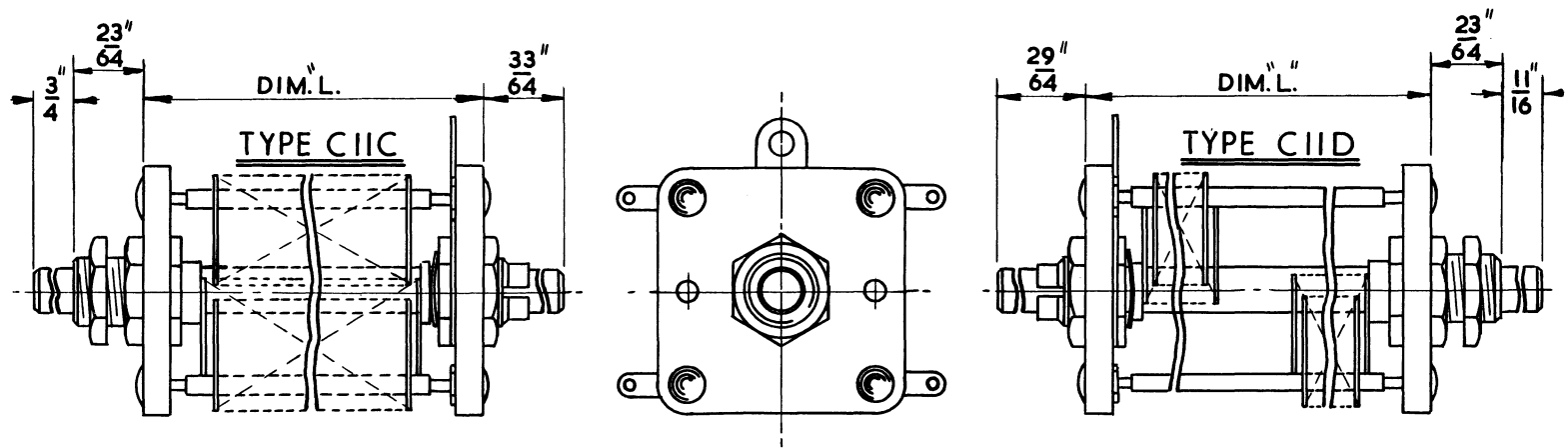
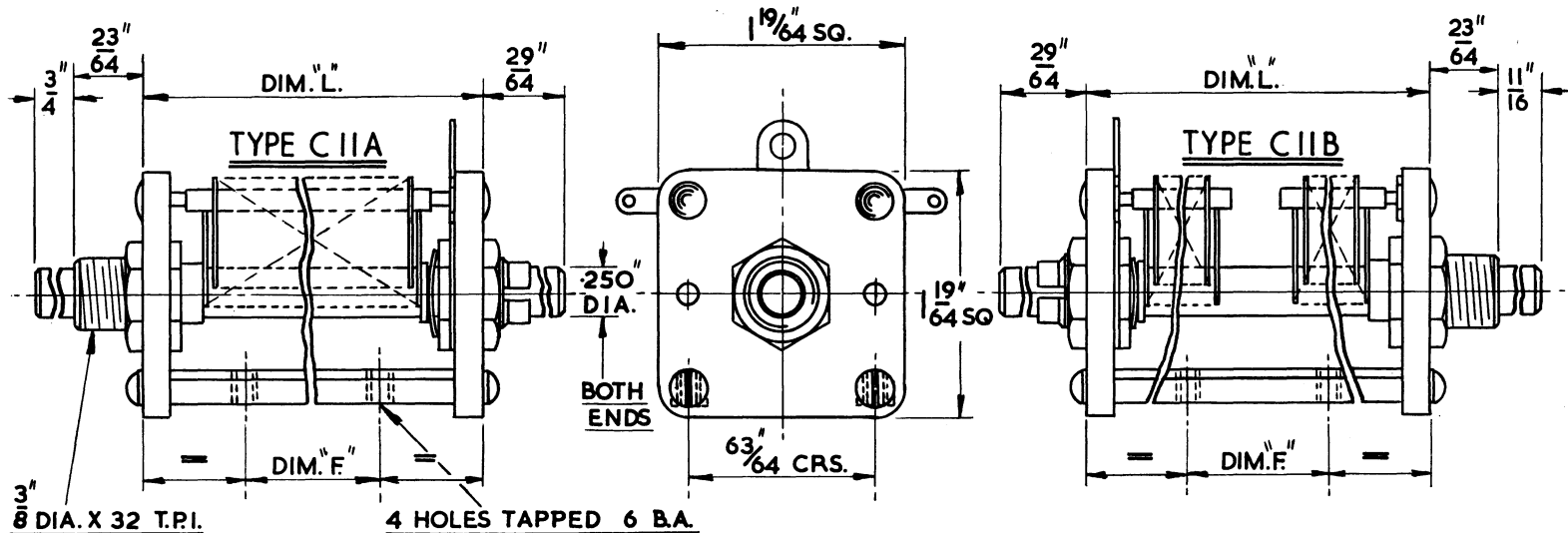


