

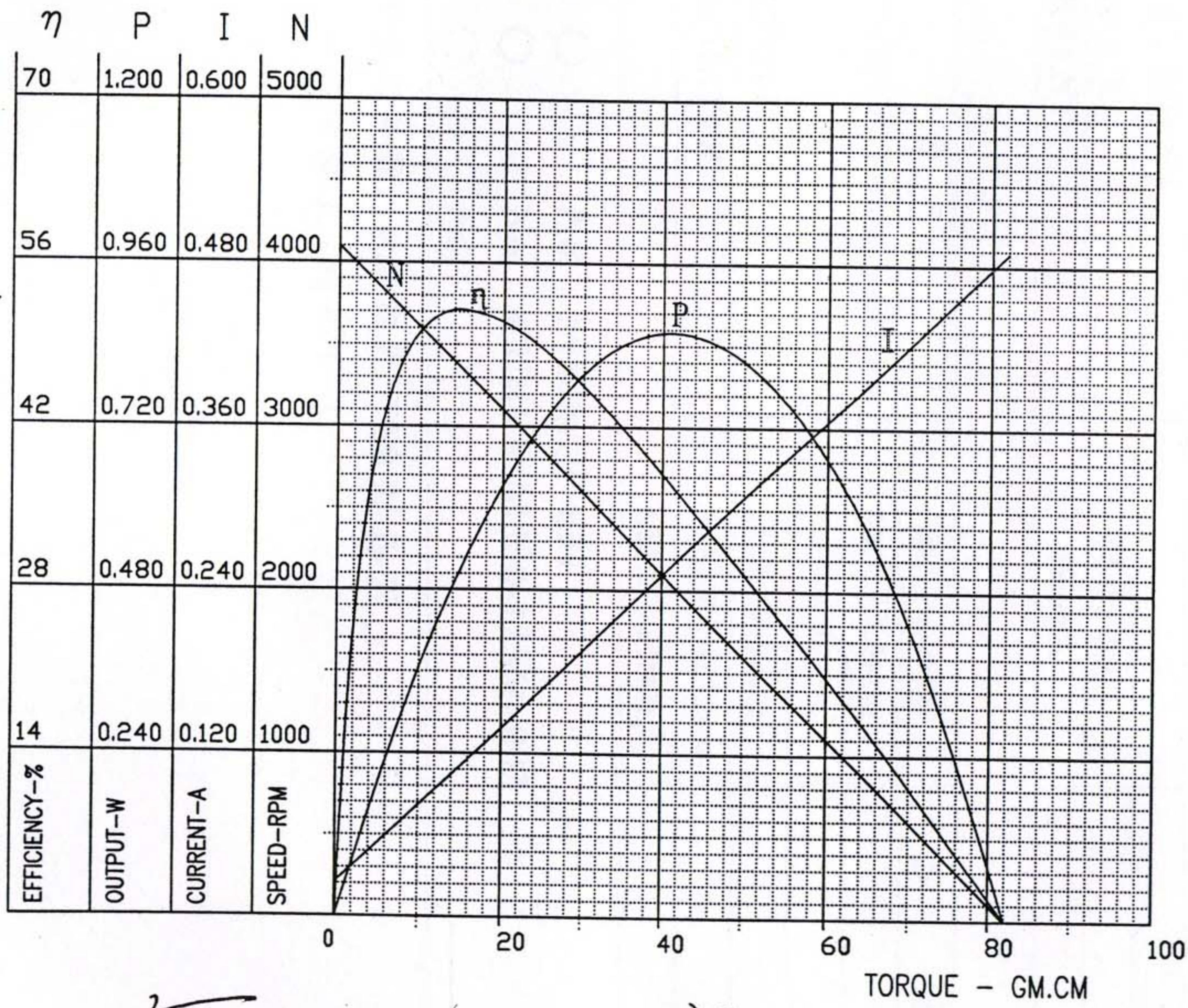
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MICRO MOTOR MFG. CO. NO.: curve - M500-12560-003

MOTOR PERFORMANCE CURVES AND CHARACTERISTICS:

MODEL: * **M500T-12560** *

VOLTAGE: **9.0 V**



PERFORMANCE

AT NO LOAD

SPEED = 4100 RPM
CURRENT = 0.025 AMP

AT STALL EXTRAPOLATION

TORQUE = 82.0 G.CM
CURRENT = 0.490 AMP.

AT MAXIMUM EFFICIENCY:

EFFICIENCY = 52.03 %
SPEED = 3345 RPM
TORQUE = 15.1 G.CM
CURRENT = 0.111 AMP.
OUTPUT = 0.518 WATTS

AT MAXIMUM OUTPUT

SPEED = 2050 RPM
TORQUE = 41.0 G.CM
CURRENT = 0.245 AMP.
OUTPUT = 0.862 WATTS

CHARACTERISTICS

TORQUE CONSTANT = 176.344 G.CM/AMP.
E.M.F CONSTANT = 19.892 mV/Rad/Sec
DYNAMIC RESISTANCE = 18.367 Ohms
MOTOR REGULATION = 50.000 RPM/G.CM

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

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