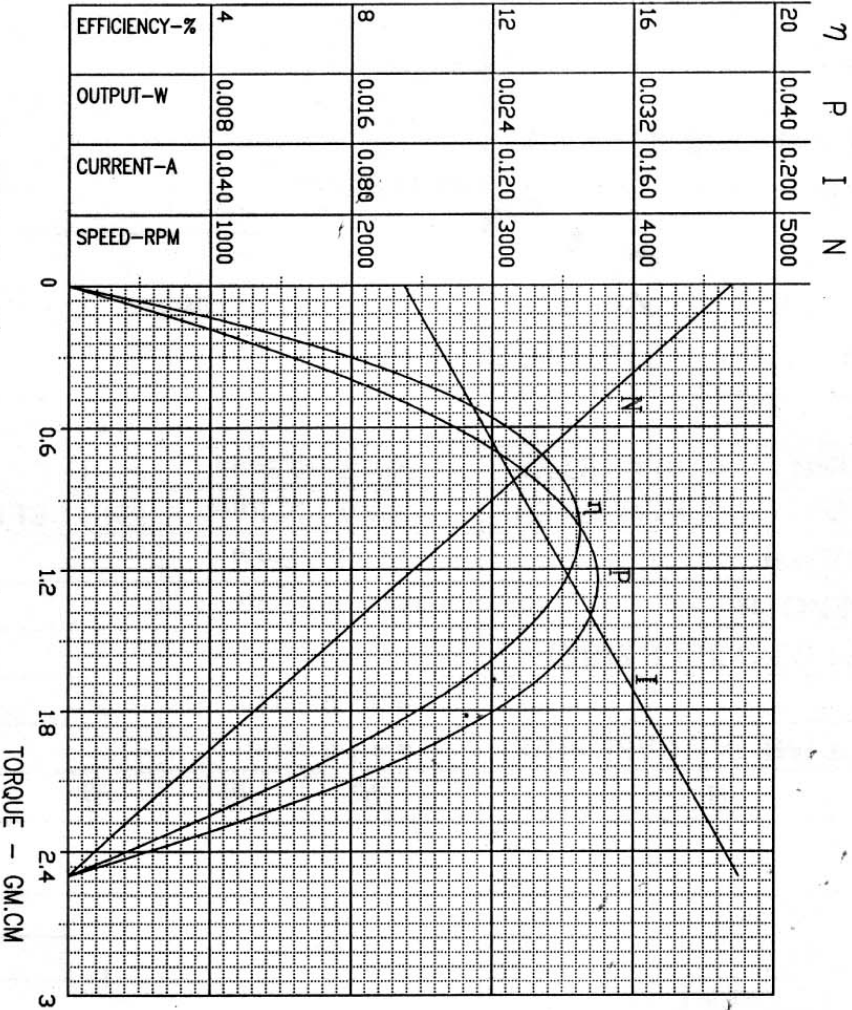


MICRO MOTOR MFG. CO. NO.: curve M020-09170-005

MOTOR PERFORMANCE CURVES AND CHARACTERISTICS:

MODEL: * **M020-09170** *

VOLTAGE: **1.5 V**



PERFORMANCE

AT NO LOAD

SPEED = 4700 RPM
CURRENT = 0.095 AMP

AT STALL EXTRAPOLATION

TORQUE = 2.5 G.CM
CURRENT = 0.190 AMP.

AT MAXIMUM EFFICIENCY:

EFFICIENCY = 14.51 %
SPEED = 2753 RPM
TORQUE = 1.0 G.CM
CURRENT = 0.134 AMP.
OUTPUT = 0.029 WATTS

AT MAXIMUM OUTPUT

SPEED = 2350 RPM
TORQUE = 1.3 G.CM
CURRENT = 0.095 AMP.
OUTPUT = 0.030 WATTS

CHARACTERISTICS

TORQUE CONSTANT = 26.316 G.CM/AMP.
E.M.F. CONSTANT = 1.524 mV/Rad/Sec
DYNAMIC RESISTANCE = 7.895 Ohms
MOTOR REGULATION = 1880.000 RPM/G.CM

NOTE: THE CURVES REPRESENT THE THEORETICAL PERFORMANCE OF THE FEW SAMPLES, FOR REFERENCE ONLY.

PREPARED BY:

CHECKED BY:

APPROVED BY: