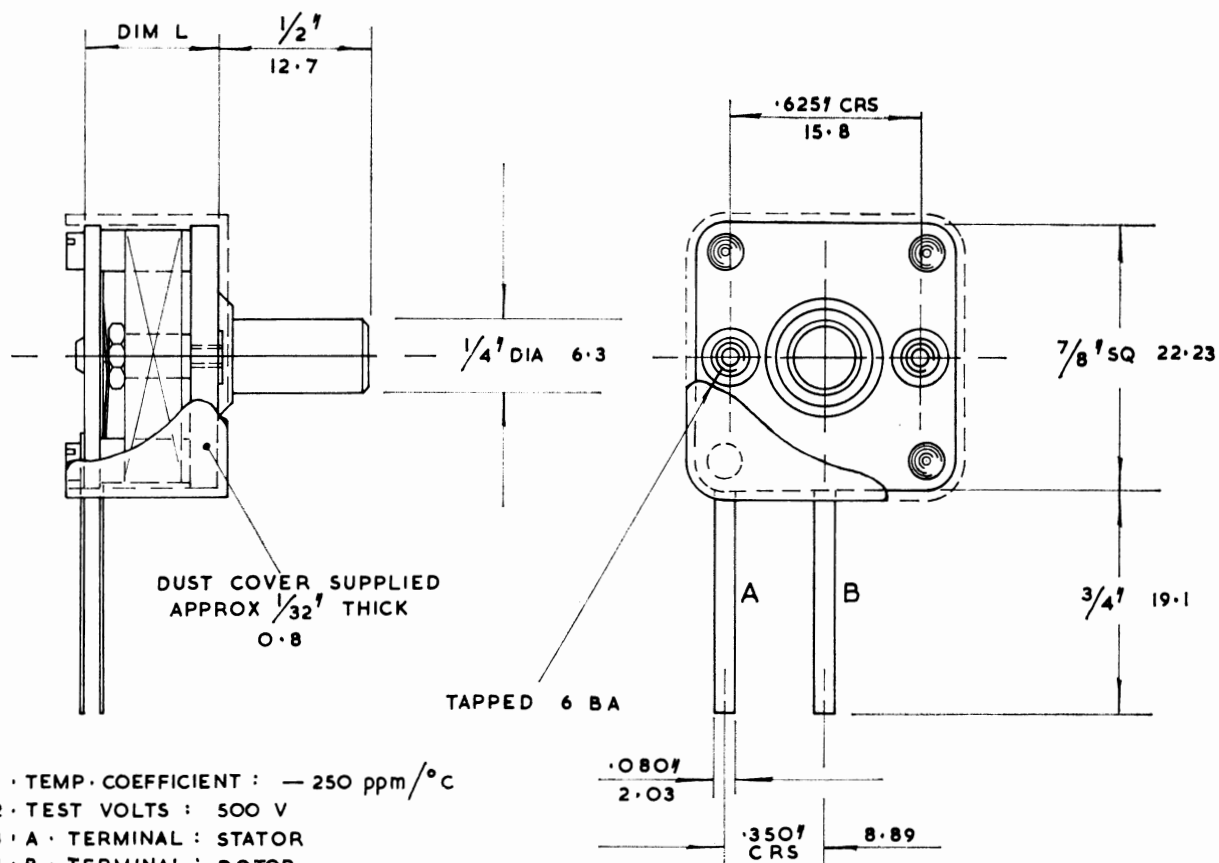
4 gang Frame .550" wide (14mm) x .809" high (20.6mm) x 1.908" long (48.4mm)

All Frames have an integral reduction gear, 3-1 ratio. Minimum Capacitance:— 3 pF. Capacitance Swings:— 14pF per Section.

Air Gap:— .010". Tested at 500 volts. Positive Temperature Coefficient less than 100 p.p.m. per deg. C.

