



MC020

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	≤0.4Kgf	≤0.2Kgf	≤2Kgf	≤0.06mm	≤0.3mm	≤1.5°

Gearbox Stages	3		4			5				6				7						
Reduction ratio	10	13	21	28	36	52	67	88	99	125	162	188	212	270	301	393	454	512	652	736
Max rated torque (kgf.cm)	0.5	0.5	0.7	0.7	0.7	1.5	1.5	1.5	1.5	2	2	2	2	2	2.5	2.5	2.5	2.5	2.5	2.5
Max Instant torque (kgf.cm)	1.5	1.5	2.1	2.1	2.1	4.5	4.5	4.5	4.5	6	6	6	6	6	7.5	7.5	7.5	7.5	7.5	7.5
Gearbox efficiency (%)	73	73	65	65	65	59	59	59	59	53	53	53	53	53	47	47	47	47	47	47
Gearbox length L1 (mm)	14.5		16.4			18.3				20.2				22.1						
Overall Length L0 (mm)	39.6		41.5			43.4				45.3				47.2						

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

