

# Gear Series GBW

Spur Reduction Gearhead - 15 Nm



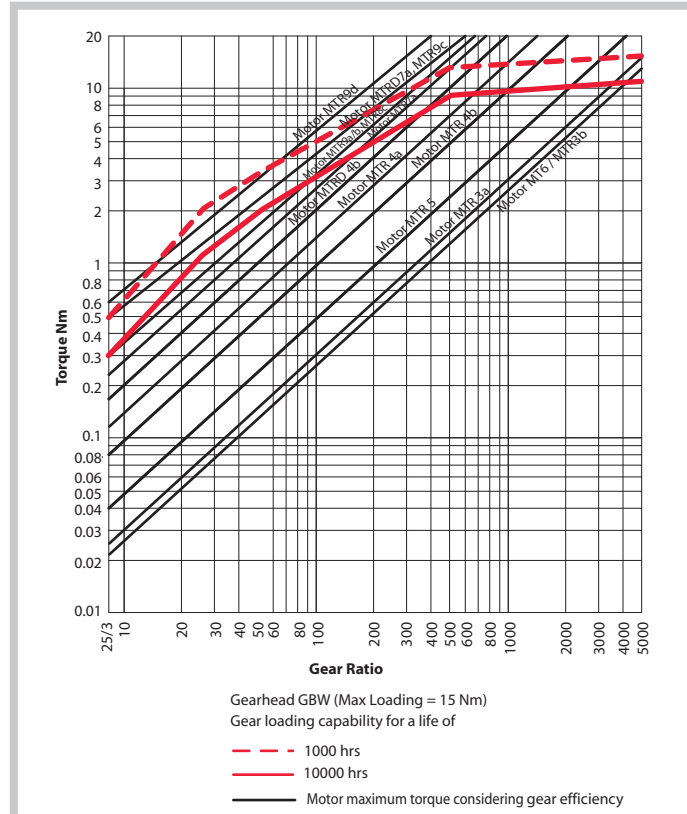
### Design

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 Ø52mm). Output shaft can also be emerging from the rear side or both sides.

### Standard Data

Gear Type		Spur Reduction
Gear Torque	Nm	15
Combination with Mechtex motors		MT0,MT6,MTR/S5,MTR/S-4a/b,MTR/SD-4a/b, MTR9a/b/d, MTR/S-7a and DC motors / (upto 52)
Mounting		any position
Weight	g	550
Axial thrust	N	400
Lateral force	N	600
Radial torque	Nm	6
Output bearing		Sintered Bronze
Output shafts	Ø	dia. 12 x 19 mm (with a flat), others on request
Ambient temperature operation	°C	-15...+ 55
Enclosure	IP	30

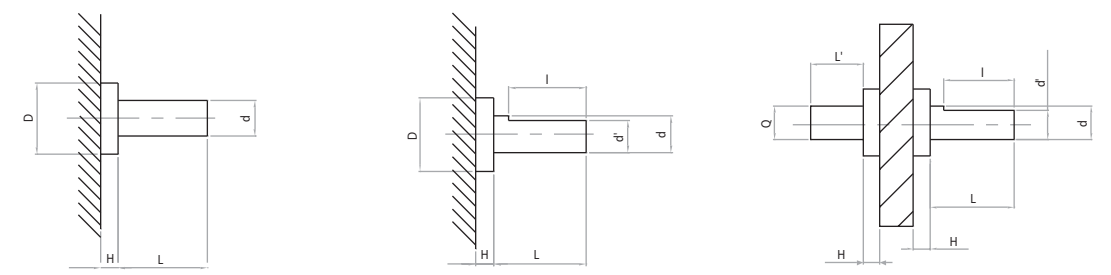
### Torque/Transmission Ratio/Life Graph