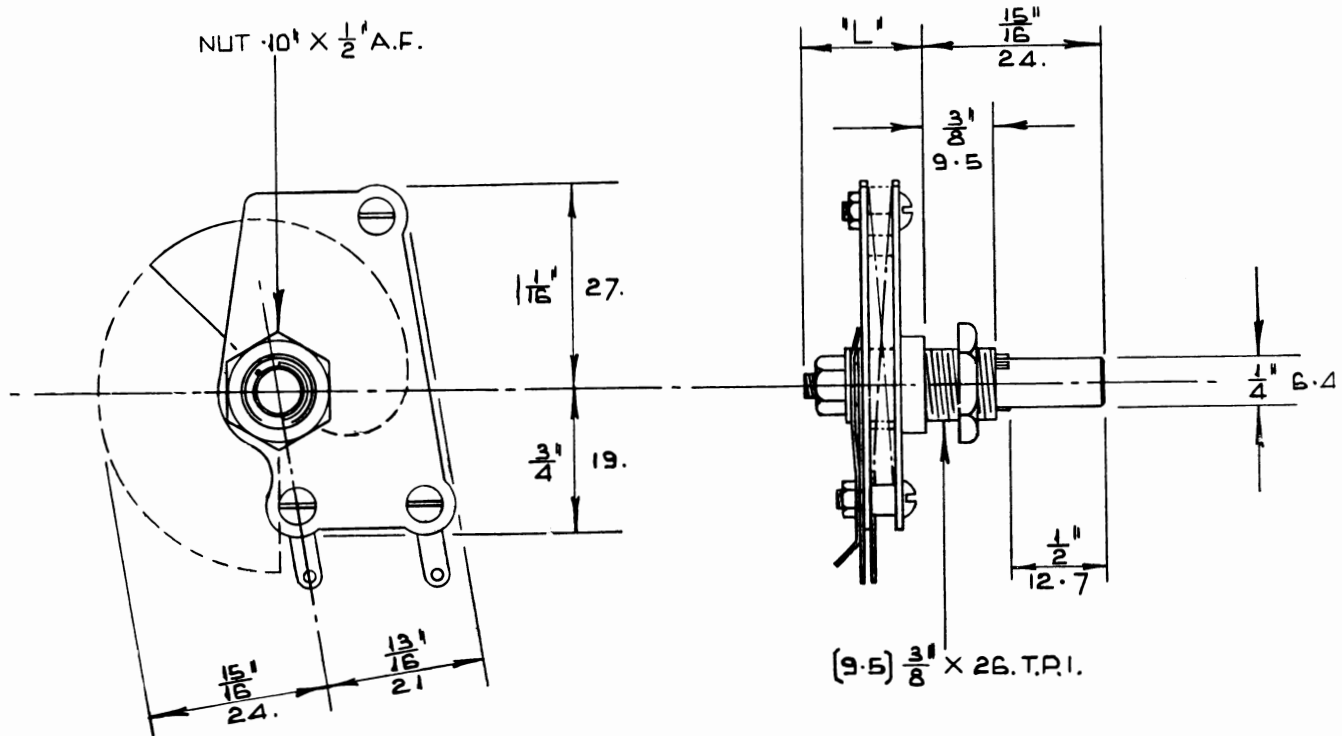
Material Specification:—Steel Frame and Drive Shaft, Aluminium Rotor Vanes, Brass Stator Vanes, Ceramic Insulation. Drawing No. 5560.

DILEMIN ONE GANG VARIABLE CAPACITOR



4151	$\frac{17}{32}$ " 13.45	500pF
4150	$\frac{7}{16}$ " 11.15	300pF
PART N°	DIM L	CAPACITY

