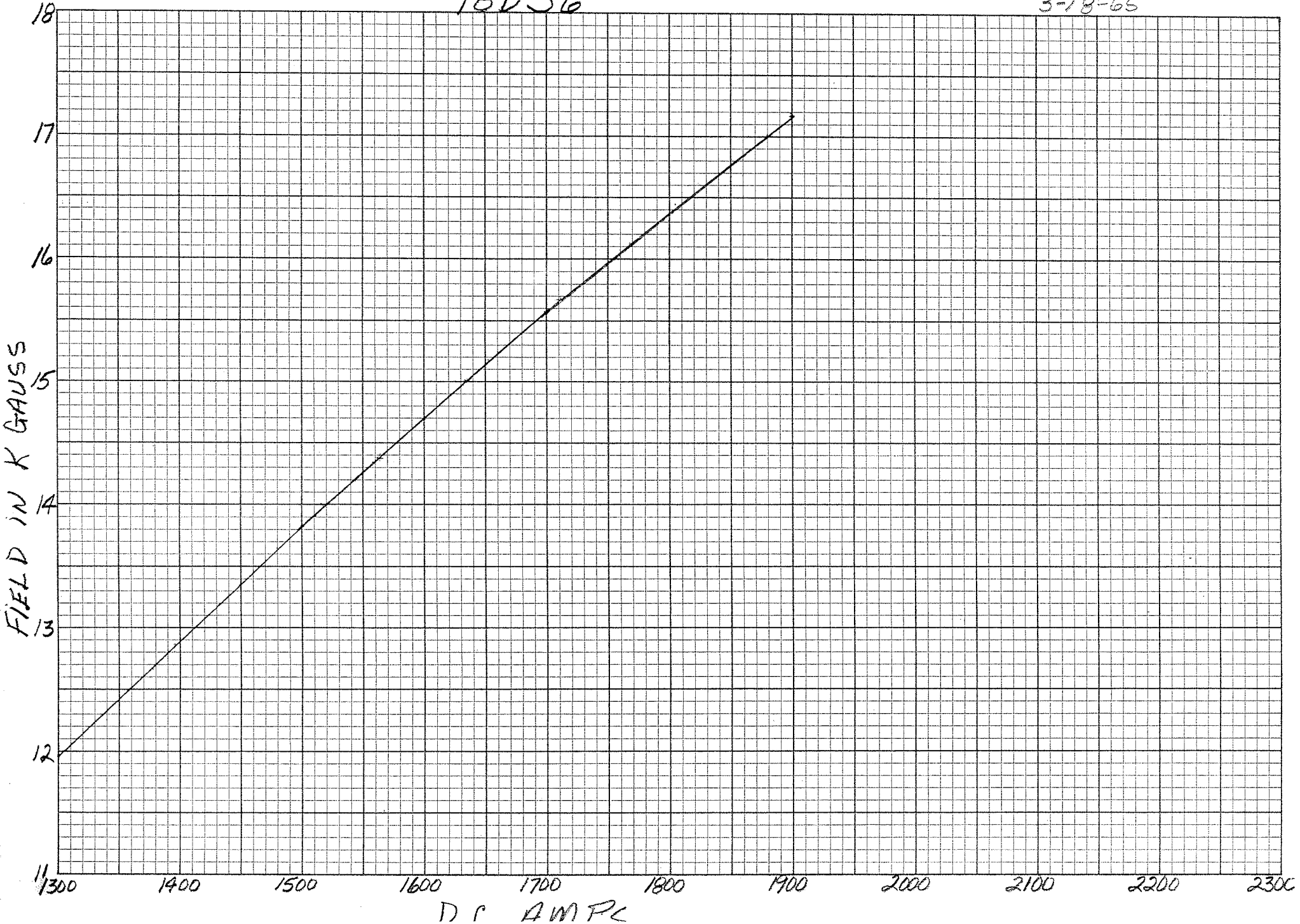
18D36

600 Series

K&E 5 X 5 TO ½ INCH 46 0860
7 X 10 INCHES MADE IN U.S.A.
KEUFFEL & ESSER CO.

