

GENERAL SPECIFICATION OF STAND-OFF INSULATORS AND TERMINAL STRIPS

Low Loss Ceramic Insulation to B.S.S. 1598, Class I.

Designed and manufactured to be tested as in DEF Spec. 5334; H.I. 40—100c; to dimensions and requirements shown in ensuing tables

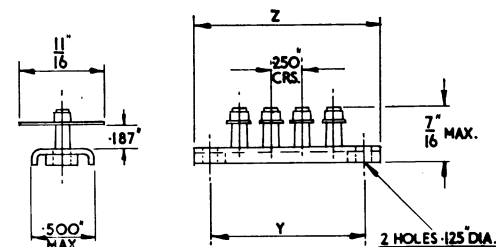
Dimensional tolerances (except where shown)					
Z up to $\frac{7}{8}$ "	Z over $\frac{7}{8}$ "	Y	X	W	V
$\pm \frac{1}{64}$ "	$\pm \frac{1}{32}$ "	nominal	$\pm .003$ "	Class 2 fit	$\pm .002$ "
					U
					nominal

Metric or Unified threads will be supplied if requested
Insulation Resistance > 10,000 megohms at 500 volts D.C.

SILVER PLATED BRASS TAGS. CADMIUM PLATED STEEL BASE

TYPE	PART No.	Z	Y
T. S. 2	5372/2	1.0" $\pm .010$ "	.75" CRS $\pm .005$ "
T. S. 4	5372/4	1.5" "	1.25" " "
T. S. 6	5372/6	2.0" "	1.75" " "
T. S. 8	5372/8	2.5" "	2.25" " "
T. S. 10	5372/10	3.0" "	2.75" " "
T. S. 12	5372/12	3.5" "	3.25" " "

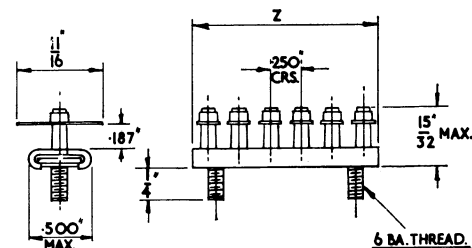
ALL TYPES OF	TEST PULL	WORKING V	AMPS	PROOF V	CAPACITY MAX. TAG TO BASE
T. S.	10 lbs	1500	5	5000	.5



SILVER PLATED BRASS TAGS. CADMIUM PLATED STEEL BASE

TYPE	PART No.	Z
ADUP 3	5366/3	.750" $\pm .010$ "
ADUP 4	5366/4	1.00" "
ADUP 5	5366/5	1.25" "
ADUP 6	5366/6	1.50" "
ADUP 7	5366/7	1.75" "
ADUP 8	5366/8	2.00" "
ADUP 10	5366/10	2.50" "
ADUP 12	5366/12	3.00" "

ALL TYPES OF	TEST PULL	WORKING V	AMPS	PROOF V	CAPACITY MAX. TAG TO BASE
ADUP	10 lbs	1500	5	5000	.5

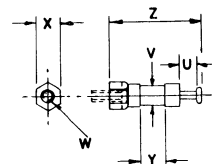


The special 6 BA Anchor Bolts are supplied on request. Pt. No. 5374.