"DILECON" CAPACITOR

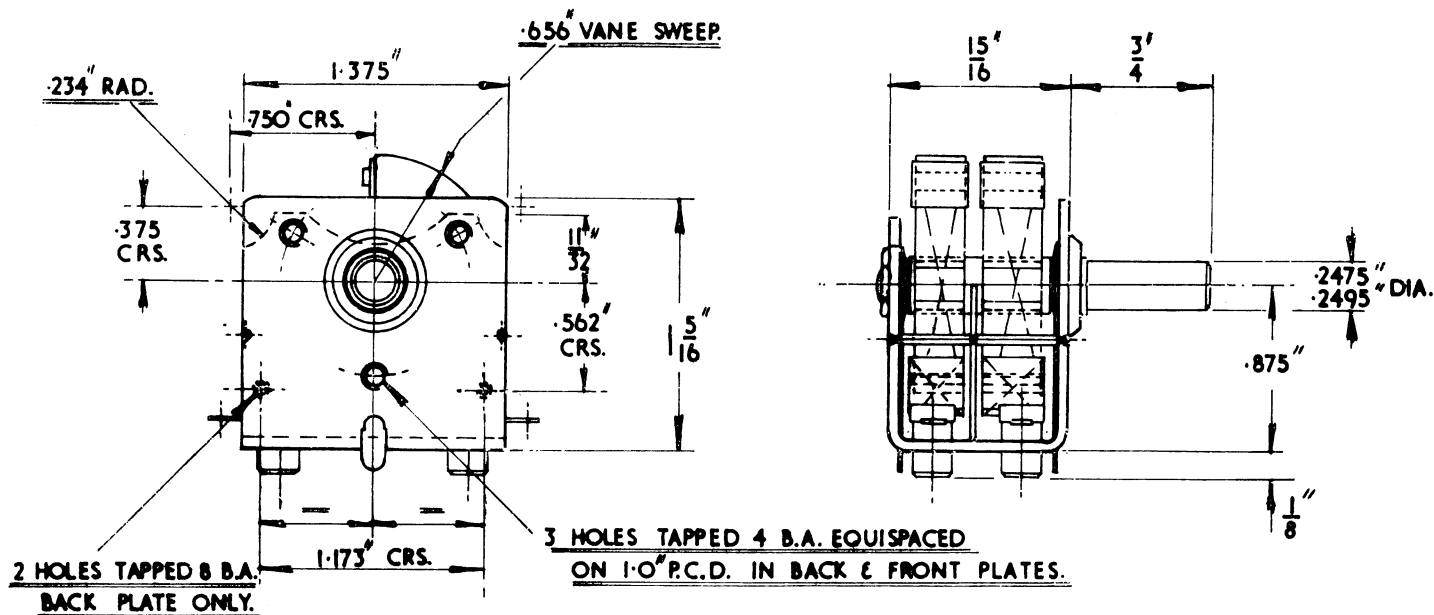


A COMPACT SOLID DIELECTRIC VARIABLE CAPACITOR

C. pF within 20%		CAT. No.	" L "
Min.	Max.		
6	100	3006	16"
6	150	3006a	16"
6	200	2095	16"
6.5	300	2094	16"
7	500	2093	17"
9	750	3005	22"

Tested at 750 Volts.
 Material and Finish Commercial
 Suitable for Panels $\frac{1}{16}$ " - $\frac{1}{4}$ " thickness.
 1.5 6.5

TYPE 0-0 TWIN CAPACITOR



"O" law see page 99

Specification :—Nominal Capacity Front Section :— $10-208$ pF or $8.5-176$ pF Rear Section :— $8.5-176$ pF
Air Gap:— $.0075''$. Tested at 750 Volts. (With Trimmers tested at 300 Volts).

Finish :— All ferrous parts Cadmium Plated. Non-ferrous parts :—Clean. Wipe Contacts :—Silver Plated.

The following extras available to order:—

Concentric spindle slow motion. Rear section tracked for 465 Kc/s. Trimmers 15 pF