18D36

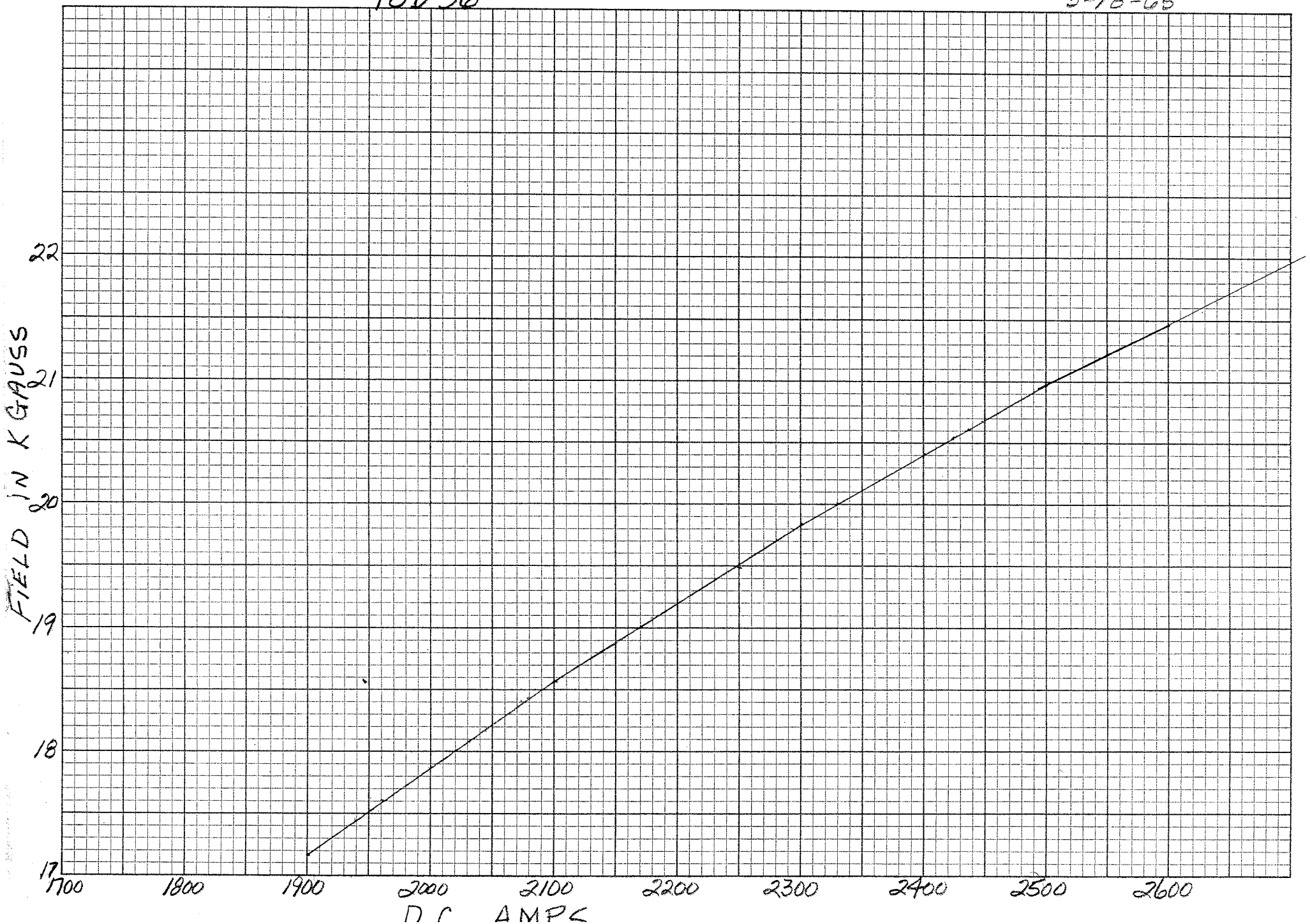
3-18-65



K+E 5 X 5 TO ½ INCH 46 0860
7 X 10 INCHES MADE IN U.S.A.
KEUFFEL & ESSER CO.

