

# Gear Series **GBW**

## Spur Reduction Gearhead - 15 Nm



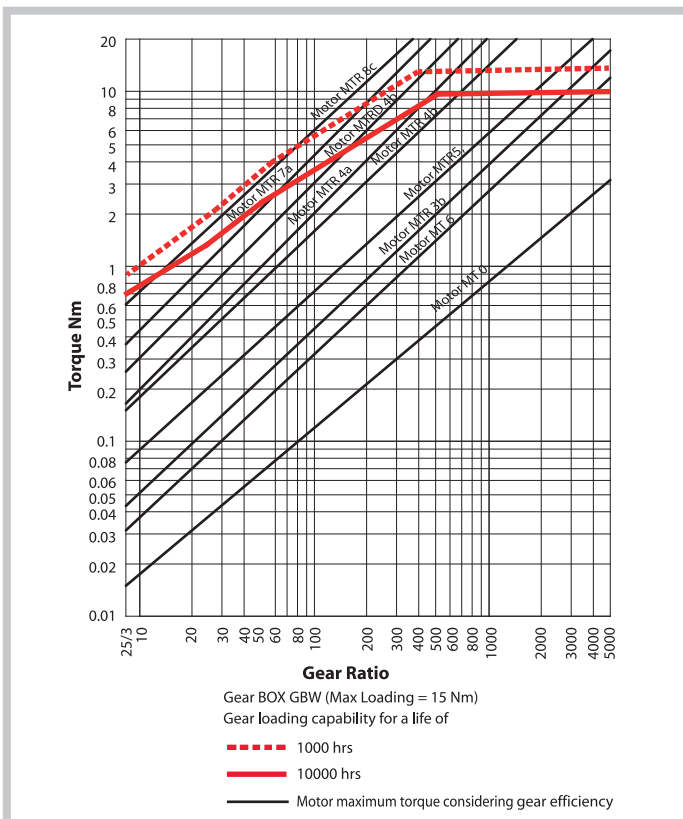
### Design

Gearhead GBW contains heavily loaded steel gear wheels. The spur gears are fixed on steel spindles which are hardened and polished to a mirror finish & rotate in sintered bushings. The thick output shaft rotates in robust sintered bushings. All the gears are housed in between metal plates & closed by plastic dust cover. All bearings are permanently lubricated and therefore require no maintenance. GBW can also be combined with small to medium sizes of DC motors (up to  $\varnothing 52\text{mm}$ ). Output shaft can also be emerging from the rear side or both sides.

### Standard Data

Gear Type		Spur
Gear Torque	Nm	15
Combination with Mechtex motors		MT0,MT6,MTR/S5,MTR/S-4a/b,MTR/SD-4a/b, MTR/S-7a,MTR/S-8c and DC motors / (upto 52 mm)
Mounting		any position
Weight	g	550
Axial thrust	N	400
Lateral force	N	600
Radial torque	Nm	6
Output bearing		Sintered Bronze sleeve bushings, (Ball bearing on request)
Output shafts	$\varnothing$	dia. 12 x 25.5 mm (with a flat), others on request
Ambient temperature operation	$^{\circ}\text{C}$	-15...+ 55
Enclosure	IP	30

### Torque/Transmission Ratio/Life Graph



### Transmission Ratios

For Transmission Ratios refer to page no. 6

### Dimensional Drawing

