

U1625-200 Series Linear Joint Motor

| Model | | U1625-200 |
|----------------------------------|-------------------------|-----------|
| DC Voltage (VDC) | | 12 |
| Rated Output (W) | | 3.14 |
| Rated torque (N.m) | | 0.02 |
| Instant Max Torque (N.m) | | 0.04 |
| Rated Current (A) | | 0.8 |
| Instant Max Current (A) | | 1.6 |
| Rated Speed (rpm) | | 1500 |
| Maximum Speed (rpm) | | 3000 |
| Torque Parameter (Nm/A) | | 0.03 |
| Rotor inertia ($10^{-4}m^2$) | | 0.005 |
| Back EMF coefficient (Vrms/KRPM) | | 3.3 |
| Resistance(Ω) | | 6.8 |
| Coil Inductance (mH) | | 0.8 |
| Number of Pole-pairs(2P) | | 5 |
| Weight(kg) | | 0.20 |
| Size(mm) | L1(Stator stack height) | 20 |
| | L2(Rotor height) | 20.5 |
| | L3(Overall height) | 25.4 |

Specification & drawing