TYPE CII CAPACITORS CIIA, CIIB, CIIC, CIID



Siliconed Ceramic End Plates, Brass Vanes Silver Plated, S L C Law Finish DEF 5000. See Tables page 57. Drawing No. 5050

Positive temperature coefficient less than 50 p.p.m. per deg. C.

CIIA

MAX. CAP. PF SWING $\pm 5\%$ OR ± 2 PF	AIR GAP	Nº OF VANES M F		TEST VOLT		MAX. DIM. L LENGTH $\pm 1/32$ "	DIM. F
				PEAK	RMS		
572	.012"	40	39	500	350	$3\frac{11}{16}$ "	$2\frac{19}{32}$ "
250	.023"	32	31	1000	720	$3\frac{11}{16}$ "	$2\frac{19}{32}$ "
148	.030"	25	24	1400	1000	$3\frac{11}{16}$ "	$2\frac{19}{32}$ "
142	.040"	30	29	2000	1400	$4\frac{15}{32}$ "	$3\frac{3}{8}$ "
79	.048"	21	20	2000	1400	$3\frac{11}{16}$ "	$2\frac{19}{32}$ "
33.5	.070"	13	12	3000	2100	$3\frac{1}{32}$ "	$1\frac{15}{16}$ "
30	.084"	14	13	3500	2500	$3\frac{11}{16}$ "	$2\frac{19}{32}$ "
14 ± 1 PF	.120"	10	9	4000	3000	$3\frac{11}{16}$ "	$2\frac{19}{32}$ "
9.5 ± 1 PF	.138"	8	7	4500	3200	$3\frac{3}{16}$ "	$2\frac{3}{16}$ "

CIIB

PER-SECTION MAX. CAP. PF SWING $\pm 5\%$ OR ± 2 PF	AIR GAP	Nº OF VANES M F		TEST VOLT		MAX. DIM. L LENGTH $\pm 1/32$ "	DIM F
				PEAK	RMS		
264 + 264	.012"	2 X 19	2 X 18	500	350	$3\frac{11}{16}$ "	$2\frac{19}{32}$ "
80 + 80	.023"	2 X 11	2 X 10	1000	720	$3\frac{1}{32}$ "	$1\frac{15}{16}$ "
68 + 68	.030"	2 X 12	2 X 11	1400	1000	$3\frac{11}{16}$ "	$2\frac{19}{32}$ "
64 + 64	.040"	2 X 14	2 X 13	2000	1400	$4\frac{15}{32}$ "	$3\frac{3}{8}$ "
35 + 35	.048"	2 X 10	2 X 9	2000	1400	$3\frac{11}{16}$ "	$2\frac{19}{32}$ "
14 + 14 ± 1 PF	.070"	2 X 6	2 X 5	3000	2100	$3\frac{1}{32}$ "	$1\frac{5}{16}$ "
11.5 + 11.5 ± 1 PF	.084"	2 X 6	2 X 5	3500	2500	$3\frac{11}{16}$ "	$2\frac{19}{32}$ "
5 + 5 ± 1 PF	.120"	2 X 4	2 X 3	4000	3000	$3\frac{11}{16}$ "	$2\frac{19}{32}$ "
3 + 3 ± 1 PF	.138"	2 X 3	2 X 2	4500	3200	$3\frac{3}{16}$ "	$3\frac{1}{16}$ "