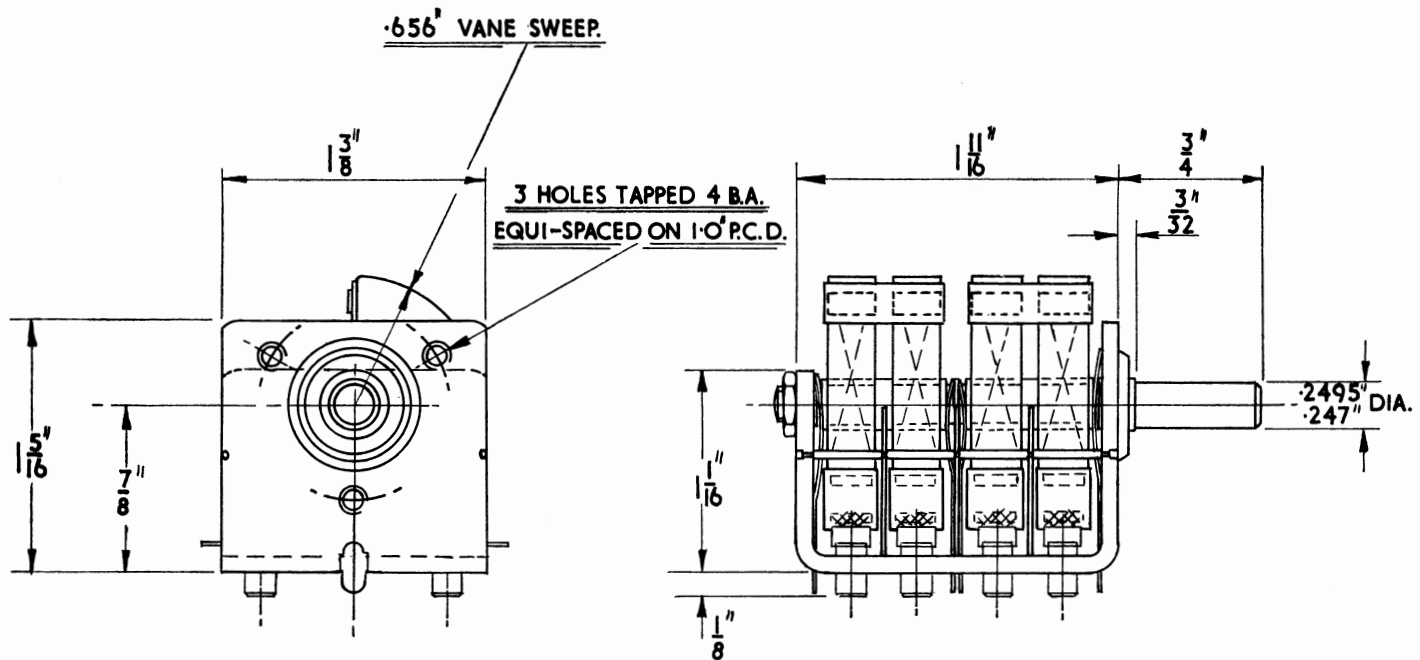
Drawing No. 5265

This can also be made as an FM 2 gang Capacitor having a capacitance swing of 16 pF per Section.

Air Gap:— $.033''$. Tested at 750 Volts. Positive temperature coefficient less than 100 p.p.m. per deg. C.

Drawing No. 5265/FM

TYPE 004 GANG CAPACITOR



"O" law see page 99

Capacity:— 8.5 pF—176 pF per Section

Air Gap:— .0075". Tested at 750 Volts. (With Trimmers tested at 300 Volts). Positive temperature coefficient < 100 p.p.m. per deg. C.

Material Specification:—Steel Frame, Cadmium Plated. Aluminium Vanes. Silver Plated Brass Wipe Contacts. Ceramic Insulation.

Drawing No. 5318/4

Extras available to order:— Concentric Slow Motion Spindle. Sections tracked for 465 Kc/s.

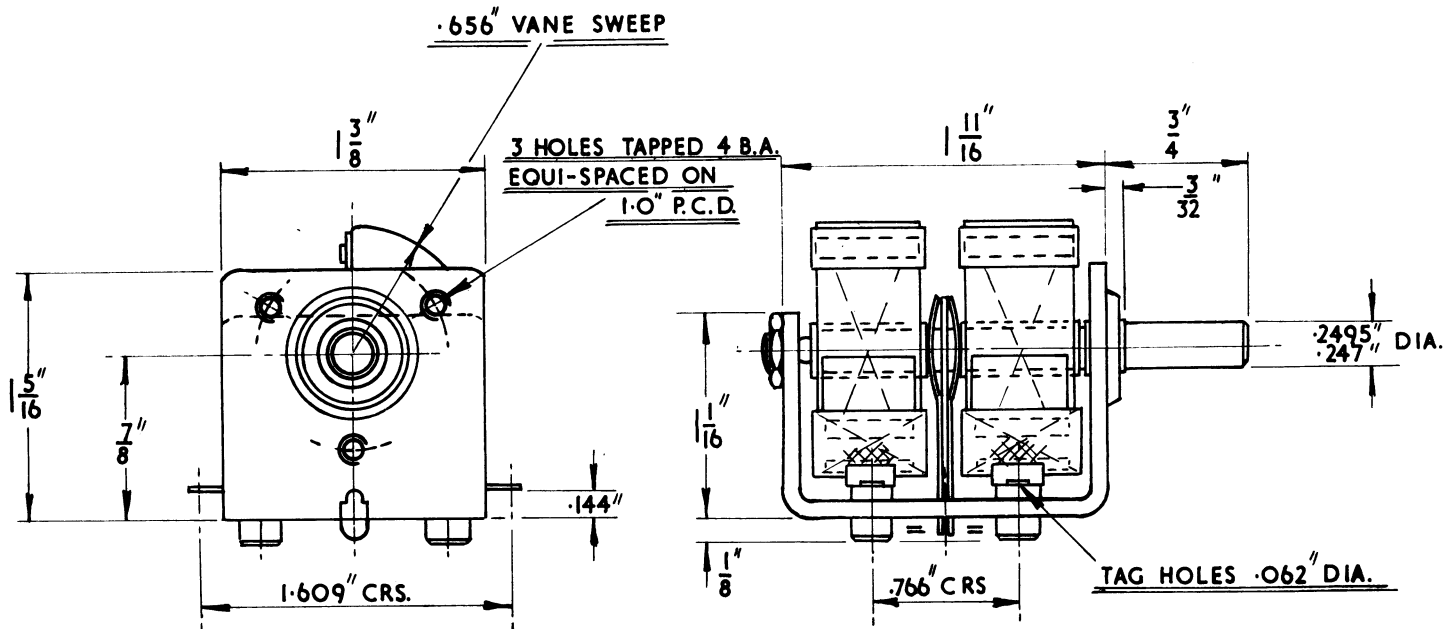
Trimmers 15pF.

