

Gear Series GB380CP

Spur Reduction Gearhead - 0.5 Nm



Design

Gearhead GB38OCP is a multi step gearhead with all polyacetal gears which rotate on steel spindles, polished to a mirror-finish and introduced between metal plates with a plastic frame. All bearings are permanently lubricated and therefore require no maintenance. Thicker shafts (Ø6-7mm) mounted in robust bushings (Ø12) are available. Similarly the gears at the output end can be metal (GB38OCPH) with thick shafts (Ø6-7mm) & robust bushings. Sintered gears variant also possible (GB38OCSi).

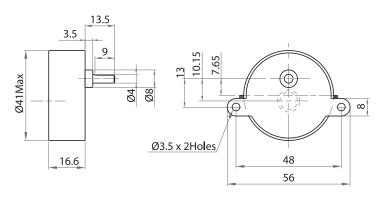
Standard Data

Gear Type		Spur
Gear Torque	Nm	0.5
Combination with Mechtex motors		Small DC Motors up to dia. 35mm (DC 28/30/32) & MTR3a/3b & MTS3a/3b
Mounting		any position
Weight	g	55
Axial thrust	N	20
Lateral force	N	60
Radial torque	Nm	0.6
Output bearing		Sintered bronze sleeve bushings, (Ball bearing on request)
Output shafts	Ø	Shafts same as GB5P gear series
Ambient temperature operation	°C	-15+ 55
Enclosure	IP	30

Transmission Ratios

For Transmission Ratios refer to page no. 6

Dimensional Drawing



13.5 3.5 9 9 16.6 M3 x 5mm depth Max. x 2nos 33 Ø41

With Mounting Plate

With Round Plate Threaded Nut

Photographs



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