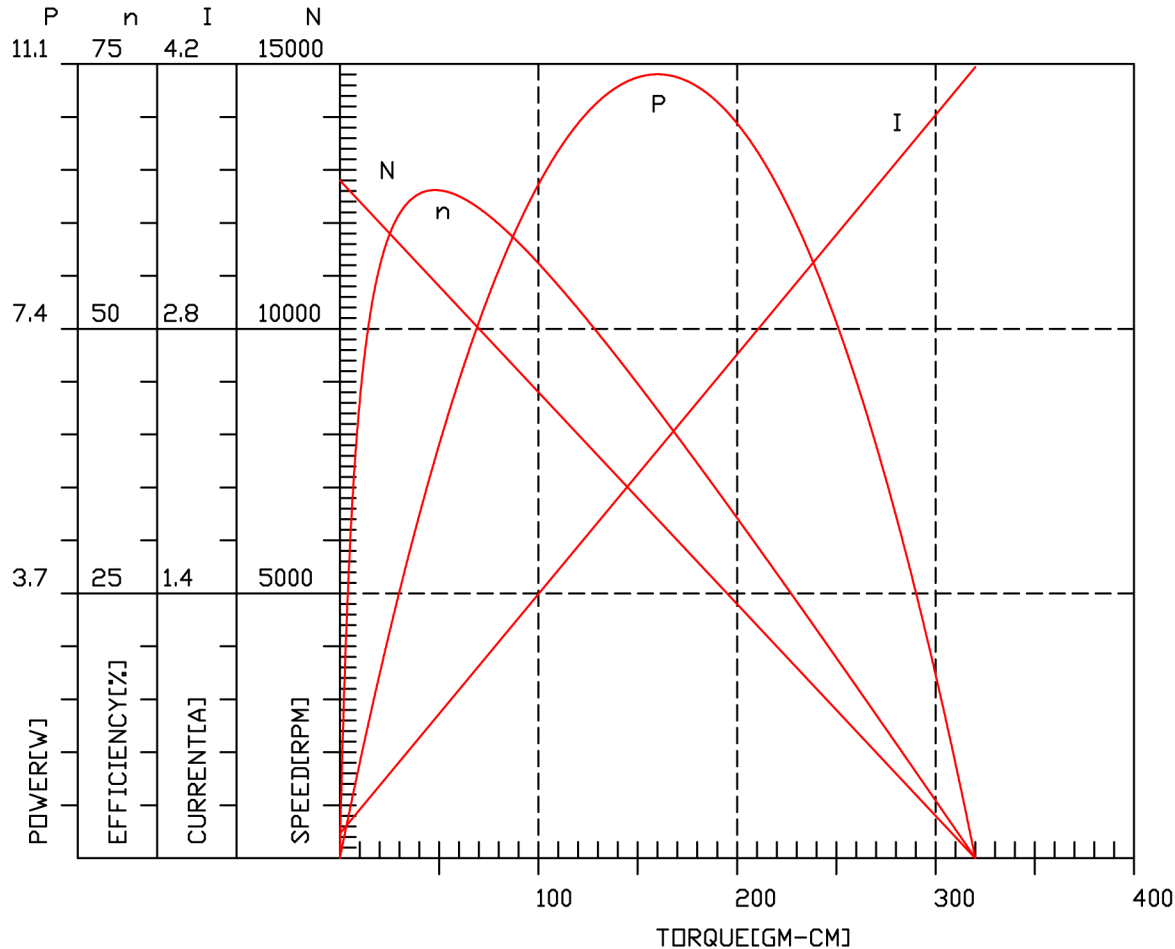


MOTOR PERFORMANCE CURVES AND CHARACTERISTICS

High Torque Generator



Rated Voltage: DC 12.0 V

Rated load: 45g-cm

PERFORMANCE:

AT NO LOAD:

SPEED : 12800 RPM
 CURRENT : 0.13 AMP

AT STALL:

TORQUE : 320 GM.CM
 CURRENT : 4.183 AMP

AT MAXIMUM EFFICIENCY:

EFFICIENCY : 63.098 %
 SPEED : 10879 RPM
 TORQUE : 48 GM.CM
 CURRENT : 0.738 AMP
 OUTPUT : 5.588 WATTS

AT MAXIMUM OUTPUT:

SPEED : 6400 RPM
 TORQUE : 160 GM.CM
 CURRENT : 2.156 AMP
 OUTPUT : 10.956 WATTS