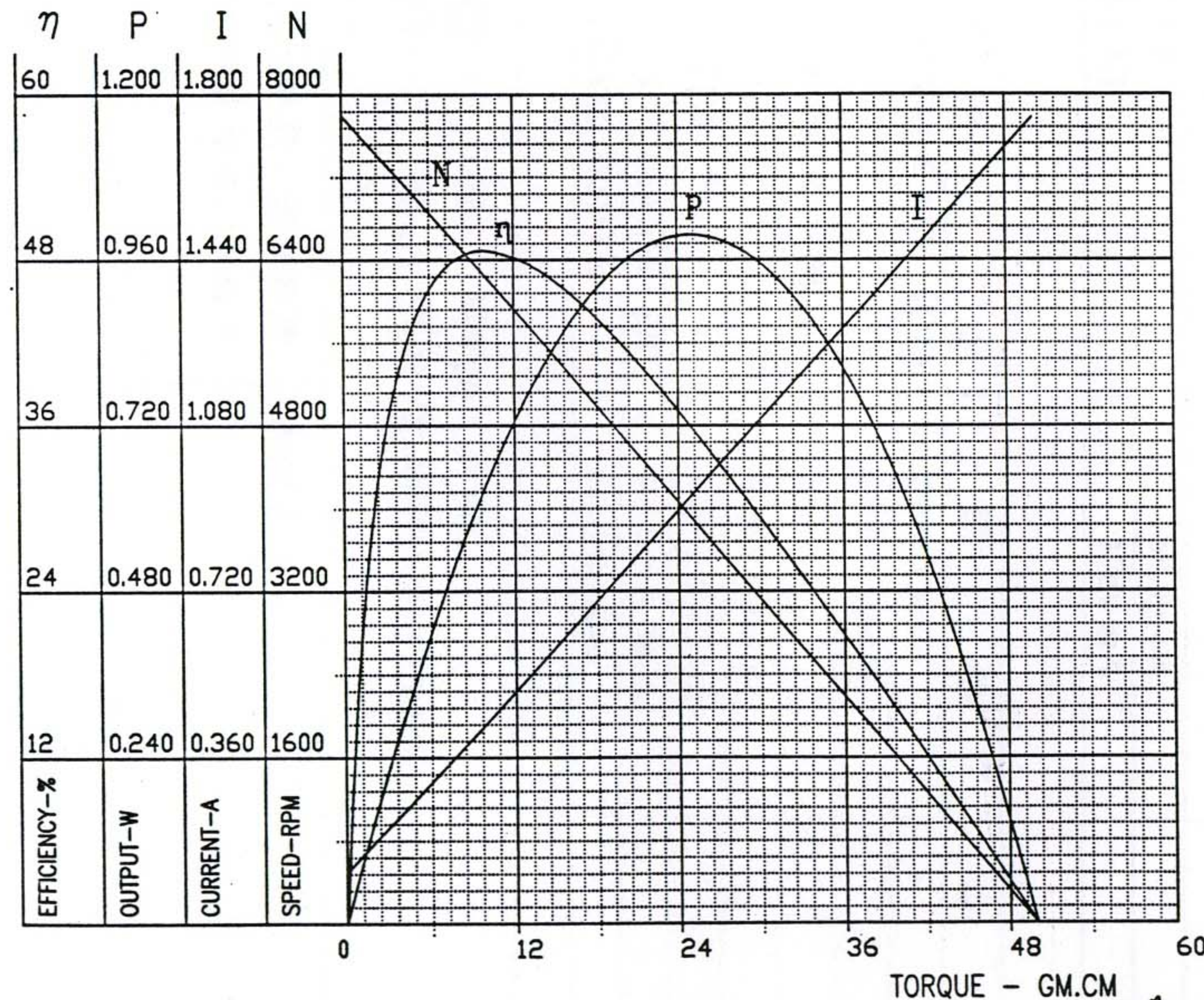


# MICRO MOTOR MFG. CO. NO.: curve - MF26-20120-001

## MOTOR PERFORMANCE CURVES AND CHARACTERISTICS:

MODEL: \*MF26-20120\*

VOLTAGE: 3.0 V



### PERFORMANCE

#### AT NO LOAD

SPEED = 7800 RPM  
CURRENT = 0.110 AMP

#### AT STALL EXTRAPOLATION

TORQUE = 50.0 G.CM  
CURRENT = 1.750 AMP.

#### AT MAXIMUM EFFICIENCY:

EFFICIENCY = 48.71 %  
SPEED = 6236 RPM  
TORQUE = 10.0 G.CM  
CURRENT = 0.439 AMP.  
OUTPUT = 0.641 WATTS

#### AT MAXIMUM OUTPUT

SPEED = 3900 RPM  
TORQUE = 25.0 G.CM  
CURRENT = 0.875 AMP.  
OUTPUT = 1.000 WATTS

### CHARACTERISTICS

TORQUE CONSTANT = 30.488 G.CM/AMP.  
E.M.F CONSTANT = 3.442 mV/Rad/Sec  
DYNAMIC RESISTANCE = 1.714 Ohms  
MOTOR REGULATION = 156.000 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]