STAND-OFF INSULATORS and TERMINALS

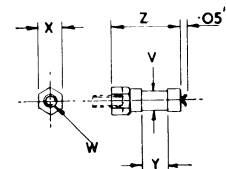
SILVER PLATED BRASS TOP CAP. ELECTRO TINNED BRASS BASE CAP

TYPE	PART No.	Z	Y	X	W	V	U	TEST PULL	IMPACT 3 OZ. DROP	WORKING V	AMPS	PROOF V	CAPACITY TO CHASSIS MAX.	TYPE
A	4937	1 1/16"	3/8"	.324"	4 B.A. x 5/16" STUD	1/4" DIA.	1/4"	10 LBS.	3 INS.	3000	10	8000	-.25	A
E	4977	1 9/16"	7/8"	"	"	"	"	5 LBS.	1 1/2 INS.	10.000	"	21.500	-.2	E
C-S	4972-S	2 1/32"	3/16"	3/16"	6 B.A. x 1/4" STUD	.156" DIA.	1/8"	"	"	2000	5	6000	-.25	C-S
C-S 4 BR	4972-S4 BR	1 1/32"	9/16"	"	"	"	"	3 LBS.	1 INS.	6.300	"	14.000	-.1	C-S 4 BR
C-S 6 BR	4972-S 6 BR	1 9/32"	13/16"	"	"	"	"	"	"	9000	"	19.500	"	C-S 6 BR
A-T	4937-T	1 5/32"	3/8"	.324"	4 B.A. x 9/64" TAPPED HOLE	1/4" DIA.	1/4"	10 LBS.	3 INS.	3000	10	8000	-.25	A-T
E-T	4977-T	1 21/32"	7/8"	"	"	"	"	5 LBS.	1 1/2 INS.	10.000	10	21.500	-.2	E-T
C	4972	3/4"	3/16"	3/16"	6 B.A. x 9/64" TAPPED HOLE	.156" DIA.	1/8"	"	"	2000	5	6000	-.25	C
C 4 BR	4972/4 BR	1 1/8"	9/16"	"	"	"	"	3 LBS.	1 INS.	6.300	"	14.000	-.1	C 4 BR
C 6 BR	4972/6 BR	1 3/8"	13/16"	"	"	"	"	"	"	9000	"	19.500	"	C 6 BR
K	5379	1 1/2"	.100"	.117"	10 B.A. x .12" TAPPED HOLE	.091" DIA.	.10"	5 LBS.	1 1/2 INS.	1000	3	5000	"	K



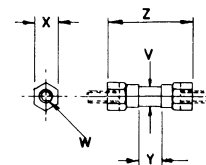
SILVER PLATED BRASS TOP CAP. ELECTRO TINNED BRASS BASE CAP

TYPE	PART No.	Z	Y	X	W	V	TEST PULL	IMPACT 3 OZ. DROP	WORKING V	AMPS	PROOF V	CAPACITY TO CHASSIS MAX.	TYPE
J-S	5367	1 5/32"	3/16"	3/16"	6 B.A. x 1/4" STUD	.156" DIA.	5 LBS.	1 1/2 INS.	2000	5	6000	-.25	J-S
J	5368	9/16"	"	"	6 B.A. x 9/64" TAPPED HOLE	"	"	"	"	"	"	"	J



ELECTRO TINNED BRASS ENDS

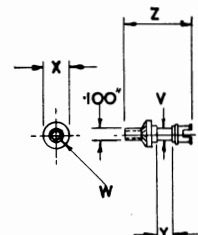
TYPE	PART No.	Z	Y	X	W BOTH ENDS	V	TEST PULL	IMPACT 3 OZ. DROP	WORKING V	AMPS	PROOF V	CAPACITY TO CHASSIS MAX.	TYPE
B	4971	3/4"	3/8"	.324"	A/F 4 B.A. x 5/16" STUD	1/4" DIA.	10 LBS.	3 INS.	2000	5	8000	-.35	B
F	4978	1 1/4"	7/8"	"	"	"	5 LBS.	1 1/2 INS.	10.000	"	21.500	-.2	F
D-S	4973-S	1 1/2"	3/16"	3/16"	6 B.A. x 1/4" STUD	.156" DIA.	"	"	2000	"	6000	-.25	D-S
D-S 4 BR	4973-S 4 BR	7/8"	9/16"	"	"	"	3 LBS.	1 INS.	6.300	"	14.000	-.1	D-S 4 BR
D-S 6 BR	4973-S 6 BR	1 1/8"	13/16"	"	"	"	"	"	9000	"	19.500	"	D-S 6 BR
B-T	4971-T	1 5/16"	3/8"	.324"	4 B.A. x 9/64" TAPPED HOLE	1/4" DIA.	10 LBS.	3 INS.	2000	"	8000	-.35	B-T
F-T	4978-T	1 7/16"	7/8"	"	"	"	5 LBS.	1 1/2 INS.	10.000	"	21.500	-.2	F-T
D	4973	1 1/16"	3/16"	3/16"	6 B.A. x 9/64" TAPPED HOLE	.156" DIA.	5 LBS.	"	2000	"	6000	-.25	D
D 4 BR	4973-4 BR	1 1/16"	9/16"	"	"	"	3 LBS.	1 INS.	6.300	"	14.000	-.1	D 4 BR
D 6 BR	4973-6 BR	1 5/16"	13/16"	"	"	"	"	"	9000	"	19.500	"	D 6 BR



