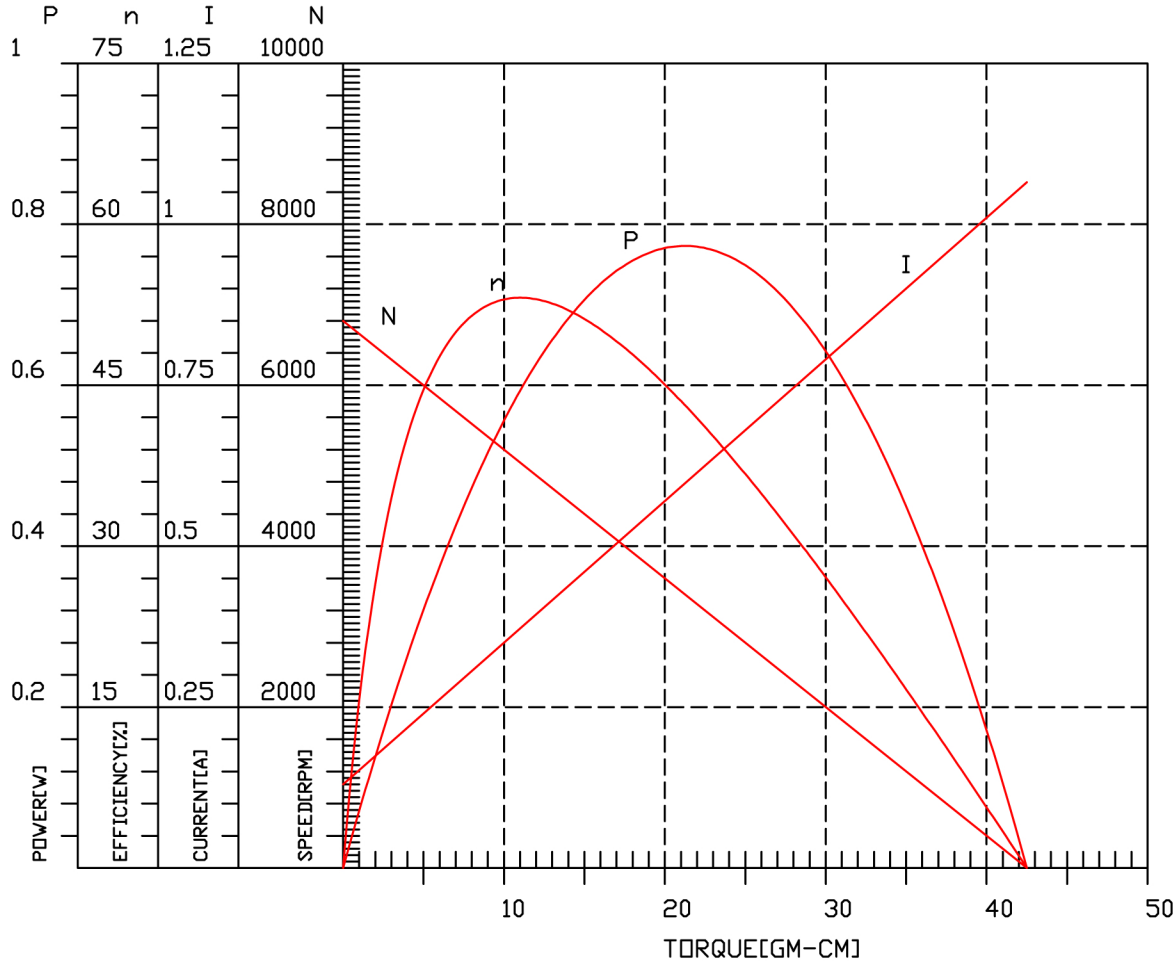


# MOTOR PERFORMANCE CURVES AND CHARACTERISTICS

## 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