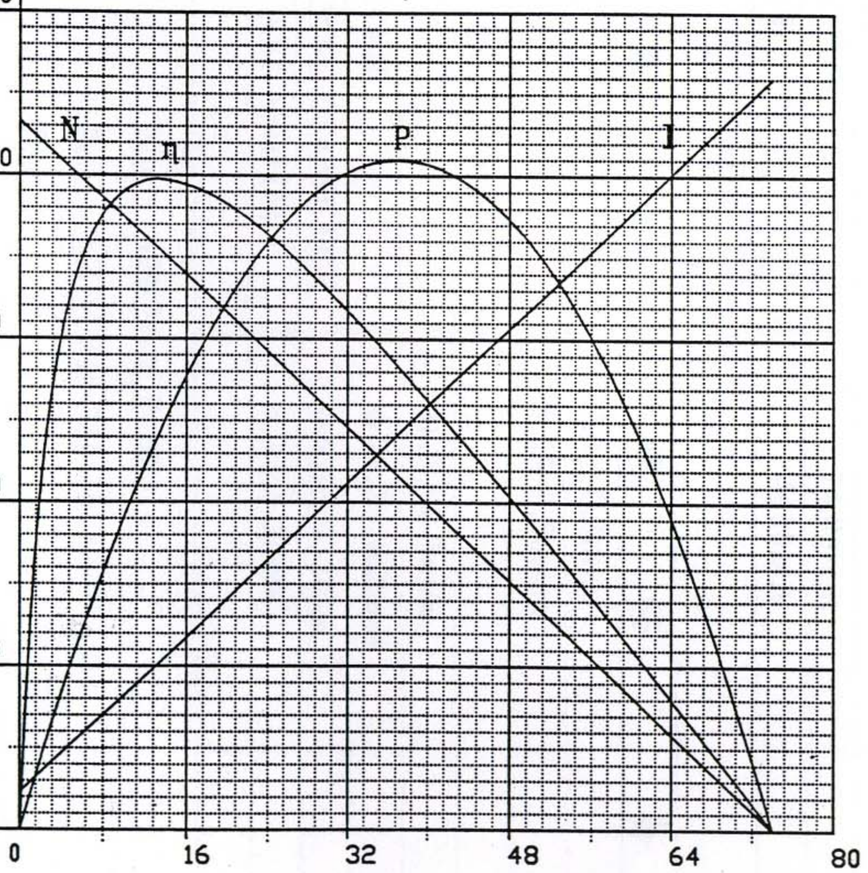
MICRO MOTOR MFG. CO. NO.: curve - MF26-2670-001

MOTOR PERFORMANCE CURVES AND CHARACTERISTICS:

MODEL: ***MF26-2670*** VOLTAGE: ***3.0 V***

η	P	I	N
60	3.0	5.0	15000
48	2.4	4.0	12000
36	1.8	3.0	9000
24	1.2	2.0	6000
12	0.6	1.0	3000
EFFICIENCY-%	OUTPUT-W	CURRENT-A	SPEED-RPM



PERFORMANECE

AT NO LOAD

SPEED = 13000 RPM
CURRENT = 0.230 AMP

AT STALL EXTRAPOLATION

TORQUE = 74.0 G.CM
CURRENT = 4.600 AMP.

AT MAXIMUM EFFICIENCY:

EFFICIENCY = 47.75 %
SPEED = 10624 RPM
TORQUE = 13.5 G.CM
CURRENT = 1.029 AMP.
OUTPUT = 1.474 WATTS

AT MAXIMUM OUTPUT

SPEED = 6500 RPM
TORQUE = 37.0 G.CM
CURRENT = 2.300 AMP.
OUTPUT = 2.467 WATTS

CHARACTERISTICS

TORQUE CONSTANT	= 16.934	G.CM/AMP.
E.M.F CONSTANT	= 2.093	mV/Rad/Sec
DYNAMIC RESISTANCE	= 0.652	Ohms
MOTOR REGULATION	= 175.676	RPM/G.CM

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

PREPARED BY: _____ CHECKED BY: _____ APPROVED BY: _____

FILENAME: Drawing.dwg.DWG