

CROMPTON PARKINSON TRACTION EQUIPMENT.

MOTOR TYPE ϕ LT115

ONE HOUR RATING H.P. AMPS VOLTS °C RISE BY
 CONTINUOUS " 7.1 H.P. 200 AMPS 300 VOLTS 120 °C RISE BY RES.
 GEAR RATIO $65/16 = 4.06$ WHEEL DIA. 30 R.P.M. = M.P.H. X 4.55

MILES PER HOUR
 HORSE POWER
 LB. TRACTIVE EFFORT
 AT TREAD OF WHEEL

EFFICIENCY PER CENT.

MOTOR RATED AT ARMATURE SHAFT ON 85% FIELD.
 CHARACTERISTICS AT 110 °C ON 300 VOLTS.

RESISTANCES AT 110 °C:
 MAIN FIELD 0.461 OHMS
 ARMATURE + I.P. 0.448 "

FULL FIELD

85% " " " " " "
 80% " " " " " "
 48% " " " " " "
 40% " " " " " "

4000

3500

3000

2500

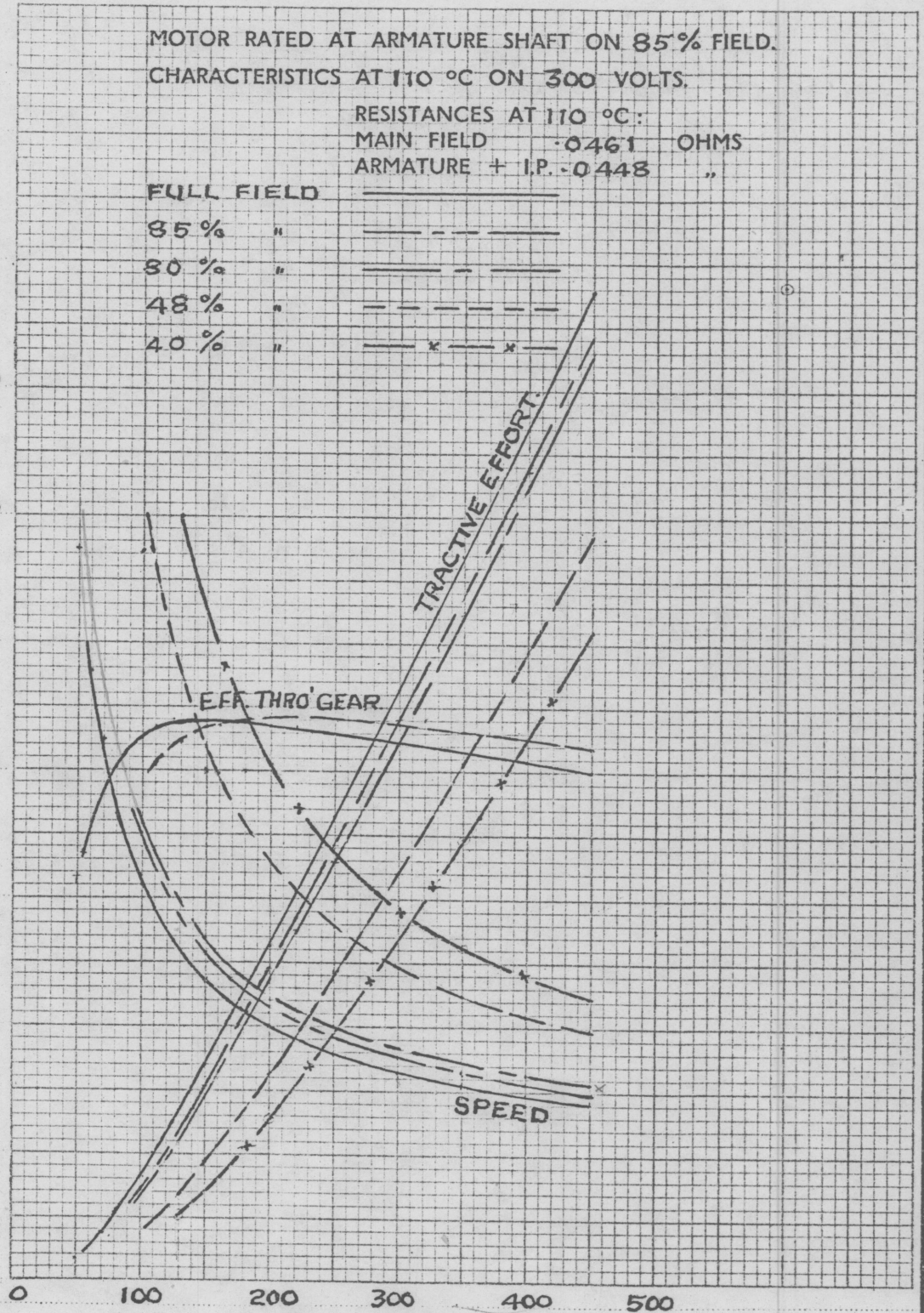
2000

1500

1000

500

0



CROMPTON PARKINSON LTD., TRACTION DEPT., CHELMSFORD.

DATE 25-11-66 CURVE No. 1A-115-1

APPD.