18D36

3-18-65



$L_B \doteq 42''$

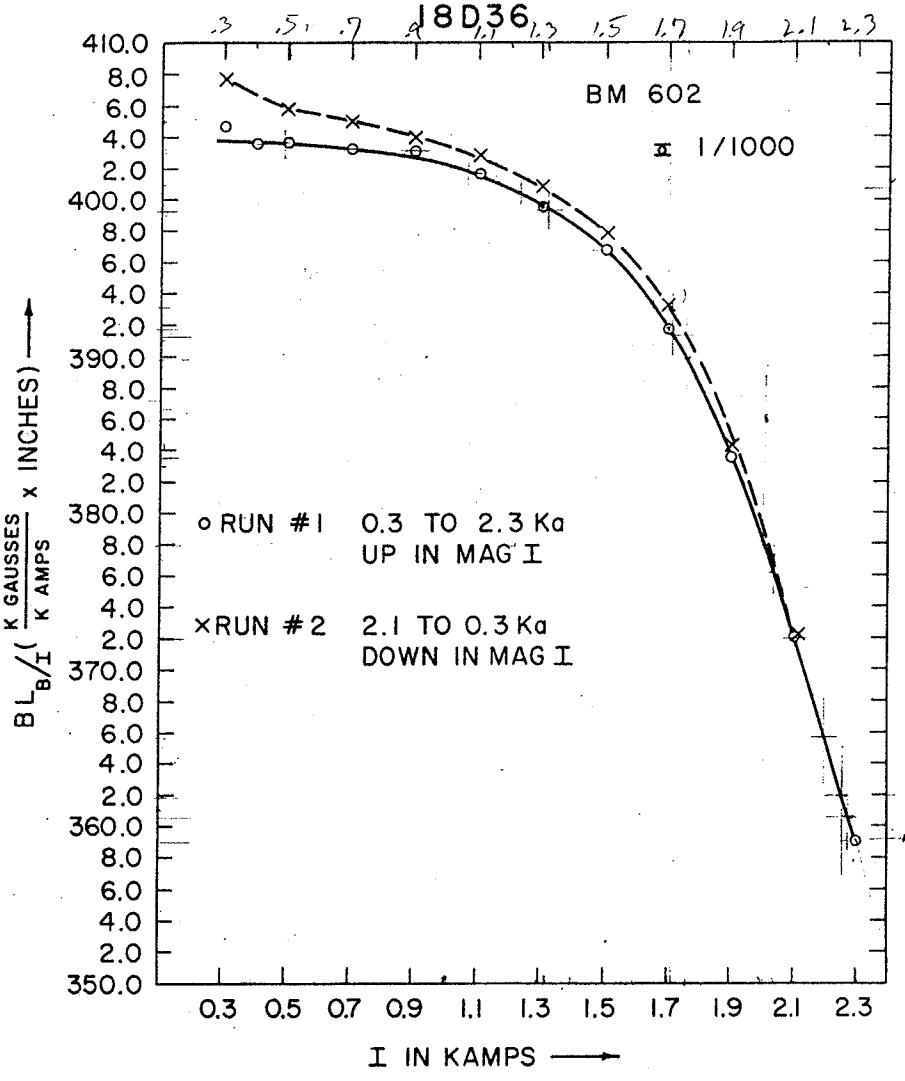


Fig. 10. $\int B_s ds$ vs