CIIC

PER-SECTION MAX. CAP. PF SWING $\pm 5\%$ OR ± 2 PF	AIR GAP	Nº OF VANES M F		TEST VOLTS		MAX. DIM. L LENGTH $\pm 1/32$ "
				PEAK	RMS	
572 + 572	.012"	40	2 X 39	500	350	$3\frac{31}{64}$ "
186 + 186	.023"	24	2 X 23	1000	720	$2\frac{27}{32}$ "
148 + 148	.030"	25	2 X 24	1400	1000	$3\frac{17}{64}$ "
152 + 152	.040"	32	2 X 31	2000	1400	$4\frac{41}{64}$ "
79 + 79	.048"	21	2 X 20	2000	1400	$3\frac{9}{16}$ "
33.5 + 33.5	.070"	13	2 X 12	3000	2100	$2\frac{15}{16}$ "
30 + 30	.084"	14	2 X 13	3500	2500	$3\frac{31}{64}$ "
14 + 14 ± 1 PF	.120"	10	2 X 9	4000	3000	$3\frac{17}{64}$ "
9.5 + 9.5 ± 1 PF	.138"	8	2 X 7	4500	3200	$2\frac{15}{16}$ "

CIID

PER-SECTION MAX. CAP. PF SWING $\pm 5\%$ OR ± 2 PF	AIR GAP	Nº OF VANES M F		TEST VOLTS		MAX. DIM. L LENGTH $\pm 1/32$ "
				PEAK	RMS	
425 + 425	.012"	2 X 30	2 X 29	500	350	$4\frac{59}{64}$ "
178 + 178	.023"	2 X 23	2 X 22	1000	720	$4\frac{29}{32}$ "
117 + 117	.030"	2 X 20	2 X 19	1400	1000	$4\frac{57}{64}$ "
78 + 78	.040"	2 X 17	2 X 16	2000	1400	$4\frac{57}{64}$ "
54 + 54	.048"	2 X 15	2 X 14	2000	1400	$4\frac{55}{64}$ "
30.5 + 30.5	.070"	2 X 12	2 X 11	3000	2100	5"
21 + 21	.084"	2 X 10	2 X 9	3500	2500	$4\frac{25}{32}$ "
11 + 11 ± 1 PF	.120"	2 X 8	2 X 7	4000	3000	5"
8 + 8 ± 1 PF	.138"	2 X 7	2 X 6	4500	3200	$4\frac{57}{64}$ "

THE ABOVE TABLES SHOW THE DIMENSIONS CORRESPONDING WITH THE LARGEST CAPACITANCE IN EACH AIR GAP.

LOWER CAPACITIES ARE AVAILABLE WHEN DIMENSIONS L & F WILL BE LESS.

FULL DETAILS ON APPLICATION.

ALSO AVAILABLE:

TYPE CII E WHICH IS THE SAME AS CII A BUT HAVING ROUND FRAME BARS.

