



## Gear Series GB3/8

Spur Reduction Gearhead - 5 Nm

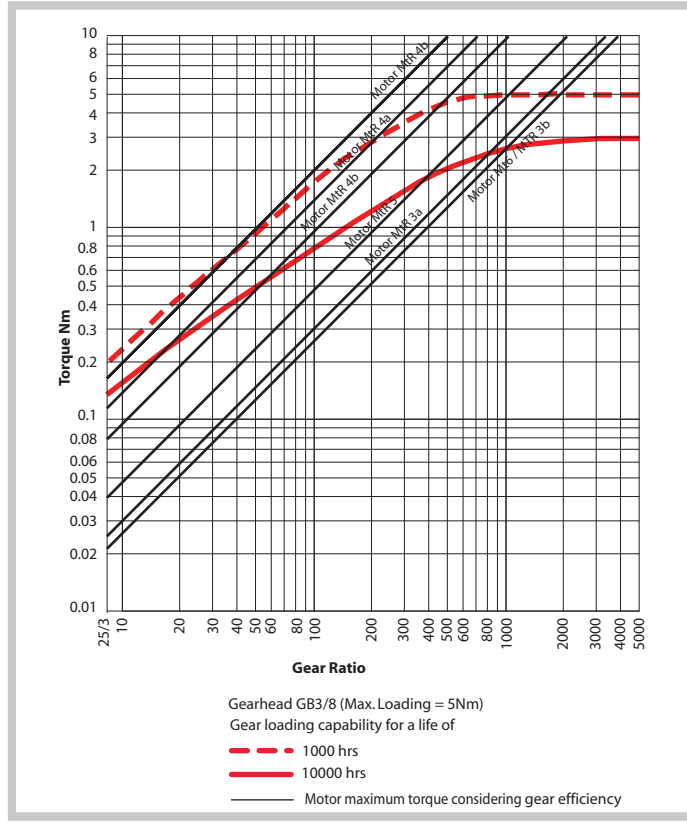
### Design

Gearhead GB3/8 contains heavily loaded steel gear wheels. The spur gears rotate on fixed steel spindles which are hardened and polished to a mirror finish. The thick output shaft rotates in robust sintered bushings. All the gears are housed between two metal plates with a plastic frame. All bearings are permanently lubricated and therefore require no maintenance. Economical versions with poly-acetal or sintered gears available. This gear box can also be combined with small to medium sizes of DC motors.

### Technical Data

Gear Type		Spur Reduction
Gear Torque	Nm	5
Combination with Mechtex motors		Motor MT0, MT6, MTR/S3a/3b, MTR/S-5, MTR/S4a/4b and small DC motors
Mounting		any position
Weight	g	200
Axial thrust	N	100
Lateral force	N	400
Radial torque	Nm	4
Slipping clutches/free wheel		available for certain ratios
Output bearing		Sintered bronze
Output shafts	Ø	dia. 8 x 17 mm (with a flat), others on request
Ambient temperature operation	°C	-15...+ 55
Enclosure	IP	30

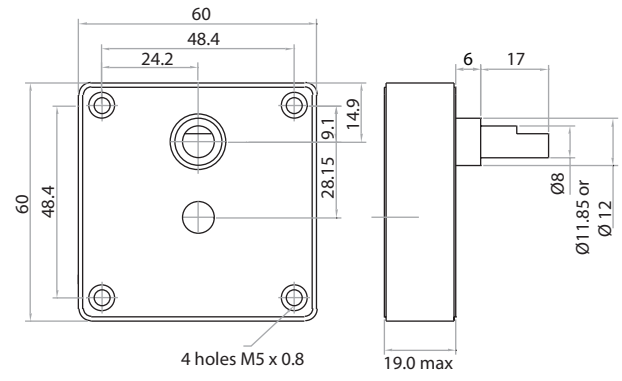
### Torque/Transmission Ratio/Life Graph



