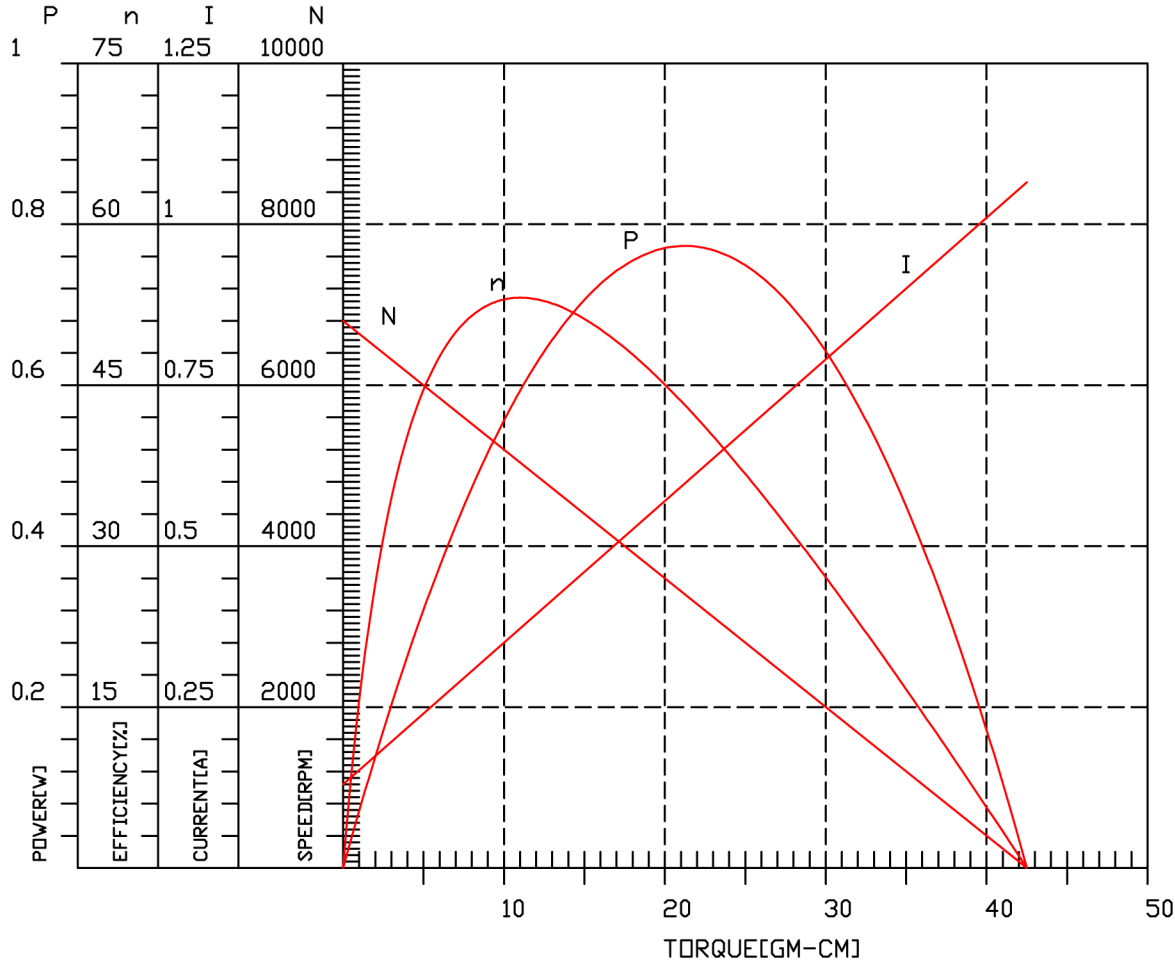


MOTOR PERFORMANCE CURVES AND CHARACTERISTICS

Solar Motor



Rated Voltage: DC 3.0 V

Rated load: 10.0g-cm

PERFORMANCE:

AT NO LOAD:

SPEED : 6800 RPM
CURRENT : 0.13 AMP

AT STALL:

TORQUE : 42.5 GM.CM
CURRENT : 1.065 AMP

AT MAXIMUM EFFICIENCY:

EFFICIENCY : 53.154 %
SPEED : 5039 RPM
TORQUE : 11 GM.CM
CURRENT : 0.372 AMP
OUTPUT : 0.593 WATTS

AT MAXIMUM OUTPUT:

SPEED : 3407 RPM
TORQUE : 21.2 GM.CM
CURRENT : 0.596 AMP
OUTPUT : 0.773 WATTS