STAND-OFF INSULATORS and TERMINALS

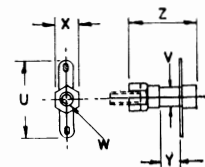
SILVER PLATED BRASS TOP CAP. ELECTRO TINNED BRASS BASE CAP

TYPE	PART No.	Z	Y	X	W	V	TEST PULL	IMPACT 3 OZ. DROP	WORKING V	AMPS	PROOF V	CAPACITY TO CHASSIS MAX.	TYPE
M	5375	.485"	.11"	$\frac{3}{16}$ " DIA.	.067" DIA. x .165" DEEP HOLE	.091" DIA.	5 LBS.	1 INS.	1000	5	.5000	.1	M



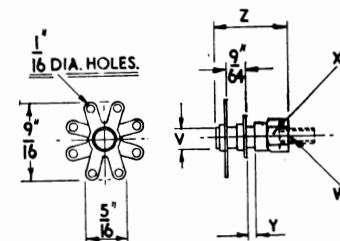
SILVER PLATED COPPER TAG. ELECTRO TINNED BRASS BASE CAP

TYPE	PART No.	Z	Y	X	W	V	U	TEST PULL	IMPACT 3 OZ. DROP	WORKING V	AMPS	PROOF V	CAPACITY TO CHASSIS MAX.	TYPE
L	5383	$\frac{3}{8}$ "	.100"	.117"	10 BA. x .12" TAPPED HOLE	.091" DIA.	.340"	5 LBS.	1 INS.	1000	3	5000	.1	L
R	5385	$\frac{35}{64}$ "	$\frac{11}{64}$ "	$\frac{3}{16}$ "	6 BA. x $\frac{9}{64}$ " TAPPED HOLE	.156" DIA.	$\frac{5}{8}$ "	"	$1\frac{1}{2}$ INS.	2000	"	5000	.25	R
R 4 BR	5386	$\frac{59}{64}$ "	$\frac{35}{64}$ "	"	"	"	"	3 LBS.	1 INS.	6.300	"	14.000	.1	R 4 BR
R 6 BR	5387	$1\frac{11}{16}$ "	$\frac{51}{64}$ "	"	"	"	"	"	"	9000	"	19.500	"	R 6 BR
R-S	5385-S	$\frac{29}{64}$ "	$\frac{11}{64}$ "	"	6 BA. x $\frac{1}{4}$ " STUD	"	"	5 LBS.	$1\frac{1}{2}$ INS.	2000	"	5000	.25	R-S
R-S 4 BR	5386-S	$\frac{53}{64}$ "	$\frac{35}{64}$ "	"	"	"	"	3 LBS.	1 INS.	6.300	"	14.000	.1	R-S 4 BR
R-S 6 BR	5387-S	$1\frac{5}{64}$ "	$\frac{51}{64}$ "	"	"	"	"	"	"	9000	"	19.500	"	R-S 6 BR
LL	5480	.360"	.100"	.117"	8 BA. x .120" TAPPED HOLE	.091" DIA.	.340"	5 LBS.	"	1000	"	5000	"	LL