I for 18D36 magnets.

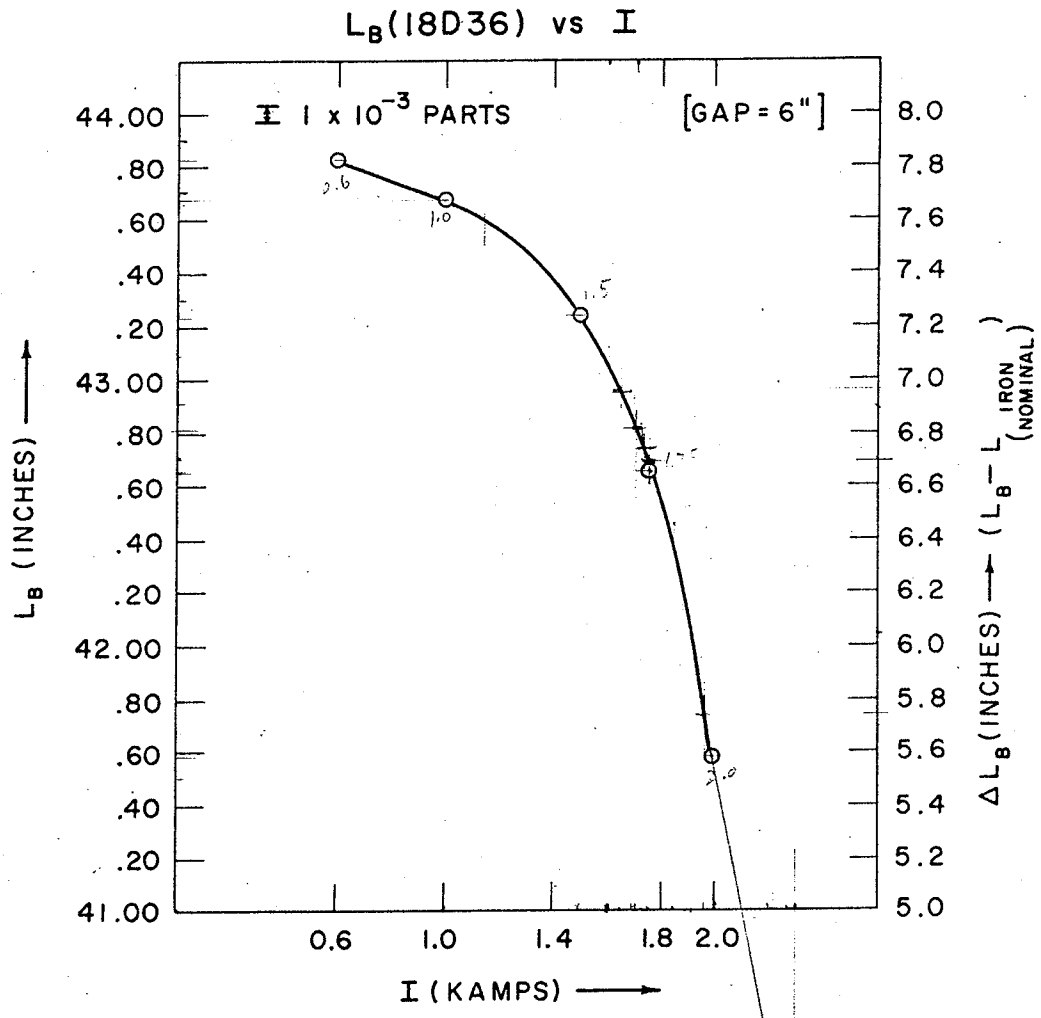
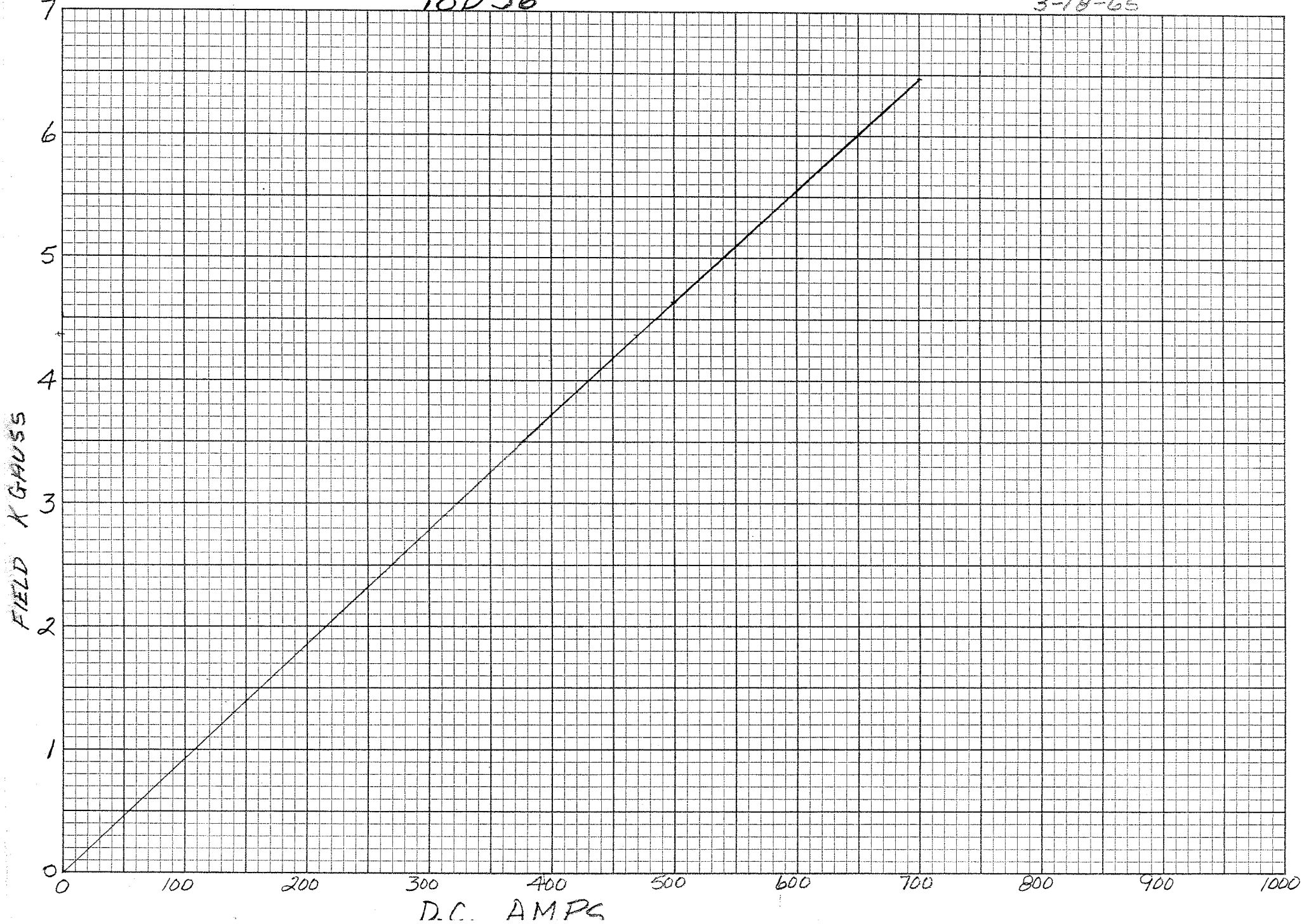