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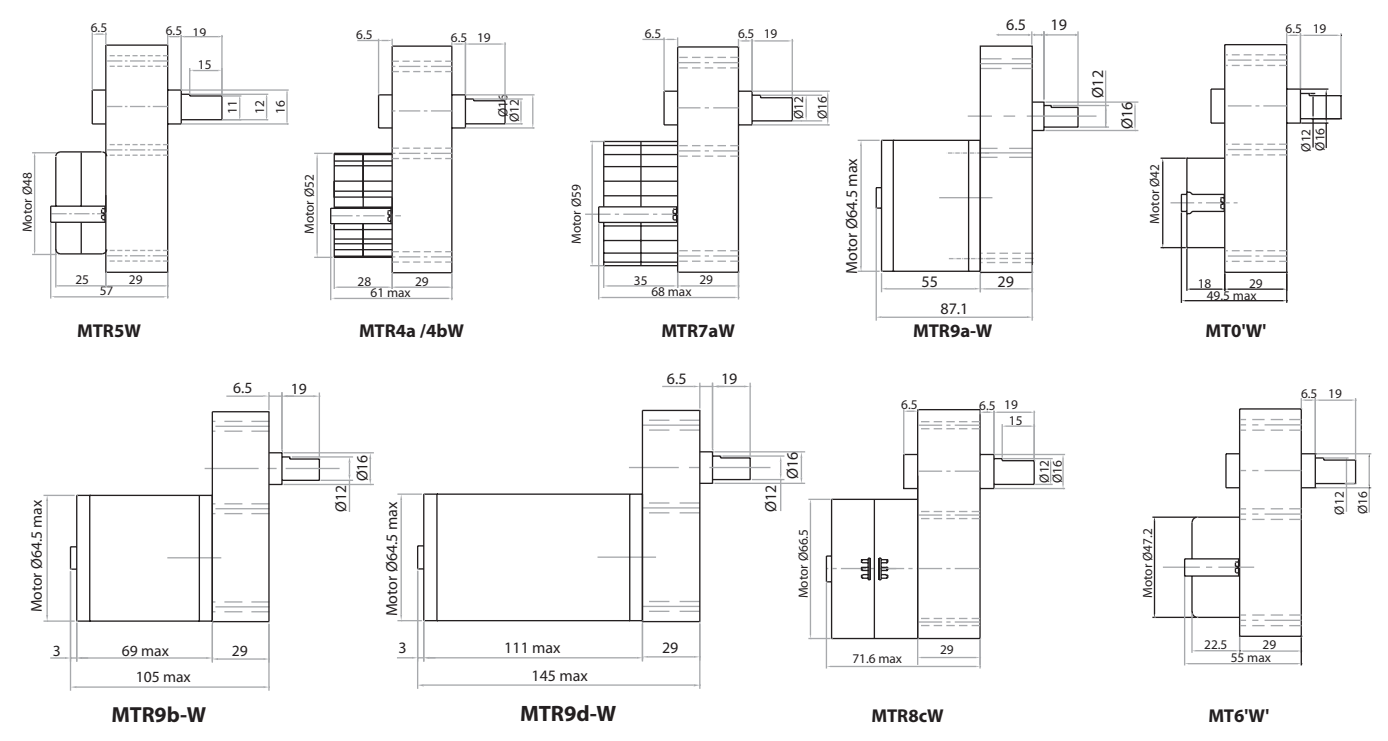
### Shaft Drawings



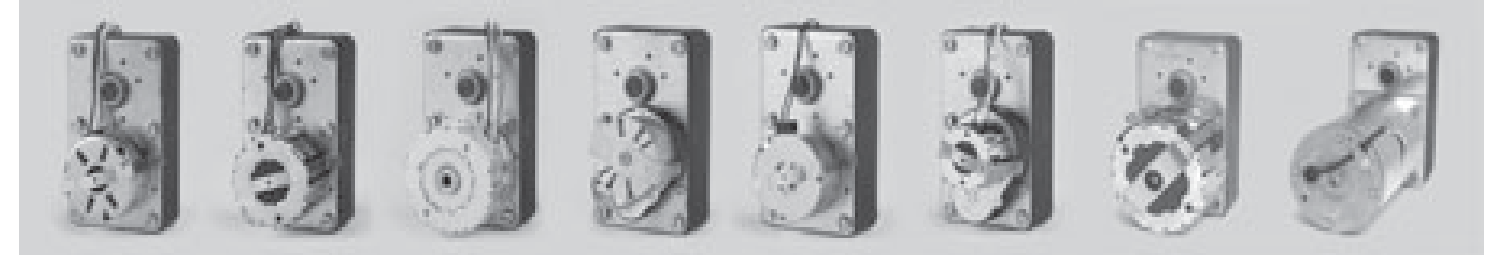
### Shaft Type Catalogue

Shaft type	D	H	d (dia)	L	l	d'	L'	Q
S	16	6.5	12	19	15	11		
A	16	6.5	12	29	25	11		
B	16	6.5	12	19	15	11	17	12
C	16	6.5	12	19				
D	16	6.5	12	29				

### Drawings



### Photographs



### Transmission ratios

For Transmission Ratios refer to page nos. 6 & 7.

### Dimensional Drawing

