

| | | |
|----------|-------------------------------------|------------------------------------|
| AS | Sealing air | Pipe fitting $\phi 8$, Hole: G1/8 |
| EC | Power cable and Thermistors in coil | No cable |
| N.W | | 6.6kg |
| G.W | | 8.6kg |
| MEAS | | 350x19. x145mm |
| INFRANOR | | DGZM-07212/1-GS |
| | | GZM116-000-DY |

Spindle Technical Specifications

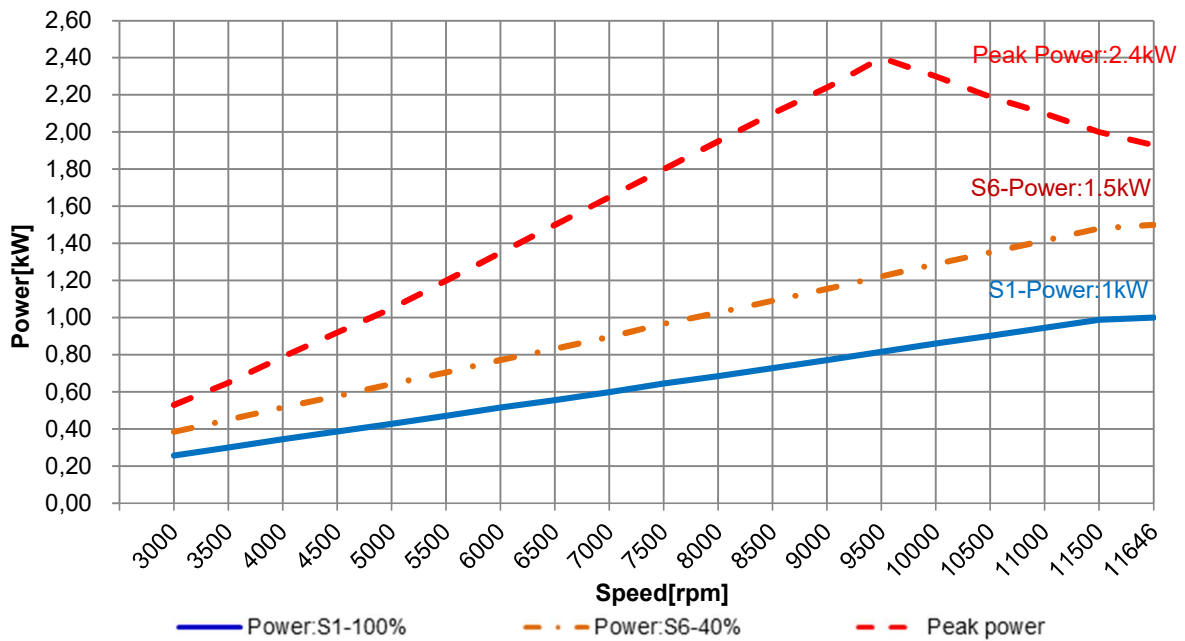
| Spindle model | DGZM-07212 / 1-GS | |
|------------------------------|-------------------|----------|
| Items | Parameters | Note |
| Motor Type | Asynchronous | |
| Poles | 4 | |
| Voltage (V) | 380 | |
| Rated Power (S1-100%) (kW) | 1.0 | |
| Rated Torque (S1-100%) (Nm) | 0.82 | |
| Rated Current (S1-100%) (A) | 2.4 | |
| Rated Power (S6-40%) (kW) | 1.5 | ts=2 min |
| Rated Torque (S6-40%) (Nm) | 1.23 | ts=2 min |
| Rated Current (S6-40%) (A) | 3.6 | ts=2 min |
| Max speed (rpm) | 12000 | |
| Rated speed (rpm) | 12000 | |
| Isolation Resistance (MΩ) | ≥500 | |
| Grounding Check (Ω) | ≤1.5 | |
| Out Cone Radial Run-out (mm) | ≤0.001 | |
| Axial Run-out(mm) | ≤0.001 | |
| Bearing's lubrication type | Grease | |
| Axial stiffness (N/μm) | ≥50 | |
| Radial stiffness (N/μm) | ≥55 | |
| Vibration (mm/s) | ≤0.6 | |
| Spindle Coolant Medium | Compressing air | |
| Air Sealing (MPa) | 0.3 | |
| Motor temperature sensor | PTC | |

| | | |
|------------------------|-------------|--|
| Installation direction | Horizontal | |
| N.W (kg) | 6.6 | |
| G.W (kg) | 8.6 | |
| Package size(mm) | 350×190×145 | |

Power and Torque Diagram

Model: DGZM-07212 / 1-GS

Power Diagram (Cycle time:2 min)



Torque Diagram (Cycle time:2 min)