Fig. 11. Magnet length, L_B, vs I for 18D36 magnets.

K+E 5 X 5 TO ½ INCH 46 0860
7 X 10 INCHES MADE IN U. S. A.
KEUFFEL & ESSER CO.

18D36

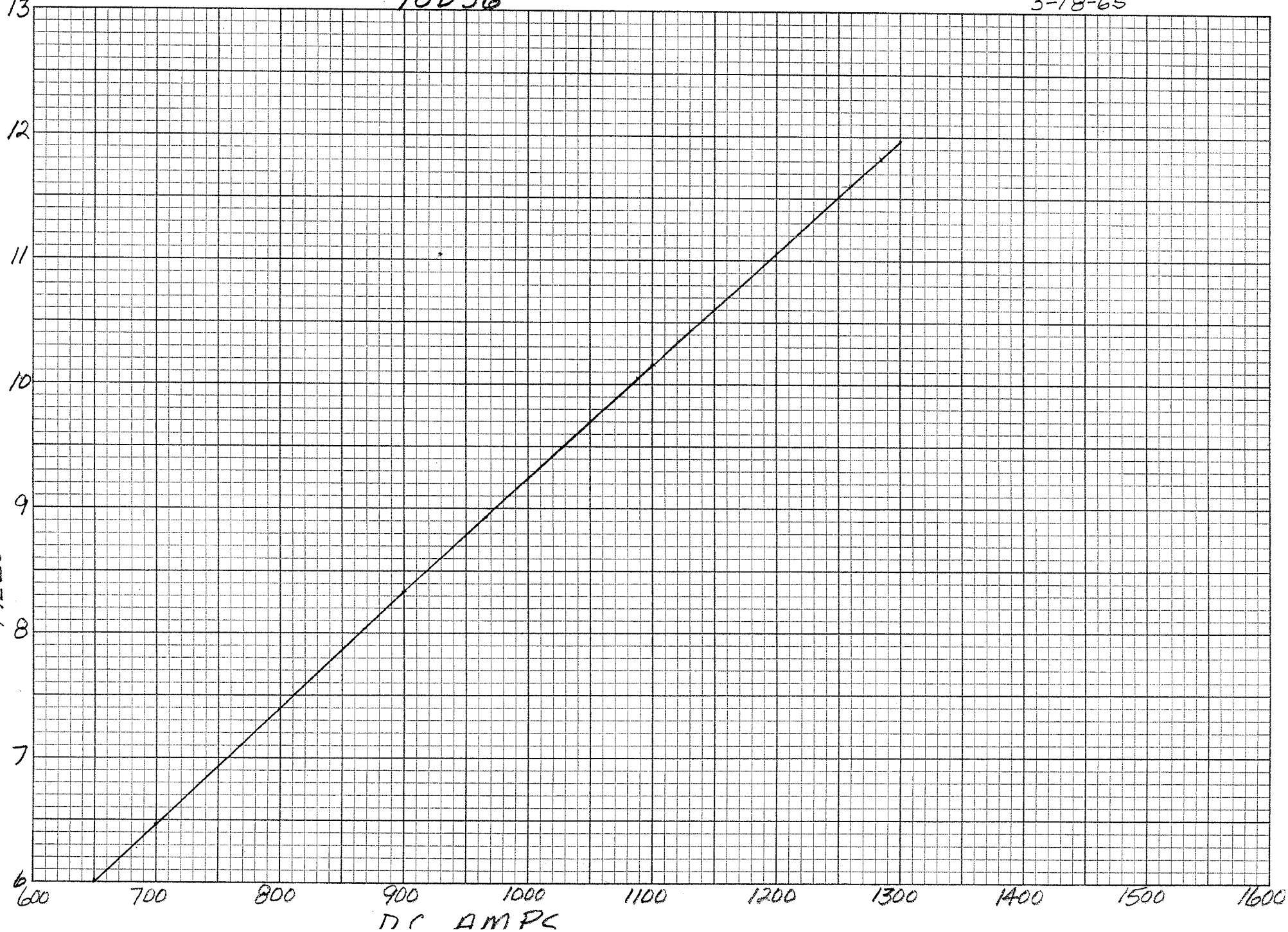
3-18-65



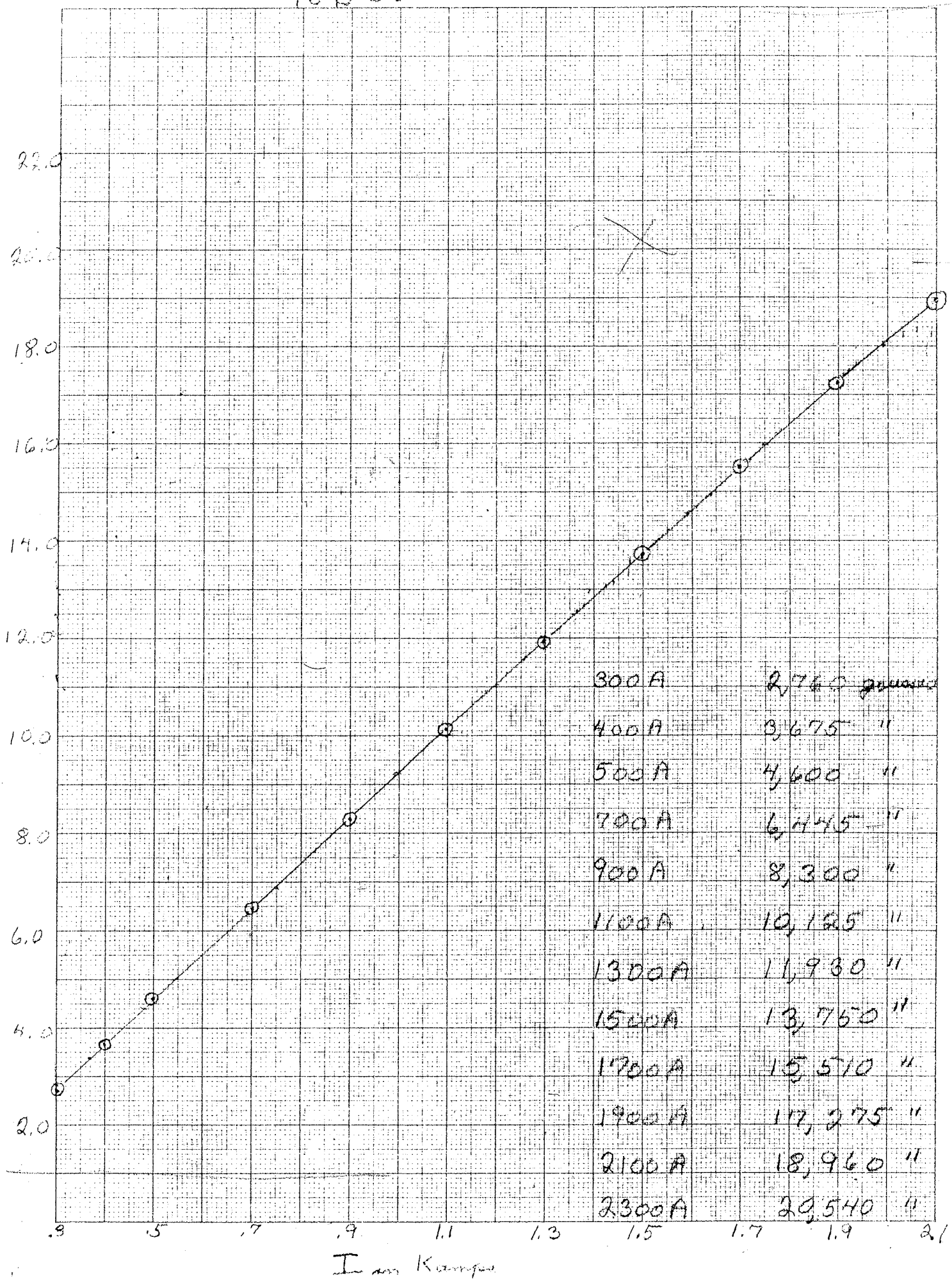
K&E 5 X 5 TO ½ INCH 46 0860
7 X 10 INCHES MADE IN U.S.A.
KEUFFEL & ESSER CO.

