



MC037

Material	Bearing	Radial load	Axial load	Output shaft max press-in force	Output shaft radial clearance	Output shaft axial clearance	No-load backlash
Plastic	Porous bearing	≤1Kgf	≤0.7Kgf	≤5Kgf	≤0.06mm	≤0.35mm	≤2°

Gearbox Stages	2		3		4			5				6			7						
Reduction ratio	6	9	14	20	29	42	53	80	101	128	166	218	282	350	452	583	753	953	1232	1591	1809
Max rated torque (kgf.cm)	2	2	3	3	4.5	4.5	4.5	6	6	6	6	7.5	7.5	7.5	7.5	7.5	9	9	9	9	9
Max Instant torque (kgf.cm)	6	6	9	9	9	9	9	15	15	18	18	18	18	18	18	18	18	18	18	18	18
Gearbox efficiency (%)	81	81	73	73	65	65	65	59	59	59	59	53	53	53	53	53	48	48	48	48	48
Gearbox length L1 (mm)	19.5		22		24.5			27				29.5			32						
Overall Length L0 (mm)	76.5		79		81.5			84				86.5			89						

Relative humidity: 20%~85%RH, Temperature range: -15°C ~ 85°C.

