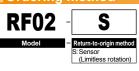
Rotary type / Sensor specification

CE compliance Limitless rotation

Ordering method



N: Standard torque H: High torque N: Standard H: High rigidity

S2S Cable length N PN: PNF GW: No I/O board SHS B: With batter

Note 1. The robot cable is flexible and resists bending. Note 2. See P.522 for DIN rail mounting bracket.

Note 3. Select this selection when using the gateway function. For details, see P.66.

Basic specifications Motor 20 Step motor Resolution (Pulse/rotation)

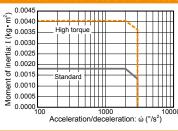
Repeatability Note 1 (°)	+/-0.05		
Drive method	Special warm gear + belt		
Torque type	Standard	High torque	
Maximum speed Note 2 (°/sec)	420	280	
Rotating torque (N•m)	0.22	0.32	
Max. pushing torque (N•m)	0.11	0.16	
Backlash (°)	+/-0.5		
Max. moment of inertia Note 3 (kg·m²)	0.0018	0.004	
Cable length (m)	Standard: 1 / Option: 3, 5, 10		
Rotation range (°)	360		
Note 1 Positioning repeatability in one direction			

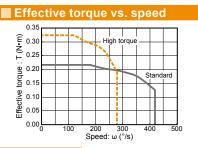
Note 1. Positioning repeatability in one direction.

Note 2. The maximum speed may vary depending on the moment of inertia. Check the maximum speed while referring to the "Moment of inertia vs. Acceleration/ deceleration" graph and the "Effective torque vs.

speed" graph (reference). Note 3. For moment of inertia and effective torque details, see P.641.

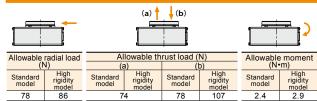
Moment of inertia Acceleration/deceleration





PN: PNP CC: CC-Link

Allowable load

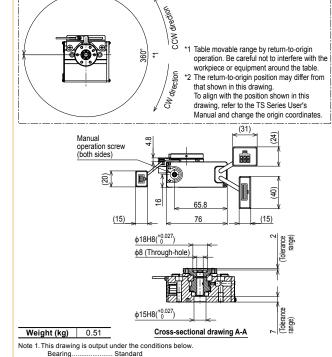


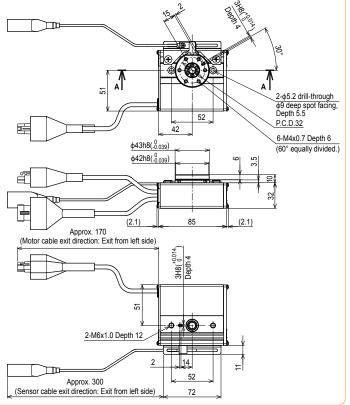
Controller		
Controller	Operation method	
TS-S2S	I/O point trace /	
TS-SHS	Remote command	

(Absolute) (Incremental)

Note. When purchasing the product, set the controller acceleration while carefully checking the "Moment of inertia vs. Acceleration/Deceleration" and "Effective torque vs. Speed" graphs.
For details, please refer to the TRANSERVO Series User's Manual.

RF02-SN Sensor specification - Standard model





Torque Standard/High torque

Note 2. The minimum bending radii of the motor cable and sensor cable are R30.

Note 3. The motor cable exit direction is only the left side.