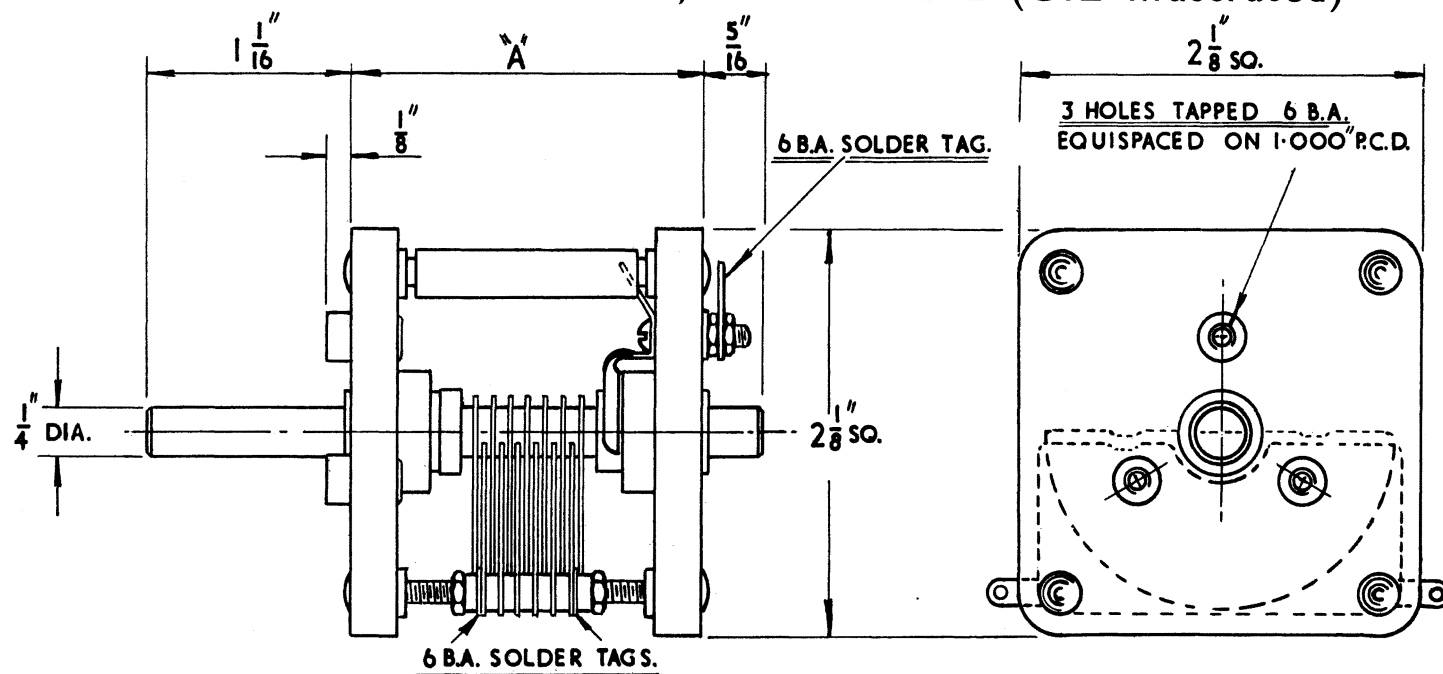
TYPE CII F WHICH IS THE SAME AS CII A BUT HAVING ROUND FRAME BARS & END PLATES SECURED BY SCREWS INSTEAD OF RIVETS.

TYPE CII G WHICH IS THE SAME AS CII E BUT HAVING SEALED SPINDLE & BUSH.

TYPE CII H SINGLE END PLATE WITH SEALED SPINDLE.

TYPE CII J SINGLE END PLATE (SPINDLE NOT SEALED).

CAPACITORS TYPES C9, C10 and C12 (C12 illustrated)



NOTE:- POSITIVE END STOP 0° - 180°
CLOCKWISE ROTATION-INCREASE IN CAPACITY.
S.L.C. LAW.

"Positive Temperature coefficient + 50 p.p.m. per deg. C.

Test voltages: .019" Air Gap:— 750V D.C.
.024" Air Gap:— 1000V D.C.
.048" Air Gap:— 2000V D.C.
.084" Air Gap:— 3500V D.C.

PART No.	CAPACITY		NO. VANES		AIR GAP	DIM. A $\pm \frac{1}{32}$
	MAX.	MIN.	MOVING	FIXED		
5021-1	500	17	21	20	.024"	$3\frac{5}{32}$ "
5021-2	350	12	15	14	.024"	$2\frac{19}{32}$ "
5021-3	300	11	13	12	.024"	$2\frac{13}{32}$ "
5021-4	250	11	11	10	.024"	$2\frac{7}{32}$ "
5021-5	200	10	9	8	.024"	$2\frac{1}{32}$ "
5021-6	150	8	7	6	.024"	$1\frac{27}{32}$ "

PART No.	CAPACITY		NO. VANES		AIR GAP	DIM. A $\pm \frac{1}{32}$
	MAX.	MIN.	MOVING	FIXED		
5021-7	150	13	13	12	.048"	$2\frac{29}{32}$ "
5021-8	100	11	9	8	.048"	$2\frac{11}{32}$ "
5021-9	75	9	7	6	.048"	$2\frac{1}{32}$ "
5021-10	50	7	5	4	.048"	$1\frac{25}{32}$ "
5021-11	1000	28	35	34	.019"	4"
5021-12	300	26	25	24	.048"	$4\frac{11}{16}$ "
5021-13	250	24	21	20	.048"	$4\frac{1}{32}$ "

Type C9 Pt. No. 5070 as above but Plain Bearings.

Dim A is reduced by $\frac{11}{32}$ ". Spindle lengths increased by $\frac{11}{16}$ ".

Type C10 Pt. No. 5060 DIFFERENTIAL but Plain Bearings. Dimensions as C9.

Type C12 is also available in DIFFERENTIAL form.

