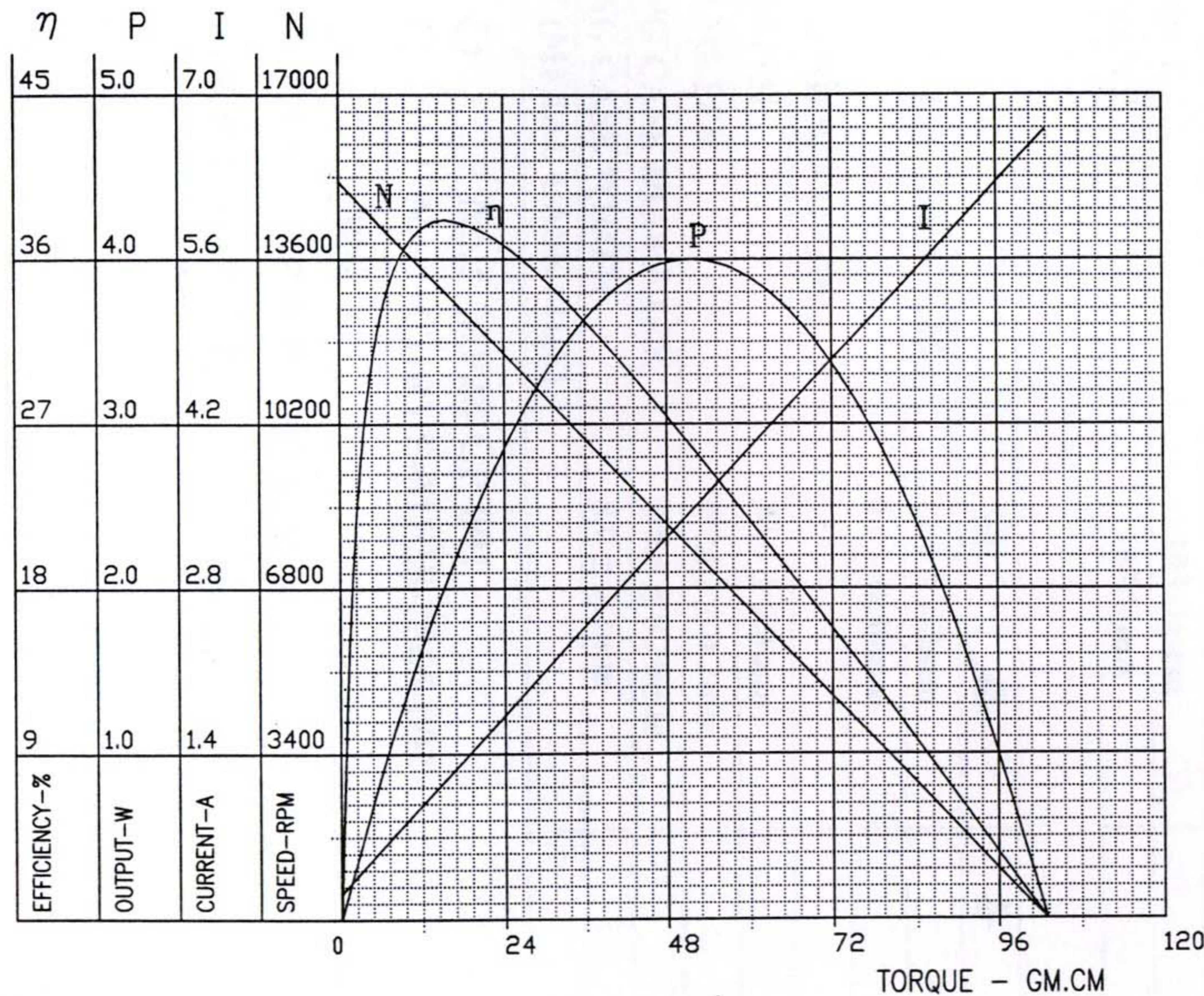


# MICRO MOTOR MFG. CO. NO.: curve - MF28-2865-002

## MOTOR PERFORMANCE CURVES AND CHARACTERISTICS:

MODEL: \*MF28C-2865\*

VOLTAGE: 4.5 V



### PERFORMANCE

#### AT NO LOAD

SPEED = 15200 RPM  
CURRENT = 0.220 AMP

#### AT STALL EXTRAPOLATION

TORQUE = 103.0 G.CM  
CURRENT = 6.700 AMP.

#### AT MAXIMUM EFFICIENCY:

EFFICIENCY = 38.17 %  
SPEED = 12868 RPM  
TORQUE = 15.8 G.CM  
CURRENT = 1.214 AMP.  
OUTPUT = 2.085 WATTS

#### AT MAXIMUM OUTPUT

SPEED = 7600 RPM  
TORQUE = 51.5 G.CM  
CURRENT = 3.350 AMP.  
OUTPUT = 4.014 WATTS

### CHARACTERISTICS

TORQUE CONSTANT = 15.895 G.CM/AMP.  
E.M.F CONSTANT = 2.734 mV/Rad/Sec  
DYNAMIC RESISTANCE = 0.672 Ohms  
MOTOR REGULATION = 147.573 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: \_\_\_\_\_