This type can be produced in 3 gang Form with or without integral 3-1 reduction gear. Drawing No. 5318/3/IG (with gear)

See page 19 for illustration of integral 3-1 reduction gear.

Drawing No. 5318/3 (without gear)

TYPE O GANG VARIABLE CAPACITOR



"O" law see page 99

Specification :—Min. Capacity :—10 pF. Nom. Capacity Swing :—Various values up to 410 pF
Positive temperature coefficient < 100 p.p.m. per deg. C.

Finish :—All ferrous parts Cadmium Plated. Non-ferrous parts :—Clean. Wipe Contact :—Silver Plated

Air Gap :— $.0085"$ up to 365 pF. $.0075"$ up to 410 pF. Drawing No. 5250/2. Tested at 750 Volts.

Available as FM 2 gang. Min. Capacity :—4 pF Swing 12, 16 or 20 pF.

9 pF Swing 48 pF

Air Gap :— $.033"$ Drawing No. 5250/2/FM

Available in 1 gang :—Length $1\frac{15}{16}"$. Drawing No. 5250/1

The following extras to order :—

Concentric spindle slow motion. Trimmers. 20 pF.

Rear section tracked for 465 Kc/s.

SEE PAGE 31 FOR VARIOUS GEARINGS AVAILABLE

Technical drawings of a mechanical component, showing a front view and a side view with detailed dimensions.

Front View Dimensions:

- Overall width: $1.609''$ CRS.
- Overall height: $.875''$
- Top flange thickness: $\frac{3}{8}''$
- Central circular feature diameter: $.531''$ CRS.
- Bottom flange thickness: $\frac{1}{8}''$
- Bottom flange outer diameter: $.464''$ CRS.
- Bottom flange inner diameter: $.464''$ CRS.
- Bottom flange mounting holes: $.062''$ DIA.
- Top flange mounting holes: $.062''$ DIA.
- Top flange central feature: $.656''$ VANE SWEEP.

Side View Dimensions:

- Overall length: $2.81''$
- Overall height: $1.16''$
- Top flange thickness: $\frac{1}{16}''$
- Bottom flange thickness: $\frac{1}{8}''$
- Central circular feature diameter: $.766''$ CRS.
- Bottom flange outer diameter: $.2495''$ DIA.
- Bottom flange inner diameter: $.247''$ DIA.
- Bottom flange mounting holes: $.062''$ DIA.
- Bottom flange central feature: $.656''$ VANE SWEEP.

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TYPE L GANG CAPACITOR

Specification:—

Steel Frame:— Steel Ball-Bearings:—Aluminium Vanes:—Ceramic Insulation Pillars.

All other parts:—Brass

Available in various capacities up to

518 pF Swing.—Air Gap .011"