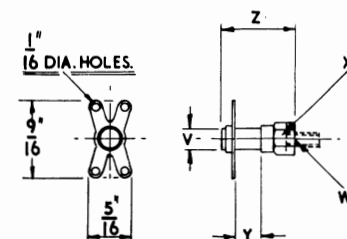
SILVER PLATED COPPER TAGS. ELECTRO TINNED BRASS BASE CAP

TYPE	PART No.	Z	Y	X	W	V	TEST PULL	IMPACT 3 OZ. DROP	WORKING V	AMPS	PROOF V	CAPACITY MAX.	TYPE
H-S 2 BANK	5125-S	$\frac{7}{16}$ "	$\frac{1}{16}$ "	$\frac{3}{16}$ " A/F	6 B.A. x $\frac{1}{4}$ " STUD	.156" DIA.	3 LBS.	1 INS.	500	3	2000	LOWER TAG	H-S 2 BANK
H-S 4 BANK	5126-S	$\frac{13}{16}$ "	$\frac{1}{8}$ "	"	"	"	"	"	"	"	"	TO CHASSIS	H-S 4 BANK
H-S 6 BANK	5127-S	$1\frac{1}{16}$ "	"	"	"	"	"	"	"	"	"	.3	H-S 6 BANK
H 2 BANK	5125	$\frac{17}{32}$ "	$\frac{1}{16}$ "	"	6 B.A. x $\frac{9}{64}$ " TAPPED HOLE	"	"	"	"	"	"	TAG TO TAG	H 2 BANK
H 4 BANK	5126	$\frac{29}{32}$ "	$\frac{1}{8}$ "	"	"	"	"	"	"	"	"	.2	H 4 BANK
H 6 BANK	5127	$1\frac{5}{32}$ "	"	"	"	"	"	"	"	"	"	"	H 6 BANK

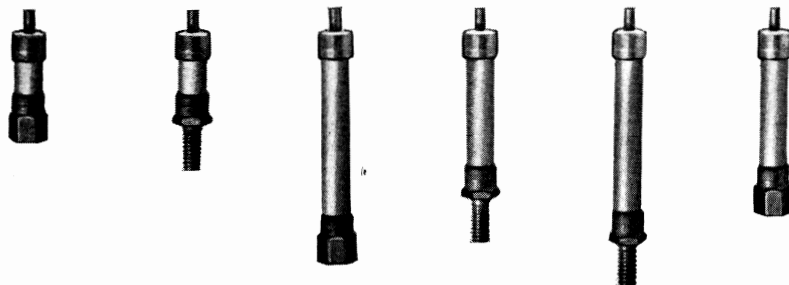


SILVER PLATED COPPER TAG. ELECTRO TINNED BRASS BASE CAP

TYPE	PART No.	Z	Y	X	W	V	TEST PULL	IMPACT 3 OZ. DROP	WORKING V	AMPS	PROOF V	CAPACITY TO CHASSIS MAX.	TYPE
H-S	5100-S	$\frac{7}{16}$ "	$\frac{3}{16}$ "	$\frac{3}{16}$ " A/F	6 B.A. x $\frac{1}{4}$ " STUD	.156" DIA.	5 LBS.	$1\frac{1}{2}$ INS.	2000	3	5000	.25	H-S
H-S 4 BR	5126-S-TT	$\frac{13}{16}$ "	$\frac{9}{16}$ "	"	"	"	3 LBS.	1 INS.	6.300	"	14.000	.1	H-S 4 BR
H-S 6 BR	5127-S-TT	$1\frac{1}{16}$ "	$\frac{13}{16}$ "	"	"	"	"	"	9000	"	19.500	"	H-S 6 BR
H	5100	$\frac{17}{32}$ "	$\frac{3}{16}$ "	"	6 B.A. x $\frac{9}{64}$ " TAPPED HOLE	"	5 LBS.	$1\frac{1}{2}$ INS.	2000	"	5000	.25	H
H 4 BR	5126-TT	$\frac{29}{32}$ "	$\frac{9}{16}$ "	"	"	"	3 LBS.	1 INS.	6.300	"	14.000	.1	H 4 BR
H 6 BR	5127-TT	$1\frac{5}{32}$ "	$\frac{13}{16}$ "	"	"	"	"	"	9000	"	19.500	"	H 6 BR