18D36

3-18-65



18D36



10 X 10 TO THE CM. 359-14
KEUFFEL & ESSER CO. MADE IN U.S.A.

18D72		18D36	
I	Kg	I	Kg
2.6	22.053	2.6	21.464
2.5	21.544	2.5	20.971
2.3	20.327	2.3	19.833
2.1	18.951	2.1	18.577
1.9	17.392	1.9	17.174
1.7	15.648	1.7	15.537
1.5	13.840	1.5	13.811
1.3	12.011	1.3	11.992
1.1	10.174	1.1	10.161
0.9	8.327	0.9	8.323
0.7	6.480	0.7	6.475
0.5	4.635	0.5	4.631
0.3	2.793		

20.525

12.657

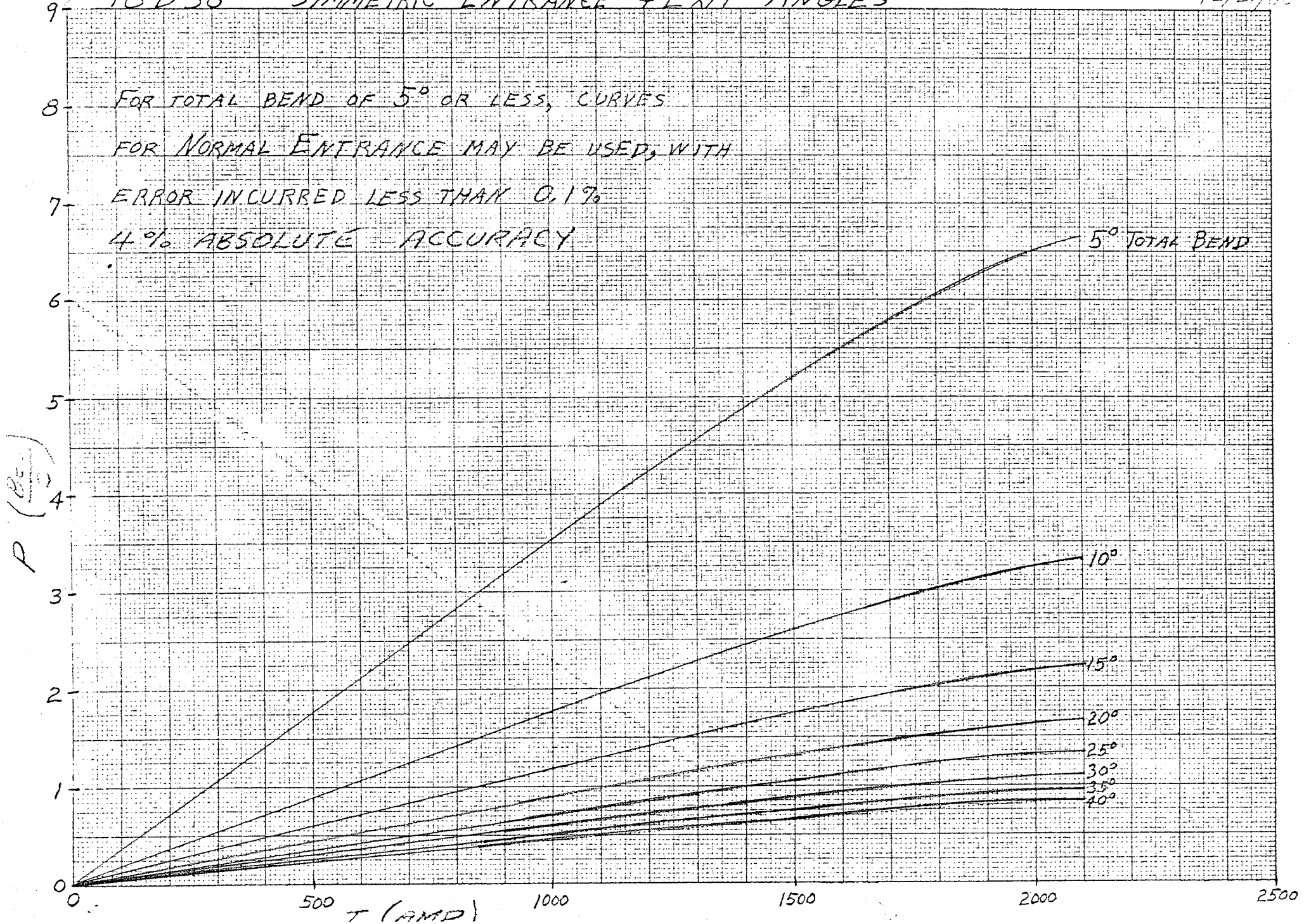
K·E 10 X 10 TO THE CM. 359-14
KEUFFEL & ESSER CO. MADE IN U.S.A.

