

## Planetary Drive- cross roller bearing

### RGSRB Series

#### Feature

High precision; low noise

Use cross roller bearing

High reduction ratio with almost zero backlash. Can reduce speed down to as low as 1:10000

The sizes are some of the most compact of all gearboxes



#### Specification

Description / Models	SPR250	SDBF80	SRB150FA
Continuous Torque (kgf*m/NM)	10/98	5.03/49.29	6.94/68.07
Max. Torque (kgf*m/NM)	30/294	15.09/147.88	20.84/204.23
Breaking Point (kgf*m/NM)	60/588	30.18/295.76	41.69/408.57
Permissible Input Rotation (r/min)	3000	3000	3000
Backlash (arc-min)	≥1	≥1	0.25
Gear Reducer Inertia (kg*cm <sup>2</sup> )	0.322	0.189	2.932
Weight (kg)	20.5	3.6	5.3
Ratio table of gear reducer	25	800	90

**Installation of gear box:** The gearbox is a high precision product; hence it must be careful in installation, and forbid knocking at the shaft and any part of the gearbox.