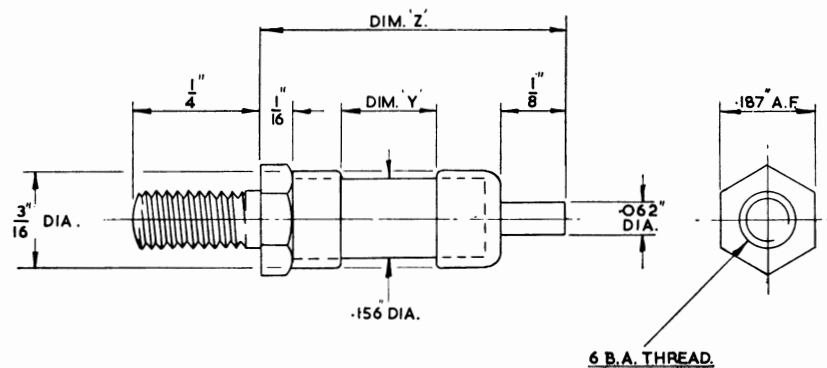
TYPE G STAND OFF INSULATORS



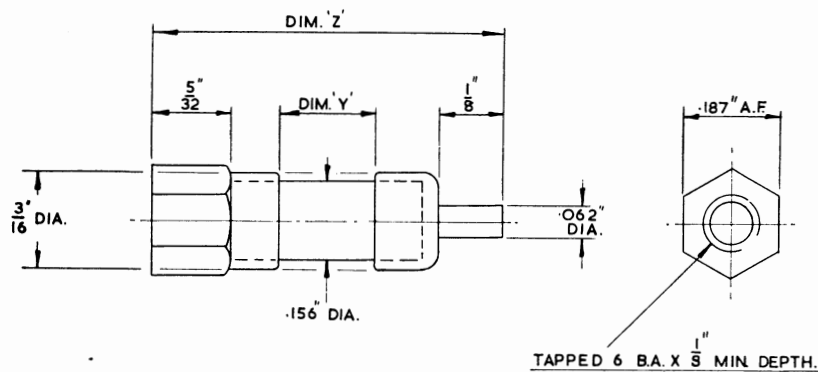
Designed to suit the dimensions and requirements of D E F 5334-B, Pattern 12.

The parallel spill end is sometimes preferred because it is easier to remove a wire should this prove necessary.

Made to the same high standard as the rest of our range of stand offs and will provide the same complete reliability.



G-S 6 BR	5394-S	1 15/64"	1 1/8"	3 lbs	1 ins	9000	5	19500	·1
G-S 4 BR	5393-S	1 5/64"	1 1/16"	3 lbs	1 ins	6300	5	14000	·1
G-S	5392-S	1 39/64"	1 3/16"	5 lbs	1 1/2 ins	2000	5	6000	·25
Type	Part No.	Dim. 'Z'	Dim. 'Y'	Test Pull	Impact 3 oz Drop	Working V	Amps	Proof V	Capacity to Chassis Max



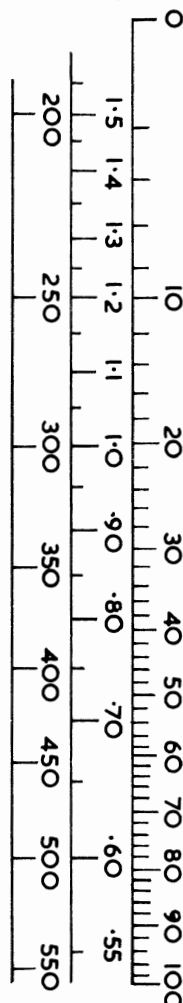
G 6 BR	5394	1 31/64"	1 1/8"	3 lbs	1 ins	9000	5	19500	·1
G 4 BR	5393	1 5/64"	1 1/16"	3 lbs	1 ins	6300	5	14000	·1
G	5392	1 45/64"	1 3/16"	5 lbs	1 1/2 ins	2000	5	6000	·25
Type	Part No.	Dim. 'Z'	Dim. 'Y'	Test Pull	Impact 3 oz Drop	Working V	Amps	Proof V	Capacity to Chassis Max

$\% \phi$. VHF.