18D36 SYMMETRIC ENTRANCE & EXIT ANGLES

12/21/60

FOR TOTAL BEND OF 5° OR LESS, CURVES FOR NORMAL ENTRANCE MAY BE USED, WITH ERROR INCURRED LESS THAN 0.1%

4% ABSOLUTE ACCURACY

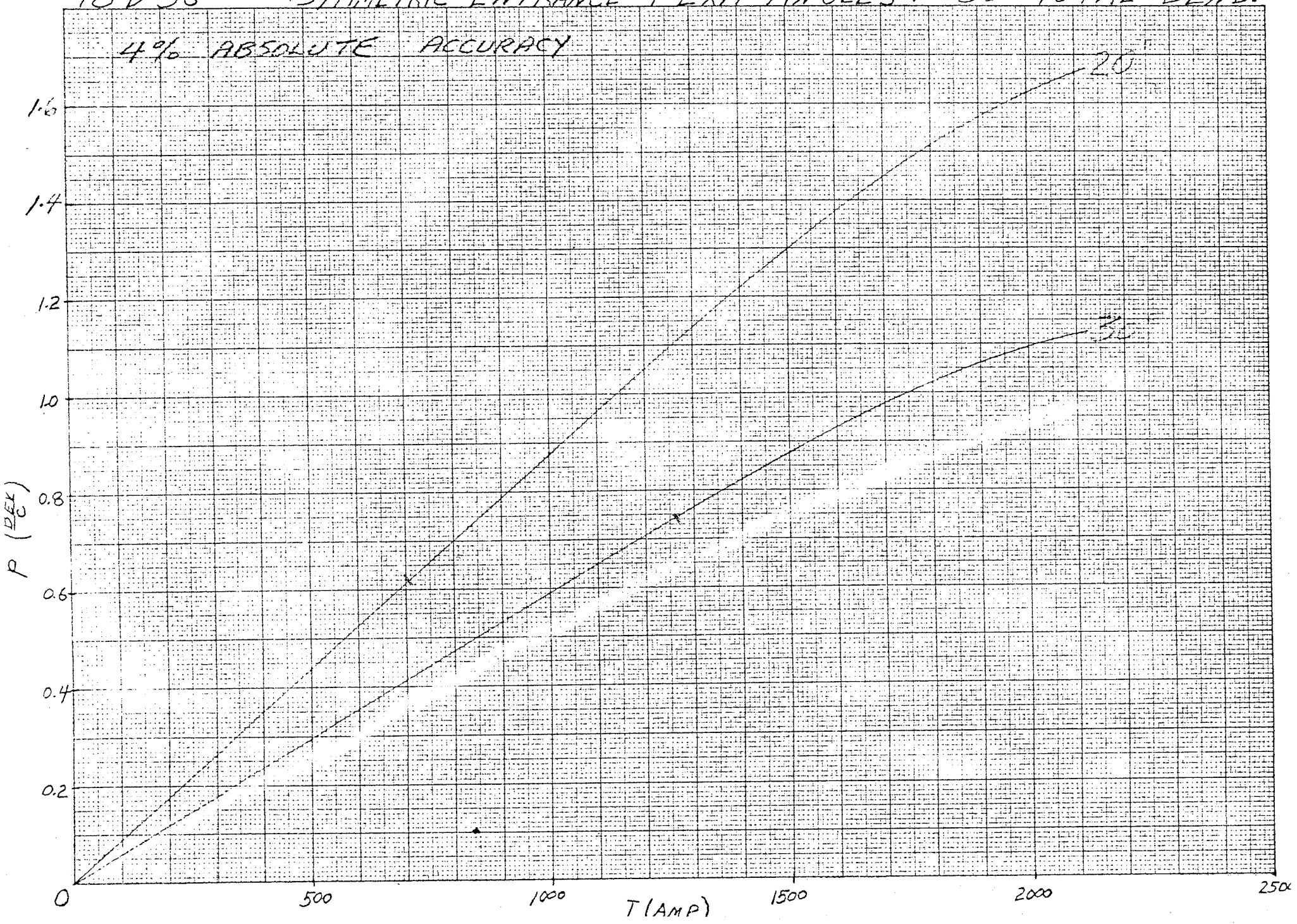


K-E 10 X 10 TO THE CM. 359-14
KEUFFEL & ESSER CO. MADE IN U.S.A.