SPLIT STATOR CAPACITORS

TYPES C9/S.S. AND C12/S.S.

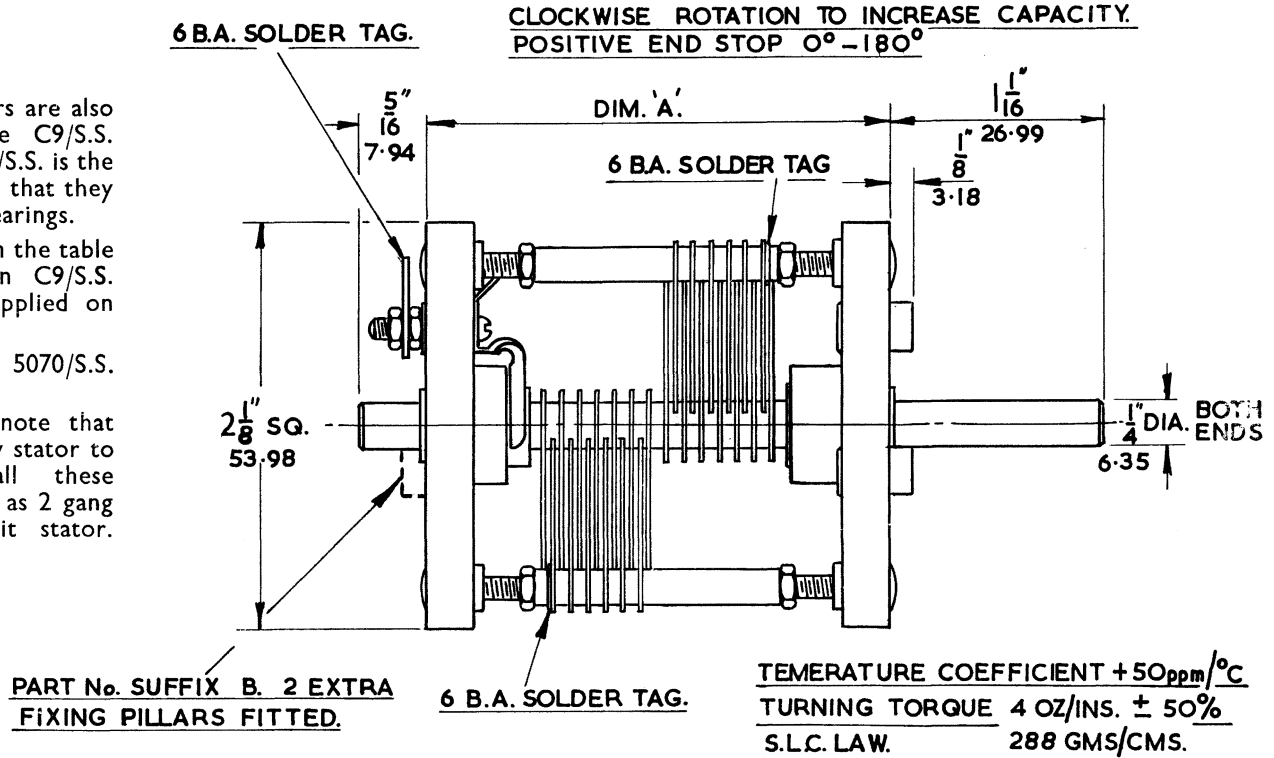
(C12/S.S. ILLUSTRATED)

Split Stator Capacitors are also available in our Type C9/S.S. configuration. Type C9/S.S. is the same as C12/S.S. except that they are built with plain bearings.

All Air Gaps shown in the table below are available in C9/S.S. Full details will be supplied on application.