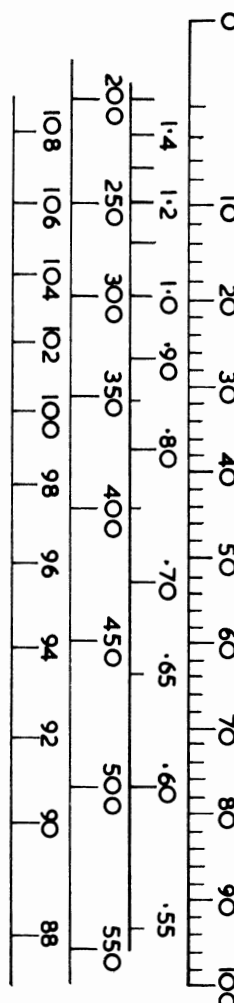
F.M. LAW.

λ . f. %C.



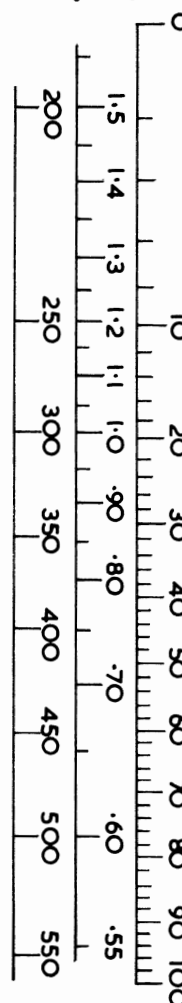
H. LAW.

VHF. λ . f. %C.



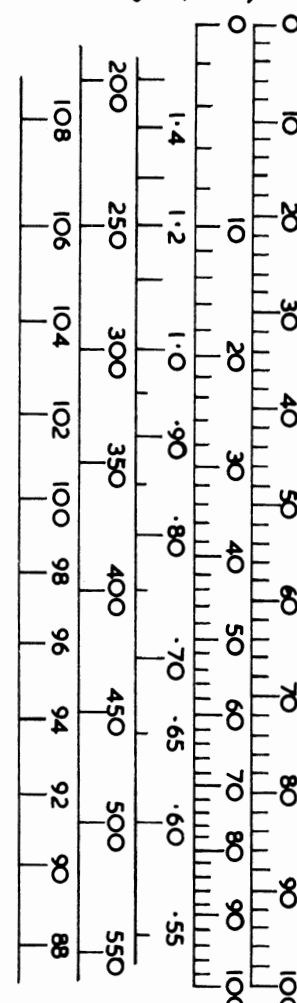
O. LAW.

λ . f. %C.



P. LAW.

VHF. λ . f. %C. $\% \phi$.



E. LAW.

THESE SCALES SHOW : CAPACITANCE CHANGE AS PERCENTAGE OF TOTAL SWING
 : FREQUENCY 1.5 TO .55 MC
 : WAVELENGTH 200 TO 550 METRES
 : VHF 87—109 MC RELATED TO 0—100 SCALE

THEY ARE INTENDED TO SHOW TYPICAL RESULTS FOR THE VARIOUS VANE PACKS AVAILABLE. THE 'H' LAW CAN BE AVAILABLE IN 'E' CHASSIS IF SPECIALLY ORDERED.

CAPACITY.		FIXED VANES.	MOVING VANES.	AIR GAP.	DIM. A.		DIM. B.	
MINIMUM.	MAXIMUM.				INCHES.	H/M	INCHES.	H/M
2.3ppf	5ppf	2	1	-.045"	1.031"	26.2	.343"	8.7
3.0 "	10 "	3	3	-.045"	1.218"	31.0	.531"	13.5
3.5 "	15 "	5	5	-.045"	1.390"	35.3	.703"	17.8
4.0 "	20 "	6	7	-.045"	1.578"	40.0	.890"	22.6
5.3 "	25 "	4	3	-.015"	1.000"	25.4	.312"	8.0
5.5 "	30 "	9	10	-.045"	1.906"	48.4	1.218"	31.0
3.8 "	50 "	7	6	-.015"	1.187"	30.2	.500"	12.7
4.0 "	60 "	8	8	-.015"	1.375"	35.0	.687"	17.4
4.3 "	75 "	10	9	.015"	1.375"	35.0	.687"	17.4
4.5 "	100 "	12	13	-.015"	1.546"	39.2	.859"	21.8
5.8 "	150 "	18	19	-.015"	1.906"	48.4	1.218"	31.0

