

<u>FILTER</u>	Power ^{fudge factor}	$I_{RMS} = I_{DC} \times$
FW-CH	0.5	0.707
BR-CH	1.11	1.11
FW-CAP	0.71	1.15'
BR-CAP	1.24	1.75
FW DBLR	3	3.5
1/2W-CAP	1.4	2.5
1/2W-CH	1.06	1.4

1A) Power = Power factor x Vac x Idc

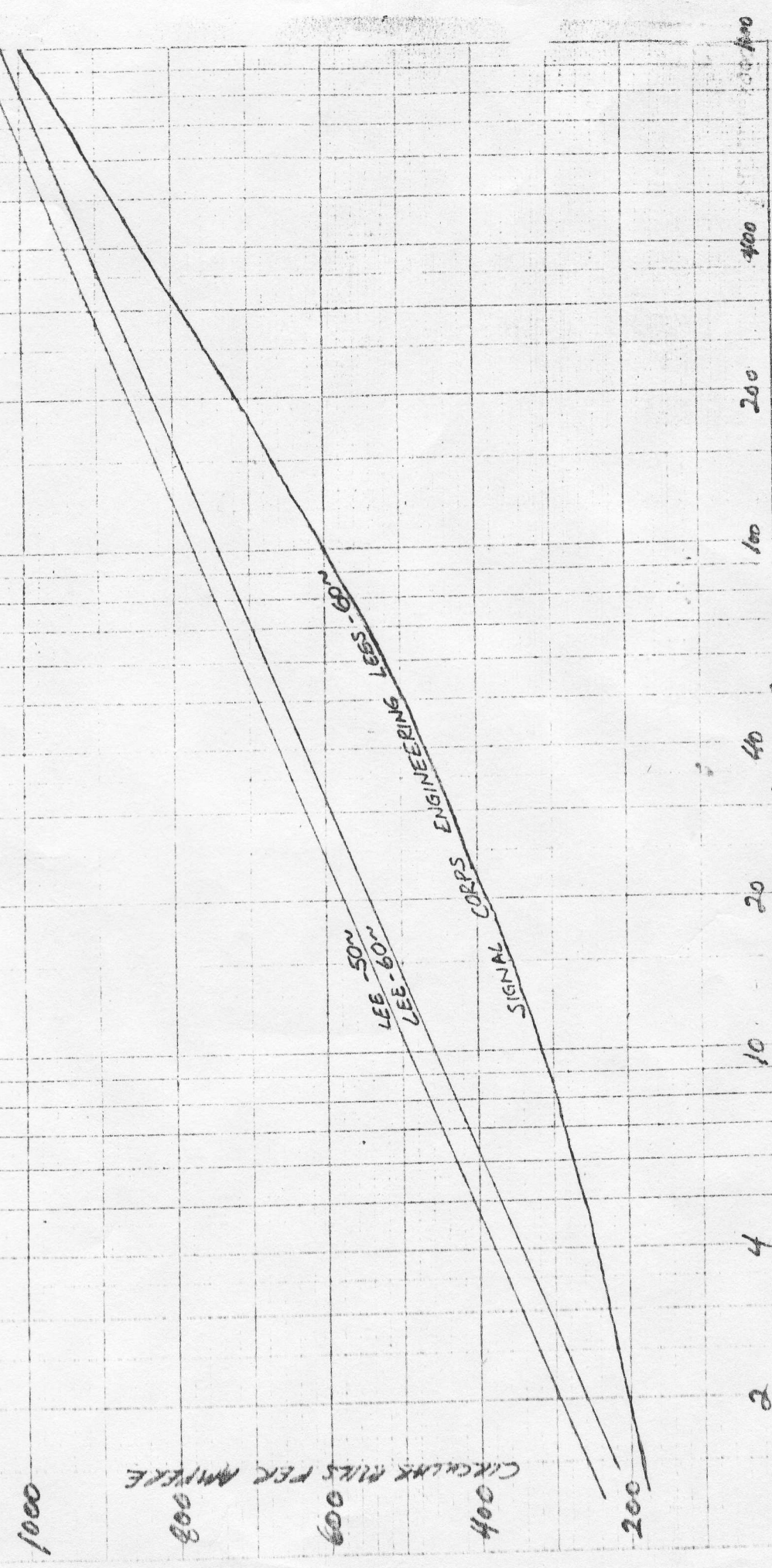
$$I_x = \frac{(wt\#) (VA/\#)}{\text{Voltage}} + \frac{1.43 (B) (lg) (S) 10^3}{N}$$

Voltage specified by mfg usually @ 60Hz

CLASS	Temp
A OR B	65+40 = 105°C
B OR S	75+55 = 130°C
H OR T	85+85 = 170°C
C	= 220°C

air gap for C cores
 with $DX \leq 2$
 should be $\frac{E \leq 14}{.001}$
 less unless requesting
 a certain max
 gap.
 $DX \geq 2^{1/4}$
 $lg \geq 2.002$

0
0
0



CIRCUIT RISES PER MILE

TOTAL APPARENT POWER

CM/A VS TOTAL APPARENT POWER
FOR SMALL TRANSFORMERS
CLASS A 40° RISE ABOVE 55°C. AMB
@ 80KL OR 12.4KG
FOR M19

FIGURE 2.