

RGWS Series

Feature

Backlash free

Torque capacity: 1.25 – 42kgf*m (12.2Nm – 411Nm)

Hollow output shaft design for various applications and 5 mounting surfaces for flexible installations.

Adjustable backlash and suitable low load and intermitted motion.

It must be run through installing in right-angle Hollow Gearbox.

The WS can install in deviation when running through yet :

The deflection can't greater than 0.5

The Eccentricity can't greater than 0.01mm



Specification

Ratio Table of Gear Reducer RGWS Series Ratio 1:2

Description	RGWS42	RGWS60	RGWS70F	RGWS90F	RGWS120F	RGWS150F	RGWS180F
Continuous Output Torque (kgf*m/Nm)	0.42/4.1	0.67/6.5	1/9.8	2/19.6	4/39	9/88	14/137
Max. Torque of Load (kgf*m/Nm)	1.25/12.2	2/19.6	3/29.4	6/58.8	12/117	27/264	42/411
Breaking Torque (kgf*m/Nm)	2.5/24.5	4/39.2	6/58.8	12/117.6	24/235	54/529	84/823
Permissible Input RPM (r/min)	1500	1500	1200	1000	800	800	500
Gear Reducer Inertia (kg*cm ²)	0.035	0.04	0.05	0.23	0.8	1.72	2.12
Permissible Axis Max. Load (kgf)	25	50	86	140	250	350	550
Weight (kg)	0.6	1.1	1.2	3.4	7.4	13	41
L1(kg) Weight	0.9	1.7	2.1	5.7	12.5	17	52.1
L2(kg) Weight	1.0	2.0	2.4	6.8	14.3	17.8	52.8
L3(kg) Weight	1.2	2.3	2.7	7.9	15.4	18.9	53