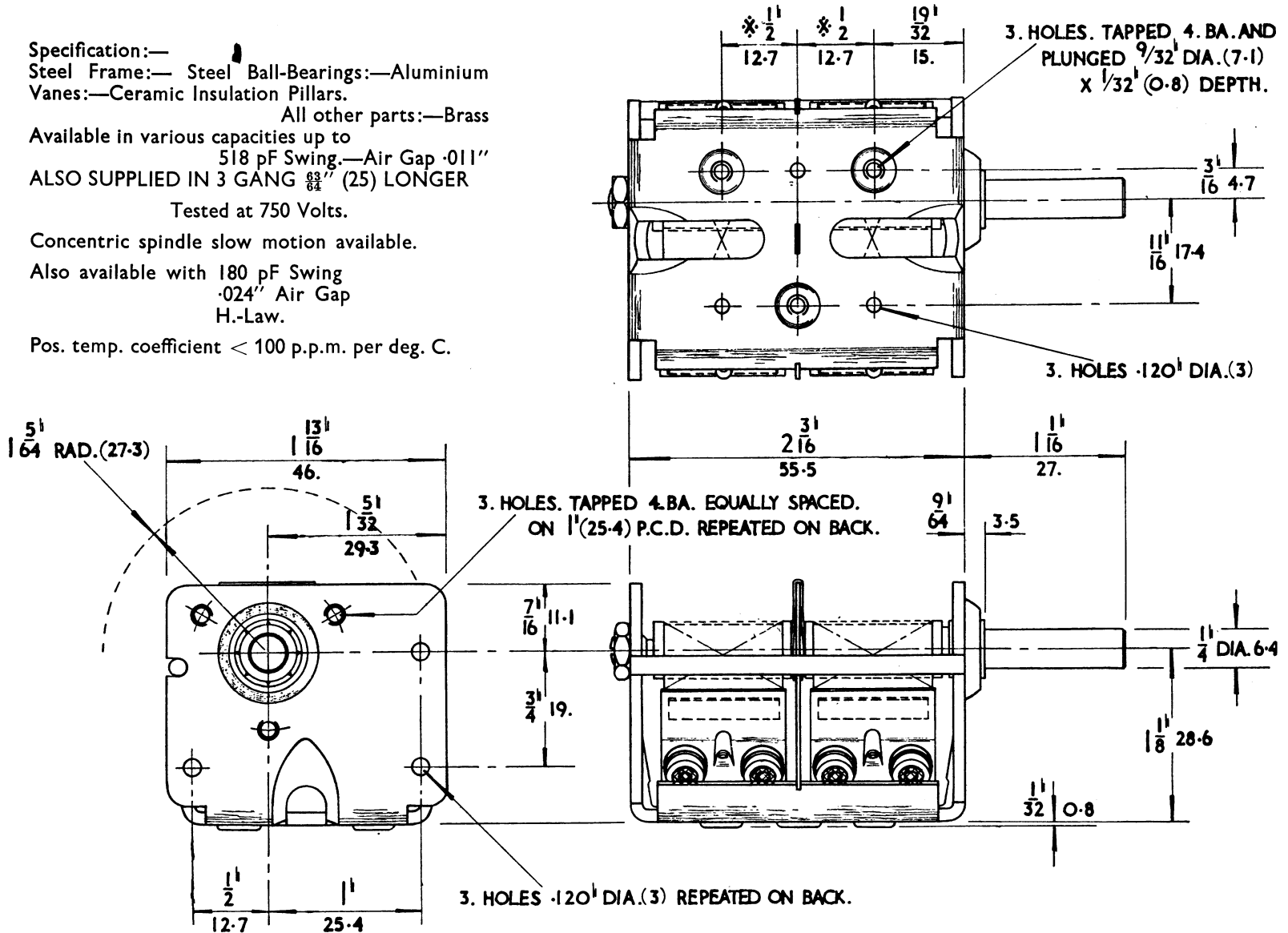
ALSO SUPPLIED IN 3 GANG $\frac{63}{64}$ " (25) LONGER

Tested at 750 Volts.

Concentric spindle slow motion available.

Also available with 180 pF Swing
·024" Air Gap
H.-Law.

Pos. temp. coefficient < 100 p.p.m. per deg. C.



