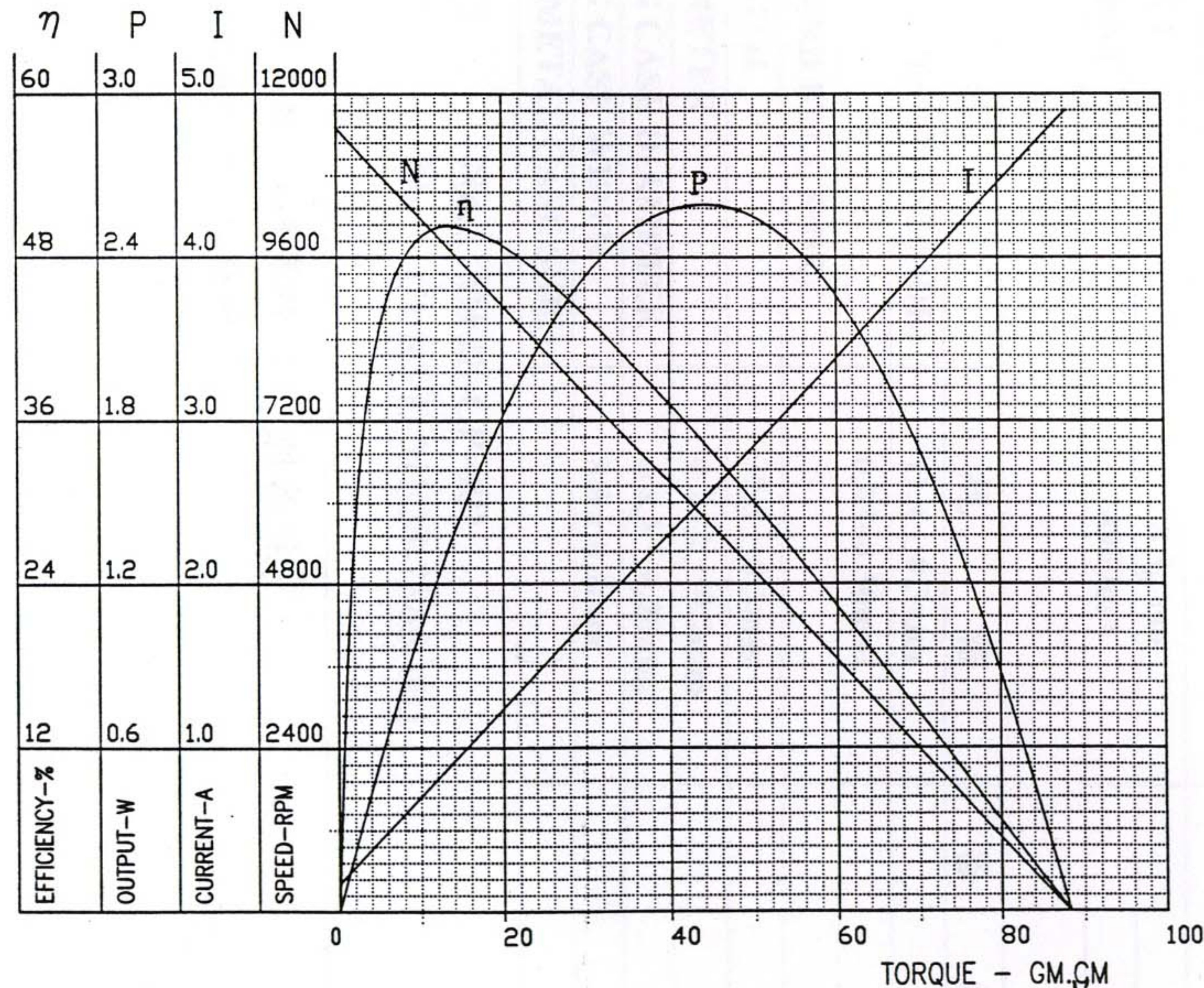


MICRO MOTOR MFG. CO. NO.: curve - MF28-2865-001

MOTOR PERFORMANCE CURVES AND CHARACTERISTICS:

MODEL: *MF28-2865*

VOLTAGE: 3.0 V



PERFORMANCE

AT NO LOAD

SPEED = 11500 RPM
CURRENT = 0.170 AMP

AT STALL EXTRAPOLATION

TORQUE = 88.3 G.CM
CURRENT = 4.900 AMP.

AT MAXIMUM EFFICIENCY:

EFFICIENCY = 50.35 %
SPEED = 9694 RPM
TORQUE = 13.9 G.CM
CURRENT = 0.913 AMP.
OUTPUT = 1.379 WATTS

AT MAXIMUM OUTPUT

SPEED = 5750 RPM
TORQUE = 44.2 G.CM
CURRENT = 2.450 AMP.
OUTPUT = 2.604 WATTS

CHARACTERISTICS

TORQUE CONSTANT = 18.668 G.CM/AMP.
E.M.F CONSTANT = 2.405 mV/Rad/Sec
DYNAMIC RESISTANCE = 0.612 Ohms
MOTOR REGULATION = 130.238 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]