

WA IN	Cooling water inlet	Pipe fitting $\phi 10$, Hole: G1/4
WA OUT	Cooling water outlet	Pipe fitting $\phi 10$, Hole: G1/4
AS	Sealing air	Pipe fitting $\phi 6$, Hole: G1/8
EC	Power cable and Thermistors in coil	Cable length: 1m
N.W		12.5kg
G.W		14.5kg
MEAS		480x270x200mm
INFRANOR		DGZM-10040 / 6.0C-DWS
		GZM95-000-DY

Spindle Technical Specifications

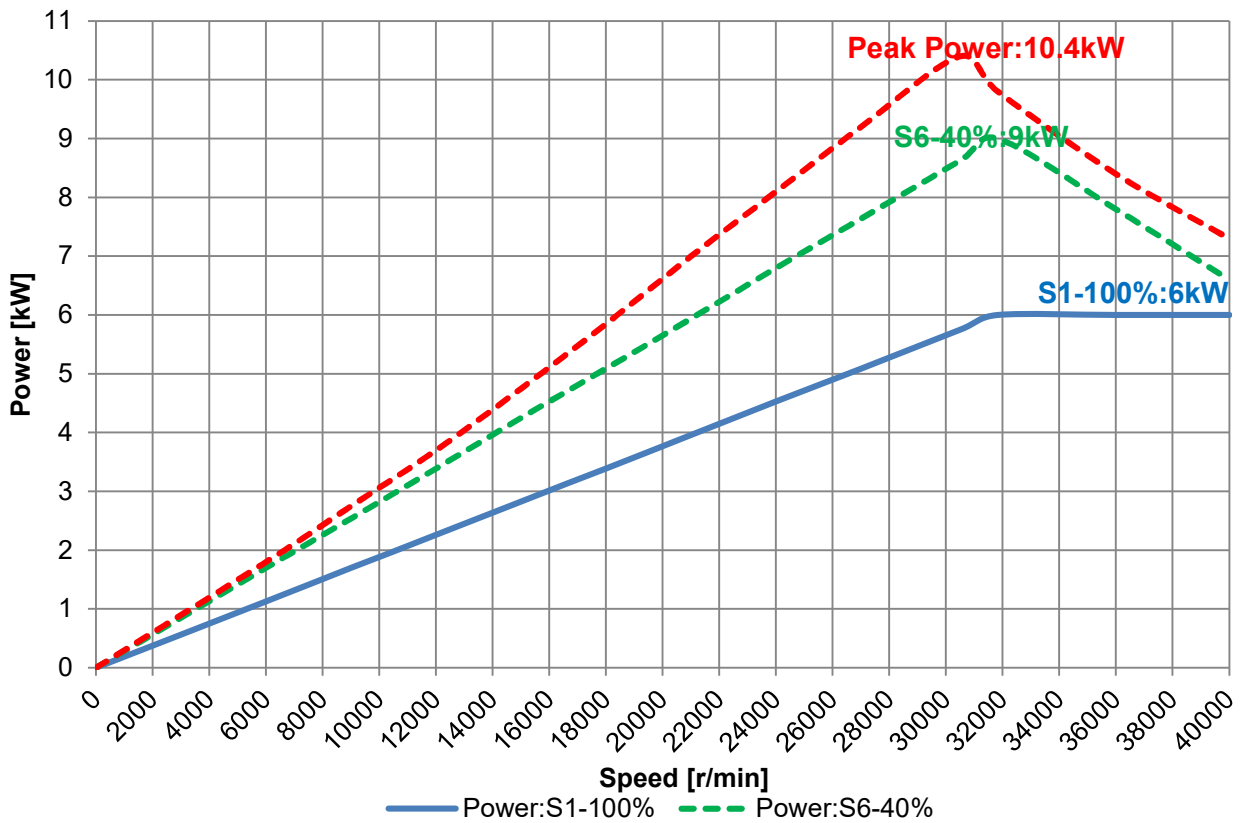
Spindle model	DGZM-10040/6.0C-DWS	
Items	Parameters	Note
Motor Type	Asynchronous	
Poles	4	
Voltage (V)	380	
Rated Power (S1-100%) (kW)	6.0	
Rated Torque (S1-100%) (Nm)	1.8	
Rated Current (S1-100%) (A)	12.6	
Rated Power (S6-40%) (kW)	9.0	ts=2 min
Rated Torque (S6-40%) (Nm)	2.7	ts=2 min
Rated Current (S6-40%) (A)	18.9	ts=2 min
Max. speed (rpm)	40,000	
Rated speed (rpm)	31,833	
Isolation Resistance (MΩ)	≥500	
Grounding Check (Ω)	≤1.0	
Tool interface	Straight hole and screw threadΦ17-M16×1.5	
Out Cone Radial Run-out (mm)	≤0.001	
Axial Run-out(mm)	≤0.001	
Testing Stick Radial Run-out(50mm)	≤0.005	
Bearing's lubrication type	Grease	
Axial stiffness (N/μm)	≥60	
radial stiffness (N/μm)	≥100	
Vibration (mm/s)	≤0.8	
Spindle Coolant Medium	Water	

Cooling Power Demand (kW)	1.2	
Coolant Flow (L/min)	4-6	
Air Sealing (MPa)	0.15	
Motor temperature sensor	KTY84-130	
Installation direction	Horizontal	
N.W (kg)	12.5	
G.W (kg)	14.5	
Package size (mm)	540×270×250	

Power and Torque Diagram

Model: DGZM-10040/6.0C-DWS

Power Diagram (Cycle time:2 min)



Torque Diagram (Cycle time:2 min)

