

WA IN	Cooling water inlet	Pipe fitting ϕ 12, Hole: G1/4
WA OUT	Cooling water outlet	Pipe fitting ϕ 12, Hole: G1/4
AS	Sealing air	Pipe fitting ϕ 8, Hole: G1/8
EC	Power cable and Thermistors in coil	Cable length: 5m
N.W		65kg
G.W		75kg
MEAS		740x340x440mm
INFRANOR	DGZM-17010 / 15-DWS	GZM79-000-DY

Spindle Technical Specifications

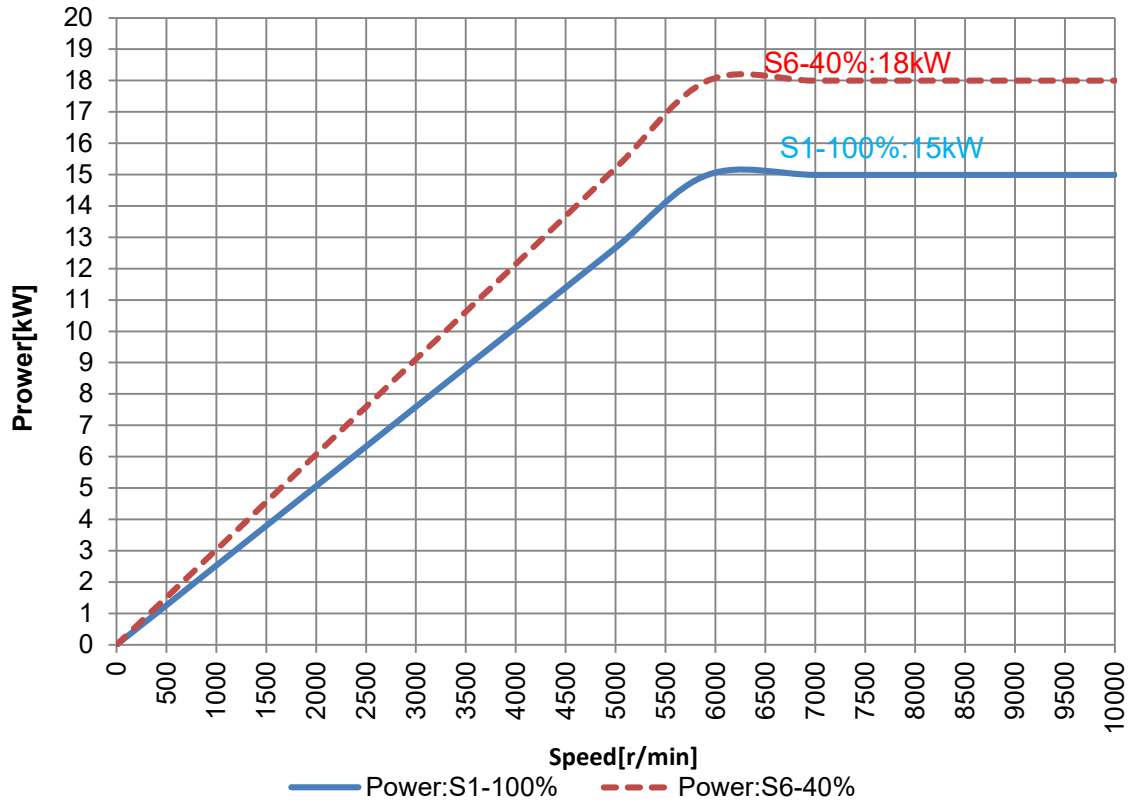
Spindle model	DGZM-17010/15-DWS	
Items	Parameters	Note
Motor Type	Asynchronous	
Poles	6	
Voltage (V)	320	
Rated Power (S1-100%) (kW)	15	
Rated Torque (S1-100%) (Nm)	24.2	
Rated Current (S1-100%) (A)	35.2	
Rated Power (S6-40%) (kW)	18	ts=2 min
Rated Torque (S6-40%) (Nm)	29	ts=2 min
Rated Current (S6-40%) (A)	42.2	ts=2 min
Max. speed (rpm)	10,000	
Rated speed (rpm)	5,921	
Isolation Resistance (MΩ)	≥500	
Grounding Check (Ω)	≤1.5	
Out cone taper	Straight hole and screw threadΦ25-M10 (Grinding Wheel Blockφ31.75)	
Out Cone Radial Run-out (mm)	≤0.001	
Axial Run-out(mm)	≤0.001	
Bearing's lubrication type	Grease	
Axial stiffness (N/μm)	≥130	
Radial stiffness (N/μm)	≥200	
Vibration (mm/s)	≤0.8	
Spindle Coolant Medium	Water	
Cooling Power Demand (kW)	3	

Coolant Flow (L/min)	6-8	
Air Sealing (MPa)	0.15	
Motor temperature sensor	PTC	
Installation direction	Horizontal	
N.W (kg)	65	
G.W (kg)	75	
Package size (mm)	740×340×440	

Power and Torque Diagram

Model: DGZM-17010/15-DWS

Power Diagram (Cycle time:2 min)



Torque Diagram (Cycle time:2 min)

