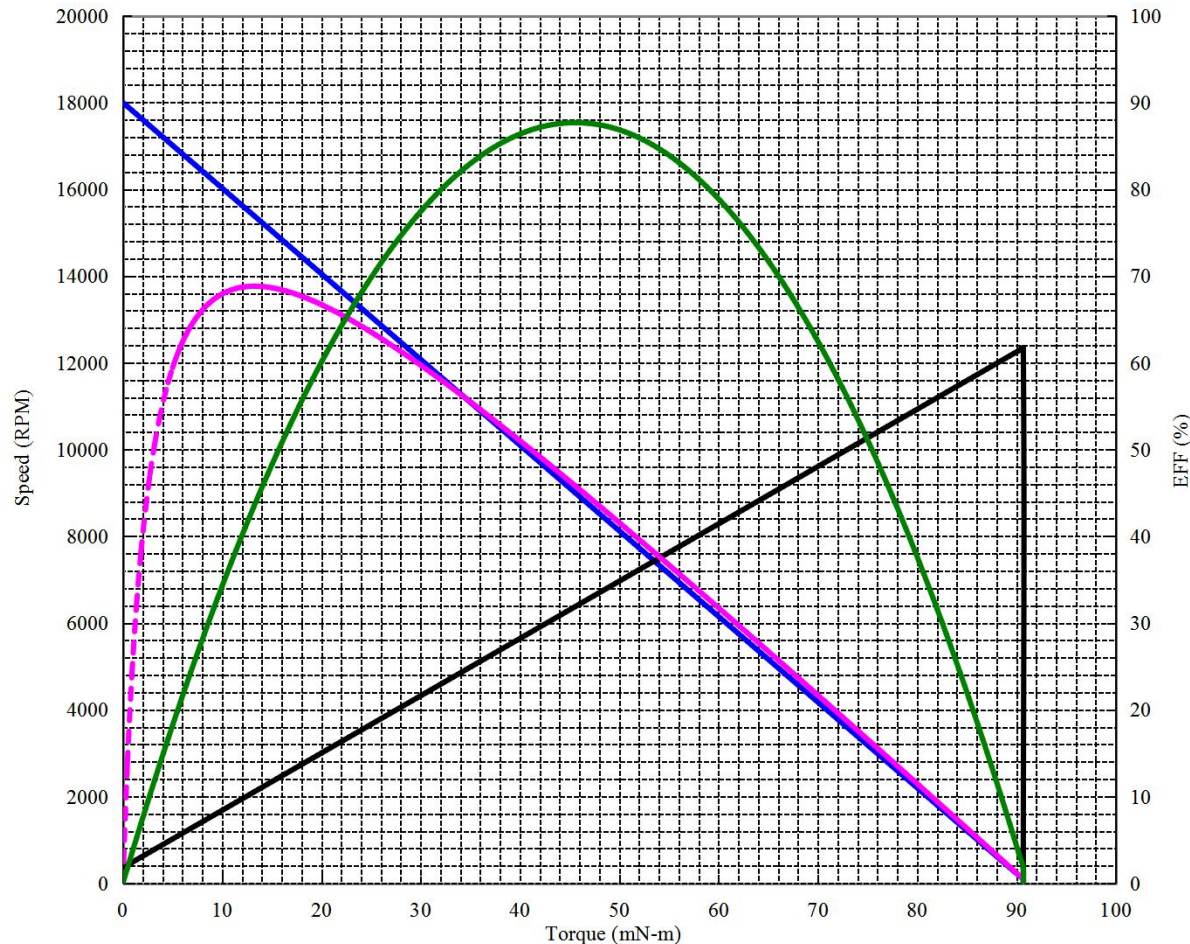




Excellence in Micromotors Since 1994

customer : 0
 No. : A
 Model : RS380PM-4531F-57D

Date : 04/02/19
 Full scale : - - - - - 100 % Eff
- - - - - 50.0 Watts
— — — — — 50.0 Amp.



Performance (in an ambient temperature of 25-30 ° C)

Motor tested rapidly to prevent significant temperature rise.

At a constant voltage of : 6.00 Volts

Direction : CCW

At No Load

Speed : 18000 RPM
 Current : 0.9 AMPS

At stall (Extrapolated)

Torque : 91.14 mN-m
 Current : 31.000 AMPS

At maximum efficiency

Efficiency: 67.4 %
 Torque : 13.269 mN-m
 Speed : 15380 RPM
 Current : 5.282 AMPS
 Output : 21.37 Watts

At maximum Power output

Output : 43.839 Watts
 Torque : 45.570 mN-m
 Speed : 9538 RPM
 Current : 15.05 AMPS

Characteristics

Torque constant : 3.028 mN-m/AMP
 E.M.F. constant : 3.028 mV/rad/sec
 Dynamic resistance: 0.1935 Ohms
 Motor regulation : 197.50 RPM/mN-m

Issued by QA Reliability Testing Center

COMPUTER PRINT-OUT
 NOMINAL MOTOR CURVES
 Performance and characteristics
 are measured based on limited
 motor samples only