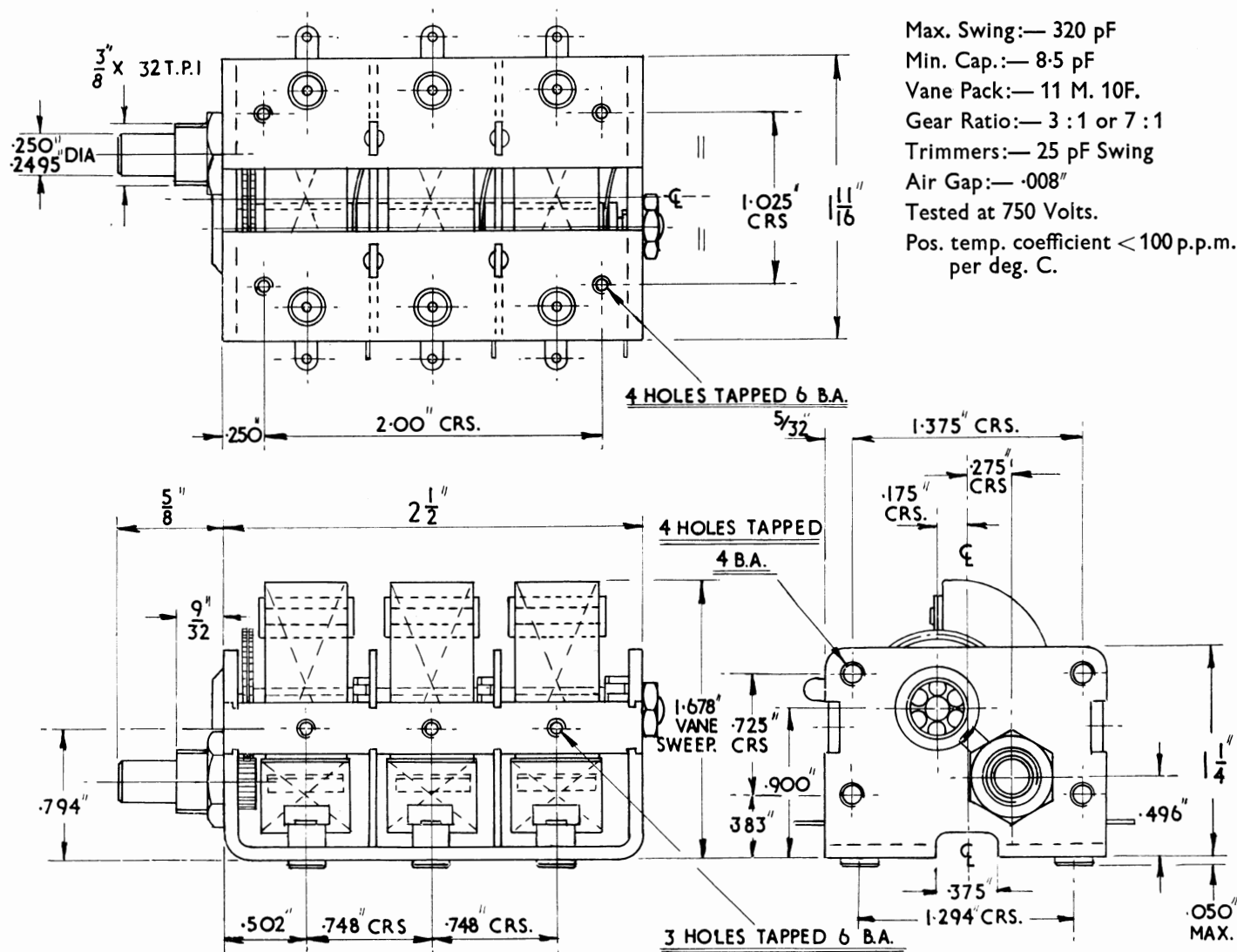
H.-law see page 99

Drawing No: 5084

METRIC AS WELL AS ENGLISH DIMENSIONS SHOWN.

SEE PAGE 31 FOR VARIOUS GEARINGS AVAILABLE

TYPE P.303 GANG CAPACITOR



Specification:— Steel Frame and Drive Shaft, Aluminium Vanes, Ceramic Insulation. Other Parts:— Brass.

Fitted Internal Gear:— Ratios of 3-1 and 7-1 available. Drawing No. 4280/G.