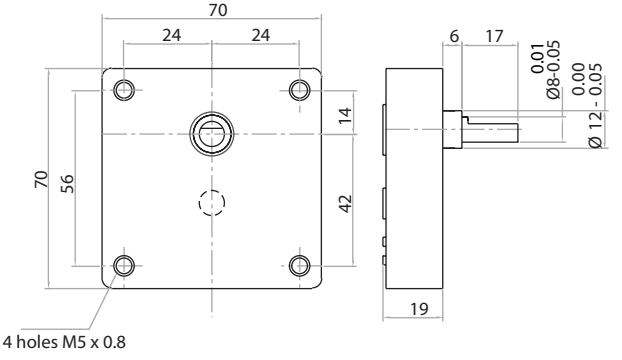
### Transmission Ratios

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

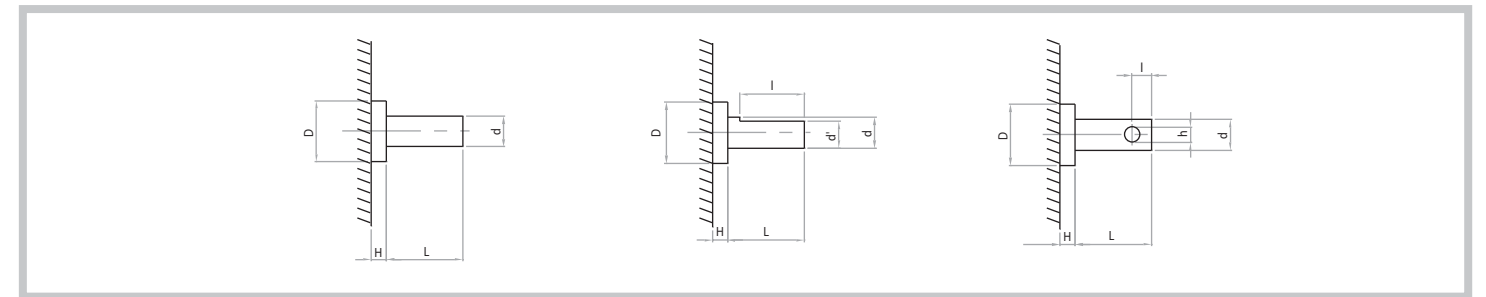
#### Dimensional Drawing GB3



#### Dimensional Drawing GB8



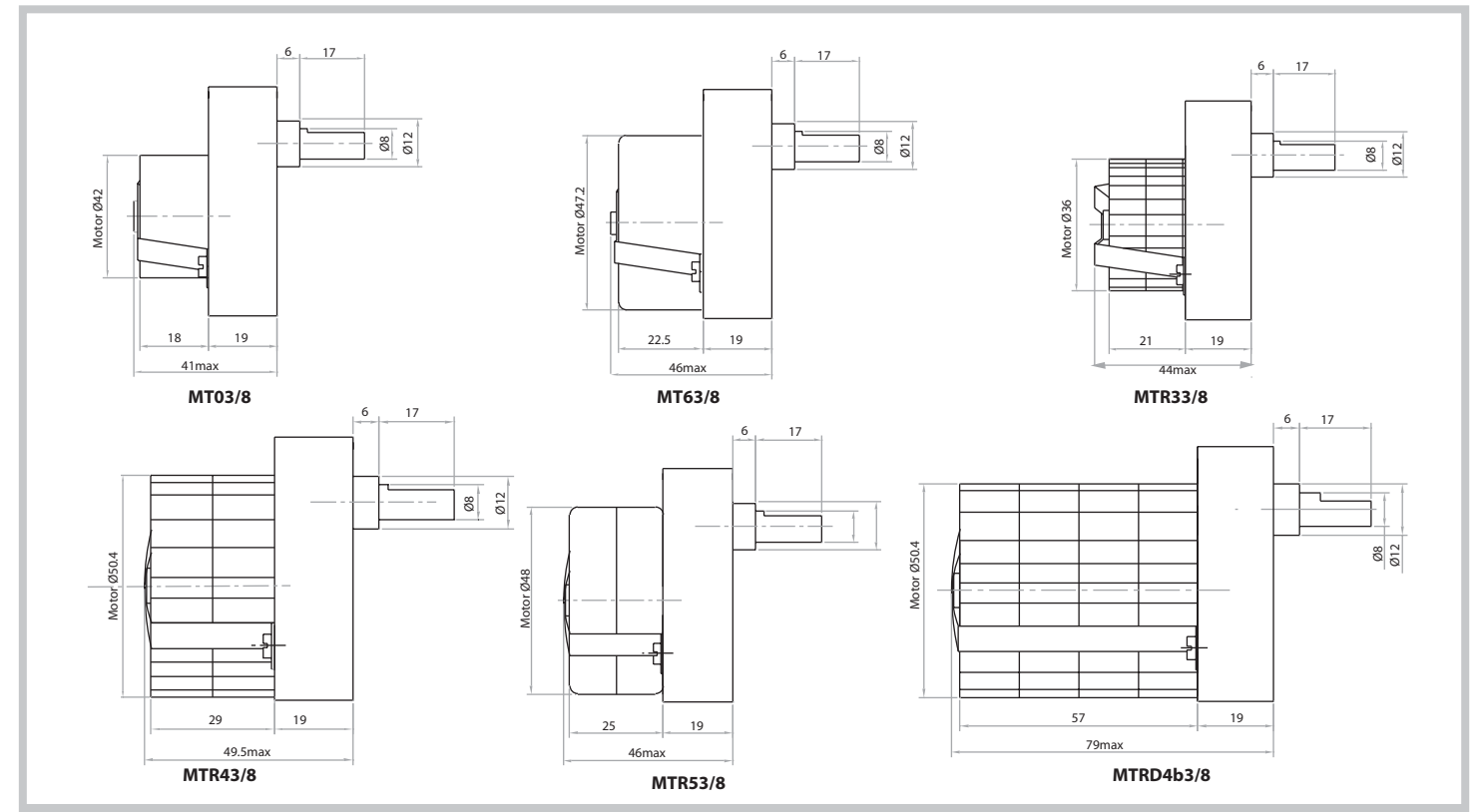
### Shaft Drawings



### Shaft Type Catalogue

Shaft type	D	H	d (dia)	L	l	d'	h
S	12	6	8	17	8	6	
A	12	6	8	27	18	6	
C	12	6	8	17	9		3

### Drawings



### Photographs