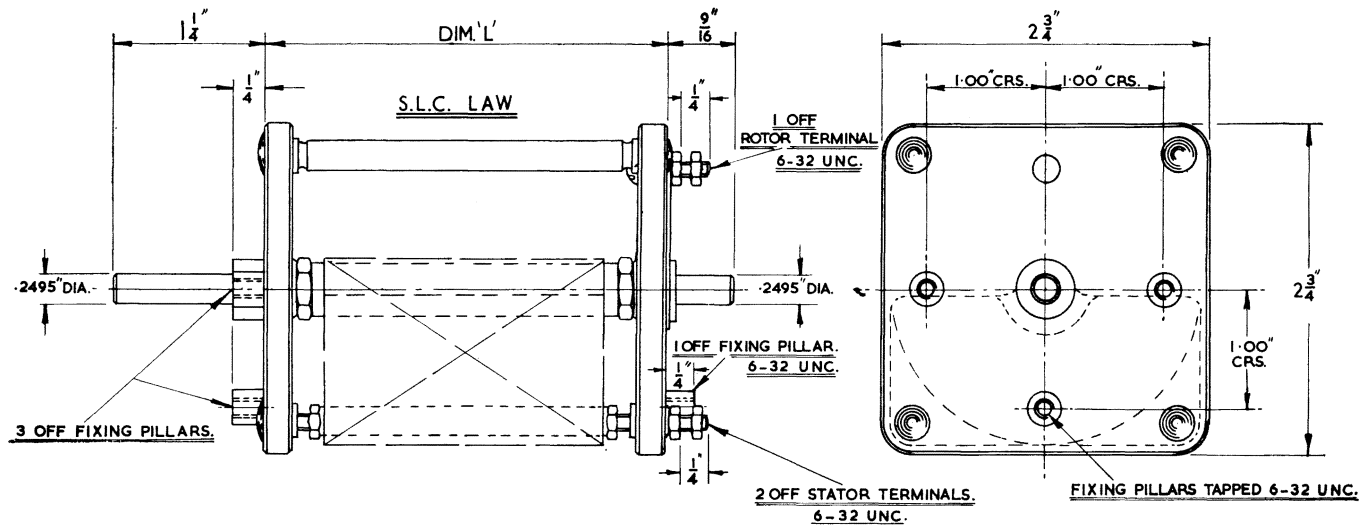
C9/S.S. Drawing No. 5070/S.S.

It is important to note that because of the very low stator to stator capacitance all these Capacitors can be used as 2 gang types as well as split stator.



5021/SS/7B	75	9	.048" 1.22	3 1/16 77.79	2 KV	5021/SS/14B	325	12	.019" .48	3 9/32 83.34	750V
5021/SS/6B	100	11	.048" 1.22	3 5/8 92.08	2 KV	5021/SS/13B	16.5	7.7	.179" 4.55	4 11/16 119.06	6.5 KV
5021/SS/5B	150	13	.048" 1.22	4 9/64 121.05	2 KV	5021/SS/12B	13	6.5	.179" 4.55	3 29/32 99.22	6.5 KV
5021/SS/4	150	8	.024" .61	2 31/64 63.1	1 KV	5021/SS/11B	250	24	.048" 1.22	7 3/64 178.99	2 KV
5021/SS/3	200	10	.024" .61	2 55/64 72.63	1 KV	5021/SS/10B	43	13	.084" 2.13	3 23/32 88.46	4 KV
5021/SS/2B	250	11	.024" .61	3 7/32 81.76	1 KV	5021/SS/9B	35	10	.084" 2.13	3 19/64 83.74	4 KV
5021/SS/1B	300	11	.024" .61	3 19/32 91.28	1 KV	5021/SS/8B	50	7	.048" 1.22	2 1/2 63.5	2 KV
PART No.	MAX. CAP. EACH	MIN. SECTION ± 5%	AIR GAP	DIM. 'A' ± 1/32 .79	TEST VOLTS PEAK	PART No.	MAX. CAP. EACH	MIN. SECTION ± 5%	AIR GAP	DIM. 'A' ± 1/32 .79	TEST VOLTS PEAK

