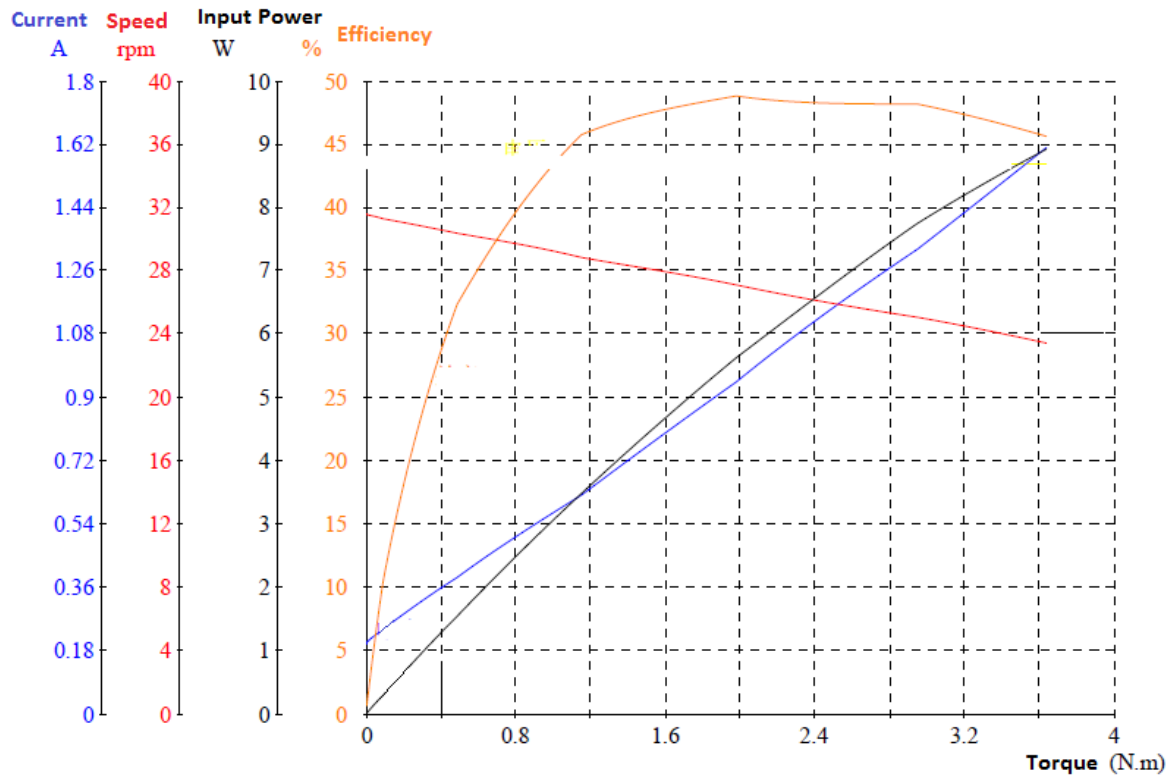




Orange TT555 12V 30RPM Square Gearbox DC motor Test Report



| Feature Points | Voltage(V) | Current(A) | Input power(W) | Torque (N.m) | Speed(RPM) | Output Power(W) | Efficiency (%) | Time(s) |
|----------------------|------------|------------|----------------|--------------|------------|-----------------|----------------|---------|
| No Load | 12.24 | 0.200 | 2.451 | 0.005 | 31.6 | 0.016 | 0.7 | 0.000 |
| Eff. max | 12.20 | 0.945 | 11.53 | 1.983 | 27.1 | 5.624 | 48.8 | 37.14 |
| P _{out} max | 12.16 | 1.608 | 19.56 | 3.642 | 23.4 | 8.923 | 45.6 | 52.20 |
| Torque max | 12.16 | 1.608 | 19.56 | 3.642 | 23.4 | 8.923 | 45.6 | 52.20 |