

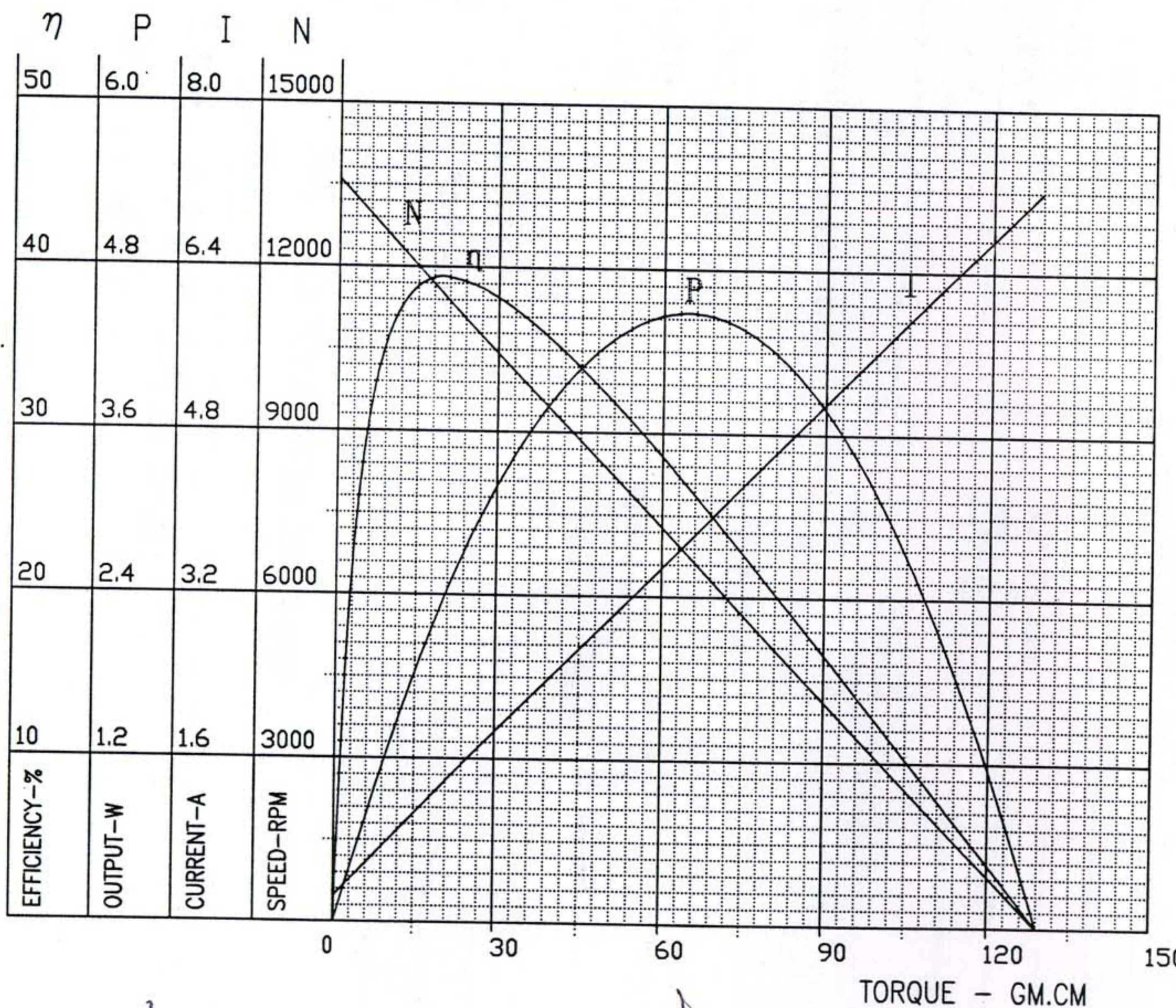
# MICRO MOTOR MFG. CO.

NO.: curve - M28-2865-005

## MOTOR PERFORMANCE CURVES AND CHARACTERISTICS:

MODEL: \* **M26C-2865** \*

VOLTAGE: 4.5 V



### PERFORMANCE

#### AT NO LOAD

SPEED = 13600 RPM  
CURRENT = 0.250 AMP

#### AT STALL EXTRAPOLATION

TORQUE = 129.0 G.CM  
CURRENT = 7.200 AMP.

#### AT MAXIMUM EFFICIENCY:

EFFICIENCY = 39.46 %  
SPEED = 11464 RPM  
TORQUE = 20.3 G.CM  
CURRENT = 1.342 AMP.  
OUTPUT = 2.382 WATTS

#### AT MAXIMUM OUTPUT

SPEED = 6800 RPM  
TORQUE = 64.5 G.CM  
CURRENT = 3.600 AMP.  
OUTPUT = 4.498 WATTS

#### CHARACTERISTICS

TORQUE CONSTANT = 18.561 G.CM/AMP.  
E.M.F CONSTANT = 3.050 mV/Rad/Sec  
DYNAMIC RESISTANCE = 0.625 Ohms  
MOTOR REGULATION = 105.426 RPM/G.CM

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

PREPARED BY: *ME ADB*

CHECKED BY: *PTG*

APPROVED BY: \_\_\_\_\_