No. : 253307

Model : B32-6V9RPM

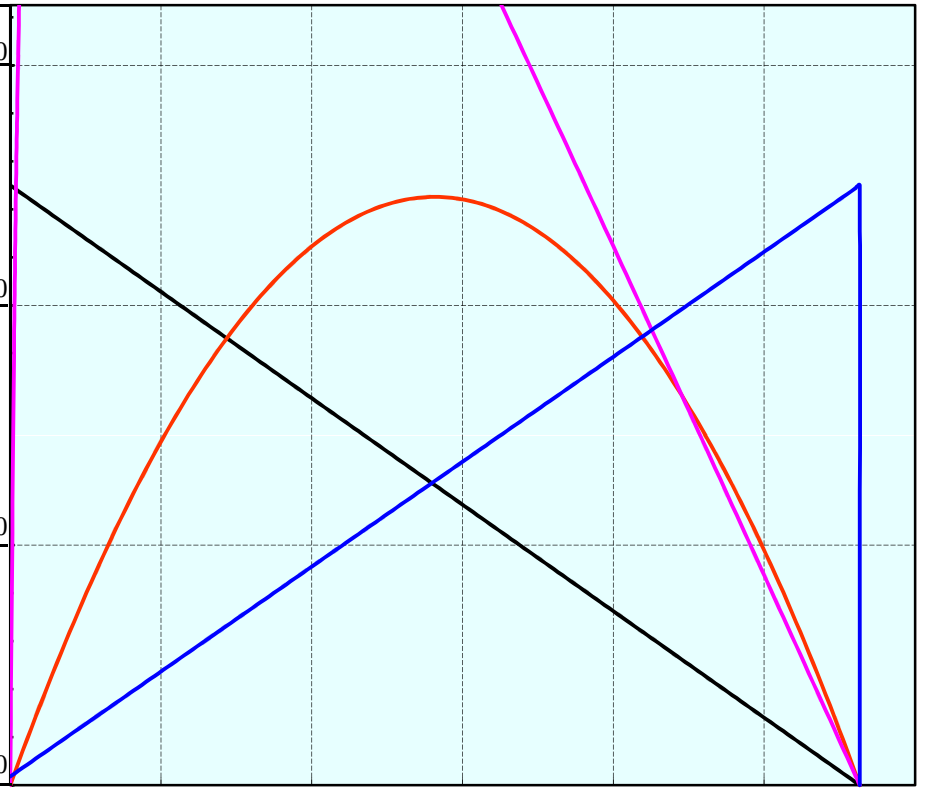
Date : 16-Sep-2015

Full scale : 74.40 Eff

1.240 Watts

2.016 Amp.

η	P	I	N
93	299.07	81.09	20280
62	199.38	54.06	13520
31	99.69	27.03	6760
0	0	0	0
Efficiency (%)	Output (Watts)	Current (Amps)	Speed (RPM)



(NOTE: 1mN-m = 10.2g-cm)

Drawing:

Checking:

Approval:

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 : 9 rpm

Current : 0.038 Amps

At stall (Extrapolated)

Torque : 825.0 m.Nm

Current : 2.016 Amps

At maximum efficiency

Efficiency : 74.40 %

Torque : 99.59 m.Nm

Speed : 8 rpm

Current : 0.277 Amps

Output : 1.240 Watts

At maximum Power output

Output : 2.911 Watts

Torque : 412.5 m.Nm

Speed : 5 rpm

Current : 0.99 Amps

Characteristics

Torque constant : 417.025 g.cm/Amp

E.M.F. constant : 417.025 mV/rad/sec

Dynamic resistance : 2.9758 Ohms

Motor regulation : 0.01 rpm/g.cm

Issued by QA Reliability Testing Center

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