

Gear Series GBL

Spur Reduction Gearhead - 0.5 Nm



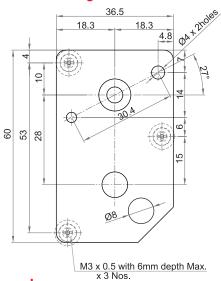
Design

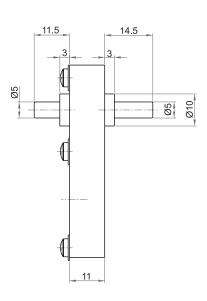
Gearhead GBL is designed to cater heavy loads in a small frame with the option to mount potentiometer in addition to the motor with diameters up to 36 mm. This gearhead has multi step thick metal gears at the output with possibility of using poly acetal gear in the first stage to damp the noise. The gears rotate on steel spindles that are polished to a mirror-finish & introduced between metal plates with a plastic frame All bearings are permanently lubricated & therefore require no maintenance. Motor is attached to gear box by means of screws.

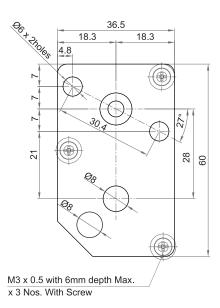
Technical Data

Gear Type		Spur
Gear Torque	Nm	0.5
Combination with Mechtex motors		MTR2b /MTS2b / MTR3a /MTS3a/ MTR3b / MTS3b / DC28 / D32 / DC30 & others on request
Mounting		any position
Weight	g	140
Axial thrust	N	20
Lateral force	N	50
Radial torque	Nm	0.6
Output bearing		Brass sleeve bushings, (Ball bearing on request)
Output shafts	Ø	dia. 5mm (Round) extended both sides; others on request
Ambient temperature operation	°C	-15+ 55
Enclosure	IP	30

Transmission Ratios 77.88, 150.15 (others on special request) **Dimensional Drawing**







Photographs











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