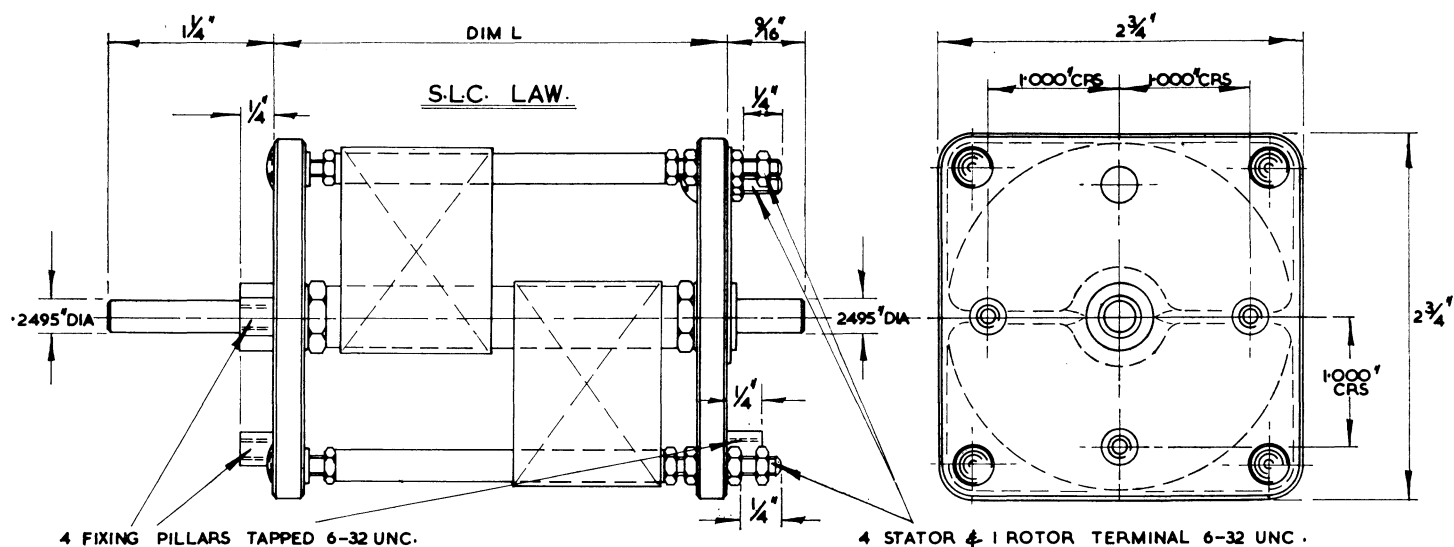
TYPE TX5 TRANSMITTING CAPACITOR



5720/10	$8\frac{3}{8}"$	1500 pF	35 pF	.036"	.036"	2 kV
5720/9	$4\frac{11}{16}"$	75 pF	14 pF	.064"	.128"	6 kV
5720/8	$6\frac{5}{16}"$	100 pF	18 pF	.064"	.128"	6 kV
5720/7	$8\frac{3}{8}"$	150 pF	26 pF	.064"	.128"	6 kV
5720/6	$3\frac{39}{64}"$	150 pF	12 pF	.064"	.064"	4 kV
5720/5	$4\frac{25}{32}"$	250 pF	20 pF	.064"	.064"	4 kV
5720/4	$6\frac{5}{16}"$	350 pF	25 pF	.064"	.064"	4 kV
5720/3	$8\frac{3}{8}"$	500 pF	33 pF	.064"	.064"	4 kV
5720/2	$6\frac{5}{16}"$	1000 pF	25 pF	.036"	.036"	2 kV
5720/1	$3\frac{39}{64}"$	500 pF	15 pF	.036"	.036"	2 kV
PART NO.	DIM. 'L'	MAX. CAP.	MIN. CAP.	VANE THICKNESS	AIR GAP	TEST VOLTS

Transmitter Type Variable Capacitor having aluminium vanes and ceramic end plates.

TX5 SPLIT STATOR TRANSMITTING CAPACITOR



5720/8/SS	$6\frac{5}{16}"$	50 pF	15 pF	.064"	.128"	6kv
5720/7/SS	$8\frac{3}{8}"$	75 pF	18 pF	.064"	.128"	6kv
5720/6/SS	$3\frac{3}{4}"$	75 pF	11 pF	.064"	.064"	4kv
5720/5/SS	$6\frac{5}{16}"$	125 pF	15 pF	.064"	.064"	4kv
5720/4/SS	$6\frac{5}{16}"$	150 pF	16 pF	.064"	.064"	4kv
5720/3/SS	$8\frac{3}{8}"$	250 pF	26 pF	.064"	.064"	4kv
5720/2/SS	$6\frac{5}{16}"$	500 pF	23 pF	.036"	.036"	2kv
5720/1/SS	$3\frac{3}{4}"$	250 pF	14 pF	.036"	.036"	2kv
PART NO	DIM L	MAX. CAP. EACH	MIN. CAP. SECTION	VANE THICKNESS	AIR GAP	TEST VOLTS

Transmitter Type Variable Capacitor having Aluminium Vanes and Ceramic End Plates.