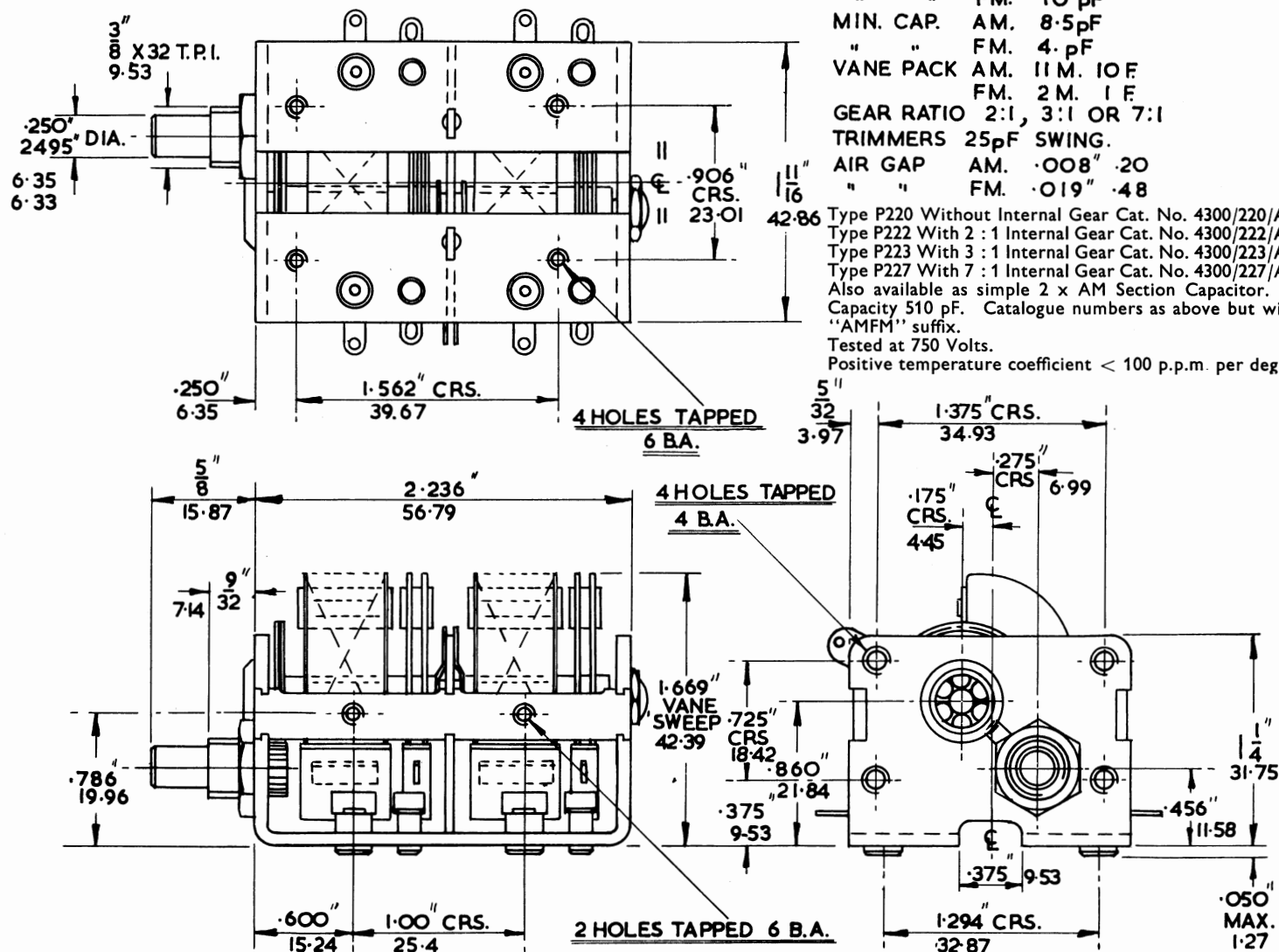
Available as:— Plain Spindle. Drg. No. 4280.

Plain Spindle FM. Cap Swing 22.5 pF. Air Gap .031". Vanes .031" thick. Drg. No. 4280/FM. P.-Law, see Page 99.

TYPE P220, P222, P223, P227 GANG CAPACITORS

MAX. SWING	AM.	320 pF
"	FM.	10 pF
MIN. CAP.	AM.	8.5 pF
"	FM.	4. pF
VANE PACK	AM.	11 M. 10 F.
"	FM.	2 M. 1 F.
GEAR RATIO	2:1, 3:1 OR 7:1	
TRIMMERS	25 pF SWING.	
AIR GAP	AM.	.008" .20
"	FM.	.019" .48

Type P220 Without Internal Gear Cat. No. 4300/220/AMFM
 Type P222 With 2 : 1 Internal Gear Cat. No. 4300/222/AMFM
 Type P223 With 3 : 1 Internal Gear Cat. No. 4300/223/AMFM
 Type P227 With 7 : 1 Internal Gear Cat. No. 4300/227/AMFM
 Also available as simple 2 x AM Section Capacitor. Max. Capacity 510 pF. Catalogue numbers as above but without "AMFM" suffix.
 Tested at 750 Volts.
 Positive temperature coefficient < 100 p.p.m. per deg. C.



P.-Law see page 99.