



Gear Series **GBU**

Spur Reduction Gearhead - 60 Kg-cm



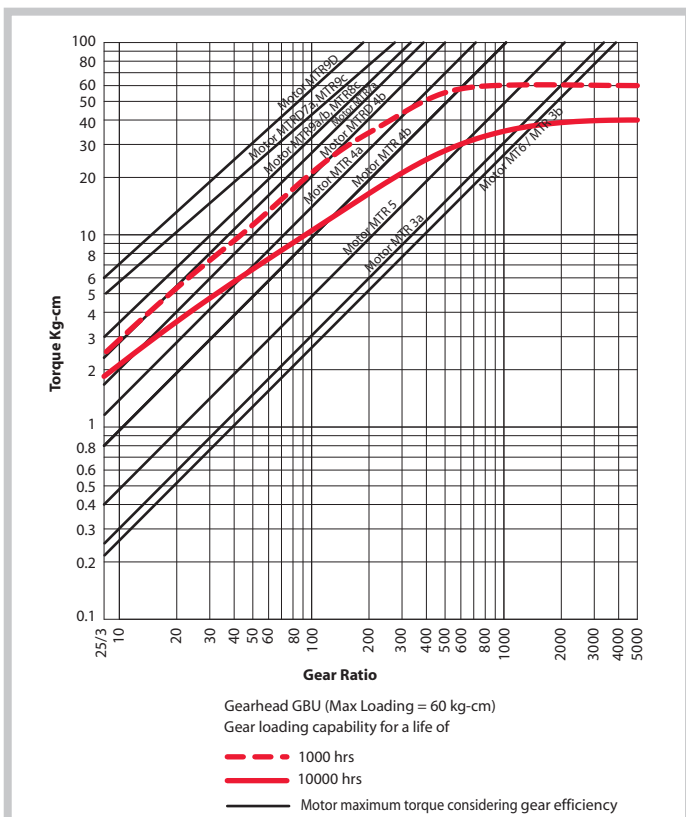
Design

Gearhead GBU 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 robust sintered bushings. The thick output shaft rotates in robust brass 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. GBV can also be combined with small to medium sizes of DC motors (up to Ø52mm).

Standard Data

Gear torque	kg-cm	60
Combination with Mechtex Motors		MT0, MT6, MTR/S5, MTR/S-4a/b, MTR/SD-4, MTR/SD4-RE & DC motors (up to Ø52mm) MTR/SD 7a, MTR/S 8c, MTR/S D8c MTR9a,b,c,d
Mounting		any position
Weight	g	350
Axial thrust	kg	3
Radial torque	kg	40
Lateral force	kg-cm	10
Output Bearing		Brass
Output shafts	Ø	dia. 8 x 22 mm (with a flat); others on request
Ambient temperature operation	°C	-15 ... +55

