



## MC037E

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	3			4			5			6			7							
Reduction ratio	23	33	49	62	79	101	134	169	214	277	364	461	584	755	975	1258	1593	2059	2660	3023
Max rated torque (kgf.cm)	2	2	3	3	3	3	4	4	4	4	5	5	5	5	5	6	6	6	6	6
Max Instant torque (kgf.cm)	6	6	9	9	9	9	12	12	12	12	15	15	18	18	18	18	18	18	18	18
Gearbox efficiency (%)	73	73	65	65	65	65	59	59	59	59	53	53	53	53	53	48	48	48	48	48
Gearbox length L1 (mm)	22		24.5			27			29.5			32								
Overall Length L0 (mm)	79		81.5			84			86.5			89								

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