12/21/60

18 D 36 SYMMETRIC ENTRANCE & EXIT ANGLES 20°-35° TOTAL BEND.

4% ABSOLUTE ACCURACY



K+E 10 X 10 TO THE CM. 359-14
KEUFFEL & ESSER CO. MADE IN U.S.A.

18D36

DEC. 22 1960
36" BENDING MAGNET
NORMAL INCIDENCE
4% ABSOLUTE ACCURACY

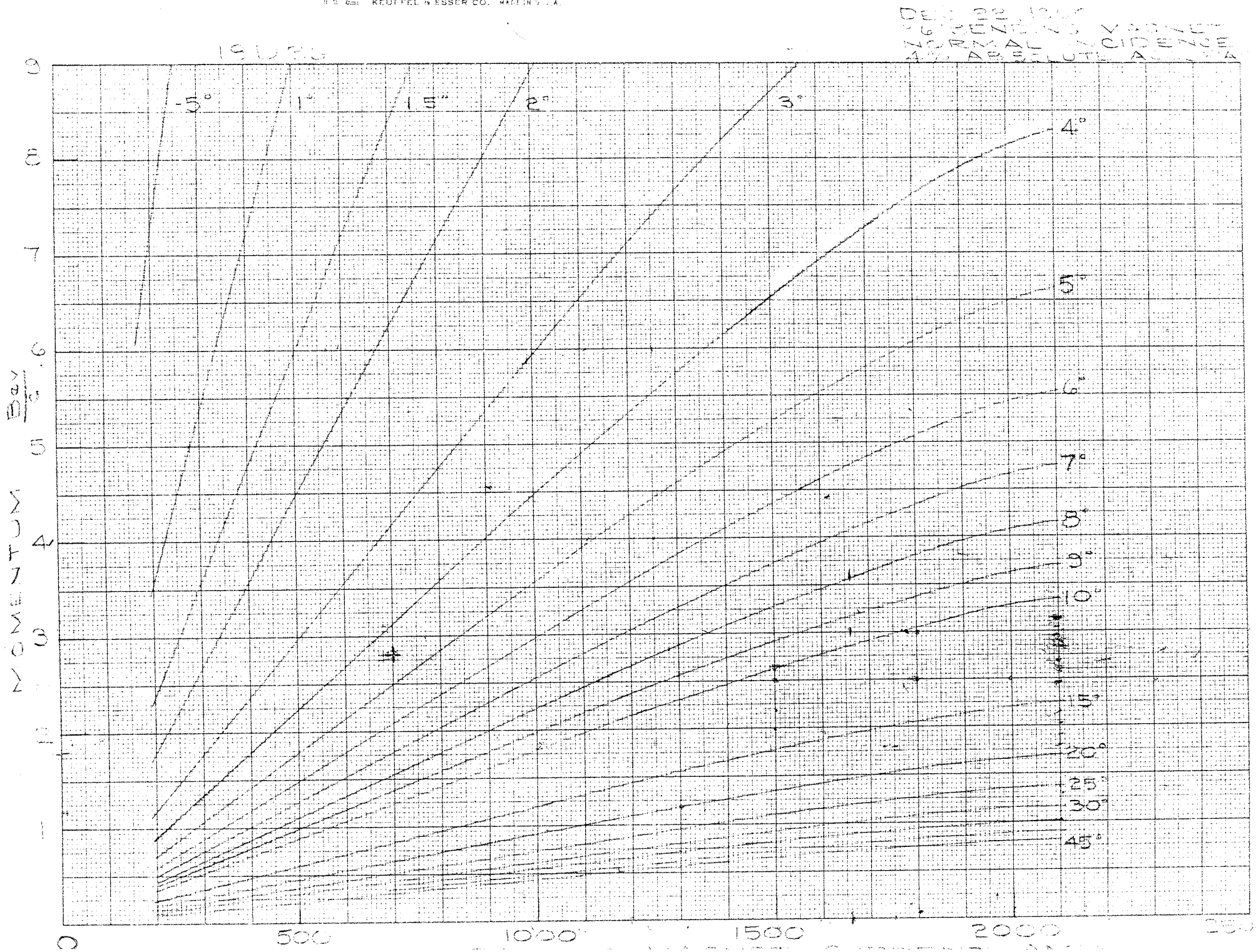
0.5°
1°
1.5°
2°
3°
4°
5°
10°

MOMENTUM B ρ KV

30
20
10
0

500
1000
1500
2000

10 X 10 TO THE CM. 359-14
KEUFFEL & ESSER CO. MADE IN U.S.A.



K&E 10 X 10 TO THE CM. 359-14
KEUFFEL & ESSER CO MADE IN U.S.A.

1D2-D Symmetric Entrance & Exit Angles

12/2/60

For Total Bend of 5° or Less, Curves For Normal Entrance May Be Used, With Error Incurred Less Than 0.1%

4% Absolute Accuracy

$P\left(\frac{x}{D}, \frac{y}{D}\right)$

5° Total Bend

10°

15°

20°

25°

30°

35°

40°