



CYCLOIDAL GEAR REDUCERS

Three Series | Combined Model Overview

13 MODELS | CGR-F FLANGE OUTPUT / CGR-FH HOLLOW SHAFT / CGR-FR RIGHT-ANGLE

Series	Model	Available Axis Ratios	Available Shell Ratios	Rated Output Torque (Nm)	Max. Acceleration Torque (Nm)	Permissible Torque (Nm)	Rated Input Speed (rpm)	Max. Input Speed (rpm)	Tilting Stiffness (Nm/arcmin)	Torsional Stiffness (Nm/arcmin)	Max. Axial Force (kN)	Max. Radial Force (kN)	Weight (kg)
CGR-F Flange Output	CGR-F-005	15 / 21 / 51	12 / 22 / 52	5–10	10–20	15–30	3000	6000	9	1.5	0.6	0.8	0.05
CGR-F Flange Output	CGR-F-007	21 / 41 / 51	12 / 42 / 52	10–30	20–60	30–90	3000	6000	13	2.1	0.8	1	0.08
CGR-F Flange Output	CGR-F-012	11 / 21 / 31 / 51 / 81	12 / 22 / 32 / 52 / 82	15–60	30–100	45–150	3000	6000	60	8	2.5	3.3	0.8
CGR-F Flange Output	CGR-F-017	21 / 31 / 41 / 51 / 81	22 / 32 / 42 / 52 / 82	30–70	60–140	90–210	3000	6000	65	10	2.5	3.3	0.98
CGR-F Flange Output	CGR-F-025	21 / 31 / 51 / 81 / 101	22 / 32 / 52 / 82 / 102	50–130	100–260	150–390	3000	5500	130	18	5.5	7.1	2.18
CGR-F Flange Output	CGR-F-032	25 / 31 / 51 / 81 / 101 / 121	26 / 32 / 52 / 82 / 102 / 122	120–300	240–600	360–900	3000	4500	300	50	8.5	11	4.66
CGR-F Flange Output	CGR-F-040	31 / 51 / 81 / 121	32 / 52 / 82 / 122	250–600	500–1200	750–1800	3000	4000	450	75	10.9	14.3	7.5
CGR-FH Hollow Shaft	CGR-FH-017	21 / 31 / 51 / 81 / 121	22 / 32 / 52 / 82 / 122	40–80	80–160	120–240	3000	6000	110	16	4	2.8	1.13
CGR-FH Hollow Shaft	CGR-FH-025	25 / 31 / 51 / 81 / 101	26 / 32 / 52 / 82 / 102	70–130	140–260	210–390	3000	6000	110	16	8.5	6.5	2.65
CGR-FR Right-Angle	CGR-FR-017	21 / 31 / 41 / 51 / 81	22 / 32 / 42 / 52 / 82	30–70	60–140	90–210	3000	5000	65	10	2.5	3.3	1.5
CGR-FR Right-Angle	CGR-FR-025	21 / 31 / 51 / 81 / 101	22 / 32 / 52 / 82 / 102	50–130	100–260	150–390	3000	4000	131	24	4.5	5.8	3.2
CGR-FR Right-Angle	CGR-FR-032	25 / 31 / 51 / 81 / 101 / 121	26 / 32 / 52 / 82 / 102 / 122	120–300	240–600	360–900	3000	4000	240	35	6.5	8.2	6.8
CGR-FR Right-Angle	CGR-FR-040	31 / 51 / 81 / 121	32 / 52 / 82 / 122	250–600	500–1200	750–1800	3000	4000	450	75	8.3	10.7	9.3