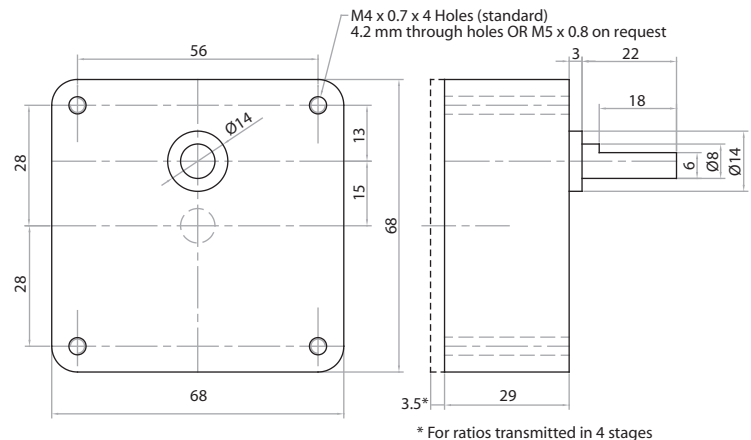
Torque/Transmission ratio/life Graph



Transmission ratios

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

Dimensional Drawing

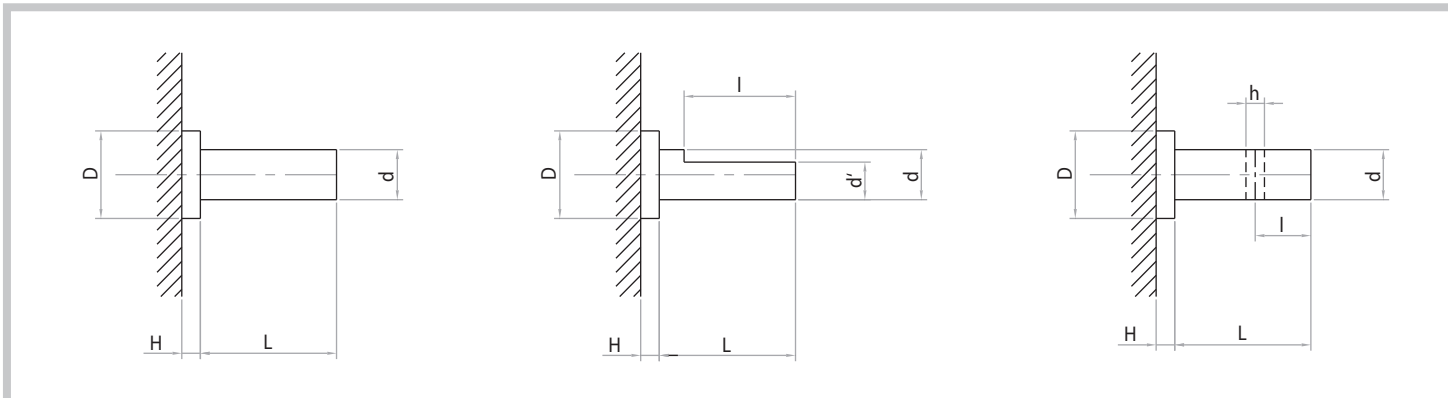




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Shaft Drawings

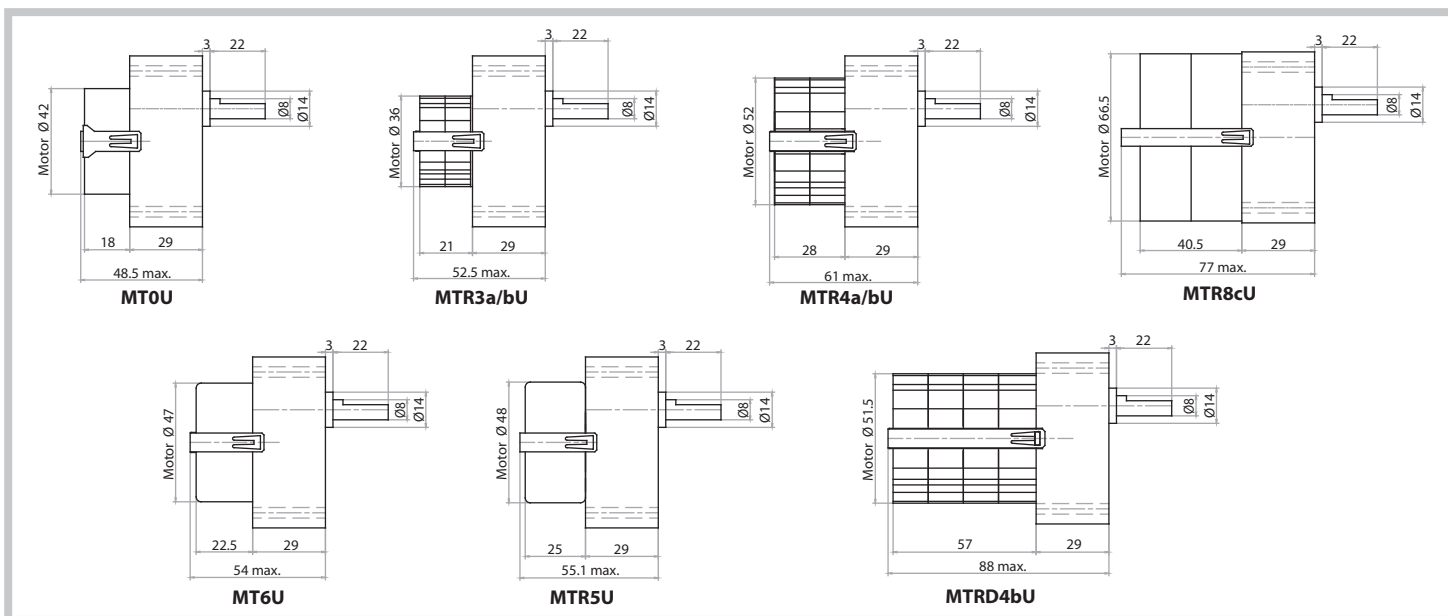


Shaft Type Catalogue

Shaft type	D	H	Shaft Diam.	L	l	d'	h
S	14	3	8	22	18	6	
A	14	3	8	22	13		3
B	14	3	8	22			

Others on request

Drawings



Photographs

