



MC024

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	≤0.5Kgf	≤0.4Kgf	≤4Kgf	≤0.06mm	≤0.3mm	≤2°

Gearbox Stages	3		4			5			6				7	
Reduction ratio	13	20	30	46	62	94	128	174	235	319	434	591	783	1064
Max rated torque (kgf.cm)	0.7	0.7	1.5	1.5	1.5	2.5	2.5	2.5	3	3	3	3	3	3
Max Instant torque (kgf.cm)	2.1	2.1	4.5	4.5	4.5	7.5	7.5	7.5	9	9	9	9	9	9
Gearbox efficiency (%)	73	73	65	65	65	59	59	59	53	53	53	53	47	47
Gearbox length L1 (mm)	12.9		15.5			17.1			18.7				20.3	
Overall Length L0 (mm)	43.7		46.3			47.9			49.5				51.1	

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