CAPACITY		FIXED — — VANES	MOVING — — VANES	AIR GAP.	DIM. A.		DIM. B.	
MINIMUM	MAXIMUM				INCHES	M/M	INCHES	M/M
2-O pp.F.	4 pp.F.	2	1	.045"	1.031"	26.2	.343"	8.7
2-5 "	6 "	3	3	.045"	1.218"	31.0	.531"	13.5
3-O "	9 "	5	5	.045"	1.390"	35.3	.703"	17.8
4-O "	12 "	6	7	.045"	1.578"	40.0	.890"	22.6
3-O "	14 "	4	3	.015"	1.000"	25.4	.312"	8.0
5-5 "	17 "	9	10	.045"	1.906"	48.4	1.218"	31.0
3-5 "	25 "	7	6	.015"	1.487"	30.2	.500"	12.7
3-5 "	30 "	8	8	.015"	1.375"	35.0	.687"	17.4
4-O "	38 "	10	9	.015"	1.375"	35.0	.687"	17.4
4-O "	45 "	12	13	.015"	1.546"	39.2	.859"	21.8
5-O "	70 "	18	19	.015"	1.906"	48.4	1.218"	31.0

CAPACITY.		FIXED ———	MOVING ———	AIR GAP.	DIM. A.		DIM. B.	
MINIMUM.	MAXIMUM.	— VANE8.	— VANE8.		INCHES.	M/H	INCHES.	M/H
2.3 p p f	5 p p f	2	1	-.045"	1.000"	25.4	.343"	8.7
3.0 "	10 "	3	3	-.045"	1.187"	30.2	.531"	13.5
3.5 "	15 "	5	5	-.045"	1.359"	34.5	.703"	17.8
4.0 "	20 "	6	7	-.045"	1.546"	39.2	.890"	22.6
3.3 "	25 "	4	3	-.015"	.968"	24.6	.312"	8.0
5.5 "	30 "	9	10	-.045"	1.875"	47.6	1.218"	31.0
3.8 "	50 "	7	6	-.015"	1.156"	29.4	.500"	12.7
4.0 "	60 "	8	8	-.015"	1.343"	34.1	.687"	17.4
4.3 "	75 "	10	9	-.015"	1.343"	34.1	.687"	17.4
4.5 "	100 "	12	13	-.015"	1.515"	38.4	.859"	21.8
5.8 "	150 "	18	19	-.015"	1.875"	47.6	1.218"	31.0

CAPACITY		FIXED	MOVING	AIR GAP	DIM. A		DIM. B	
MINIMUM	MAXIMUM	VANES	VANES		INCHES	M/M	INCHES	M/M
20 μ f	4 μ f	2	1	.045"	1.000"	25.4	.343"	8.7
2.5 "	6 "	3	3	.045"	1.187"	30.2	.531"	13.5
3.0 "	9 "	5	5	.045"	1.359"	34.5	.703"	17.8
4.0 "	12 "	6	7	.045"	1.546"	39.2	.890"	22.6
3.0 "	14 "	4	3	.015"	.968"	24.6	.312"	8.0
5.5 "	17 "	9	10	.045"	1.875"	47.6	1.218"	31.0
3.5 "	25 "	7	6	.015"	1.156"	29.4	.500"	12.7
3.5 "	30 "	8	8	.015"	1.343"	34.1	.687"	17.4
4.0 "	38 "	10	9	.015"	1.343"	34.1	.687"	17.4
4.0 "	45 "	12	13	.015"	1.515"	38.4	.859"	21.8
5.0 "	70 "	18	19	.015"	1.875"	47.6	1.218"	31.0