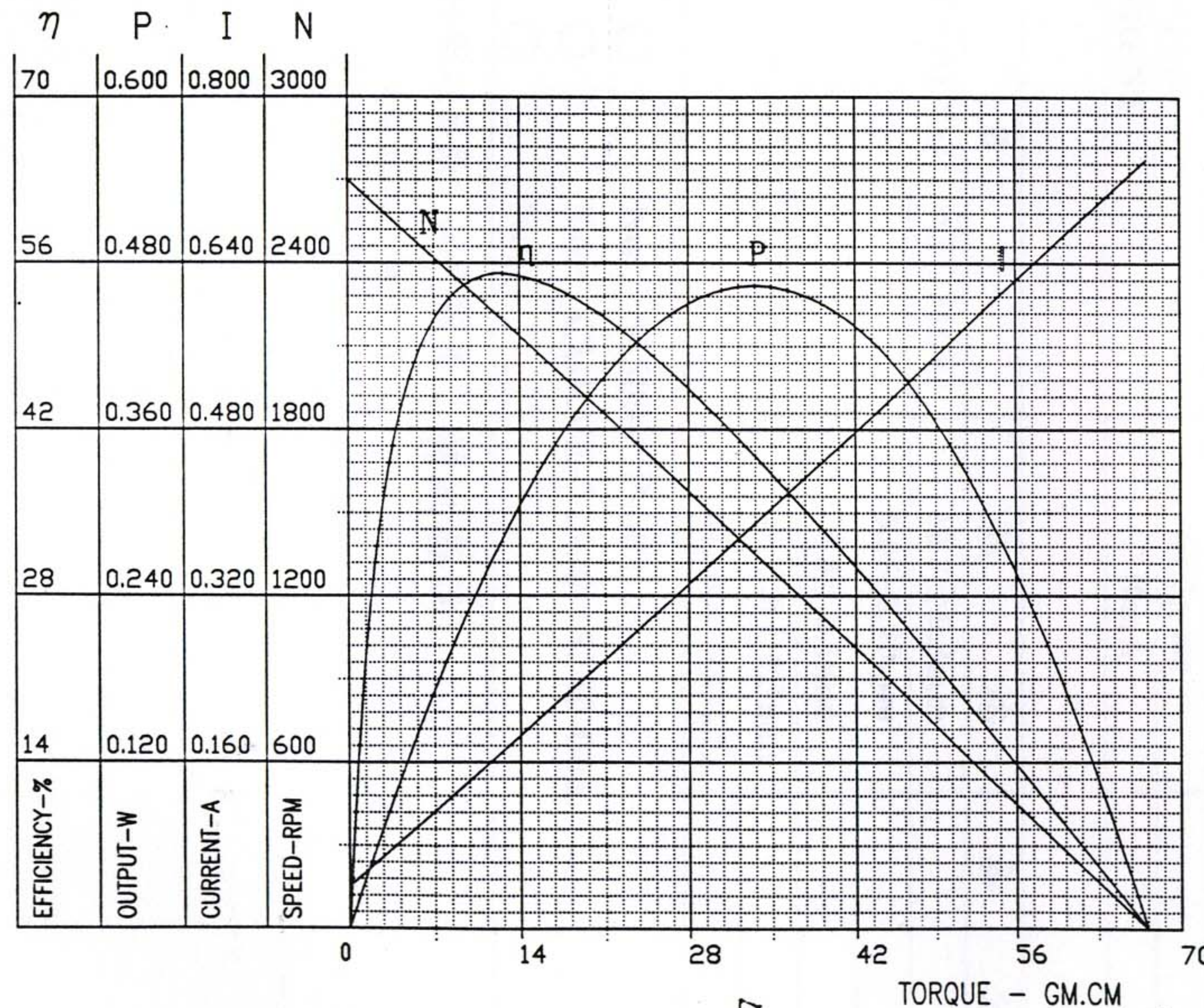


MICRO MOTOR MFG. CO. NO.: curve -M500-18280-001

MOTOR PERFORMANCE CURVES AND CHARACTERISTICS:

MODEL: *M500T-18280*

VOLTAGE: 3.0 V



PERFORMANCE

AT NO LOAD

SPEED = 2700 RPM
CURRENT = 0.040 AMP

AT STALL EXTRAPOLATION

TORQUE = 67.2 G.CM
CURRENT = 0.740 AMP.

AT MAXIMUM EFFICIENCY:

EFFICIENCY = 55.18 %
SPEED = 2191 RPM
TORQUE = 12.7 G.CM
CURRENT = 0.172 AMP.
OUTPUT = 0.285 WATTS

AT MAXIMUM OUTPUT

SPEED = 1350 RPM
TORQUE = 33.6 G.CM
CURRENT = 0.370 AMP.
OUTPUT = 0.465 WATTS

CHARACTERISTICS

TORQUE CONSTANT = 96.000 G.CM/AMP.
E.M.F CONSTANT = 10.037 mV/Rad/Sec
DYNAMIC RESISTANCE = 4.054 Ohms
MOTOR REGULATION = 40.179 RPM/G.CM

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

PREPARED BY: [Signature] CHECKED BY: [Signature] APPROVED BY: [Signature]