



Gear Series **GBU/V**

Spur Reduction Gearhead - 6 Nm

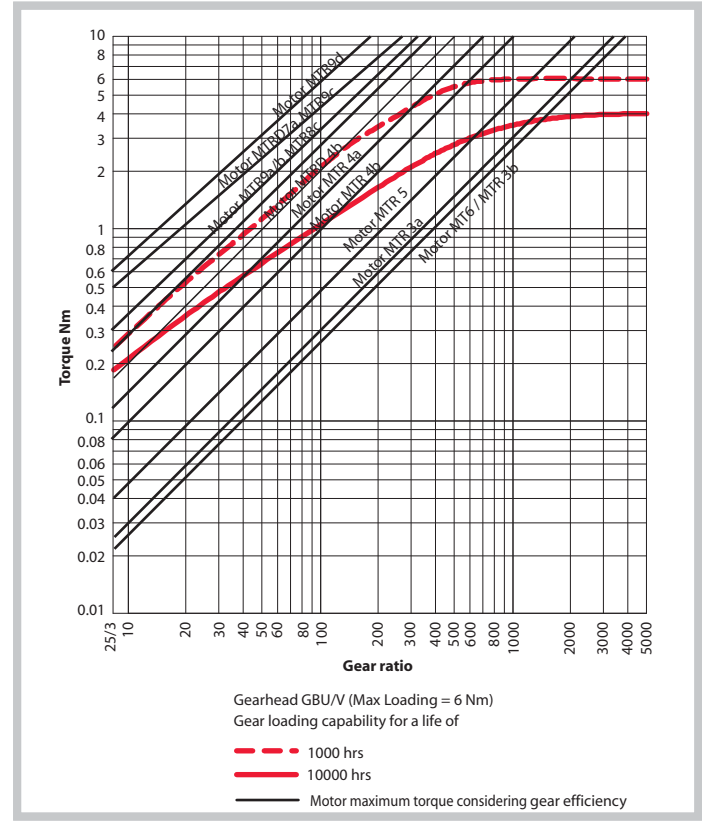
Design

Gearhead GBV/U 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/U can also be combined with small to medium sizes of DC motors (up to Ø52mm).

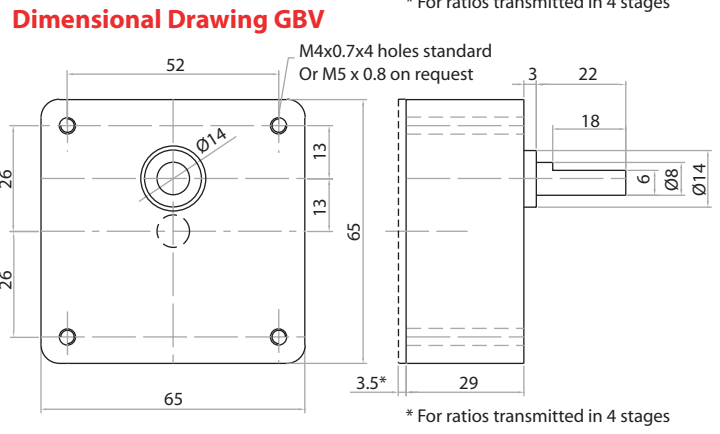
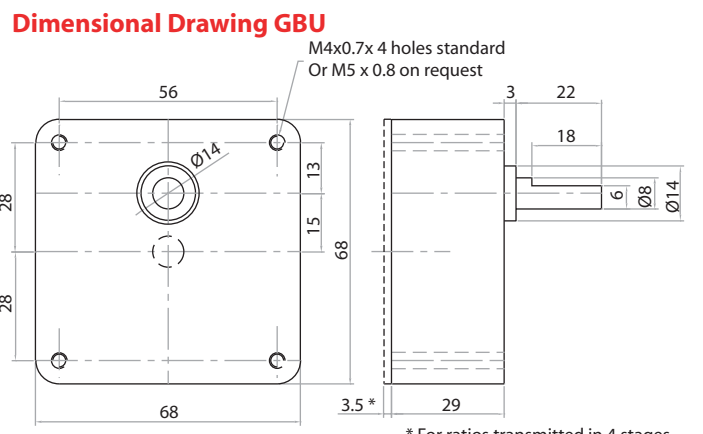
Standard Data

Gear Type		Spur Reduction
Gear Torque	Nm	6
Combination with Mechtex motors		MT0,MT6,MTR/S5,MTR/S-4a/b,MTR/SD-4,MTR/SD4-RE & DC motors (up to Ø52mm) MTR/S 7a, MTR/S 8c, MTR9a,b,d
Mounting		any position
Weight	g	350
Axial thrust	N	30
Lateral force	N	100
Radial torque	Nm	4
Output bearing		Brass sleeve bushings, Ball Bearing (on special request)
Output shafts	Ø	dia. 8 x 22 mm (with a flat), others on request
Ambient temperature operation	°C	-15...+ 55
Enclosure	IP	30

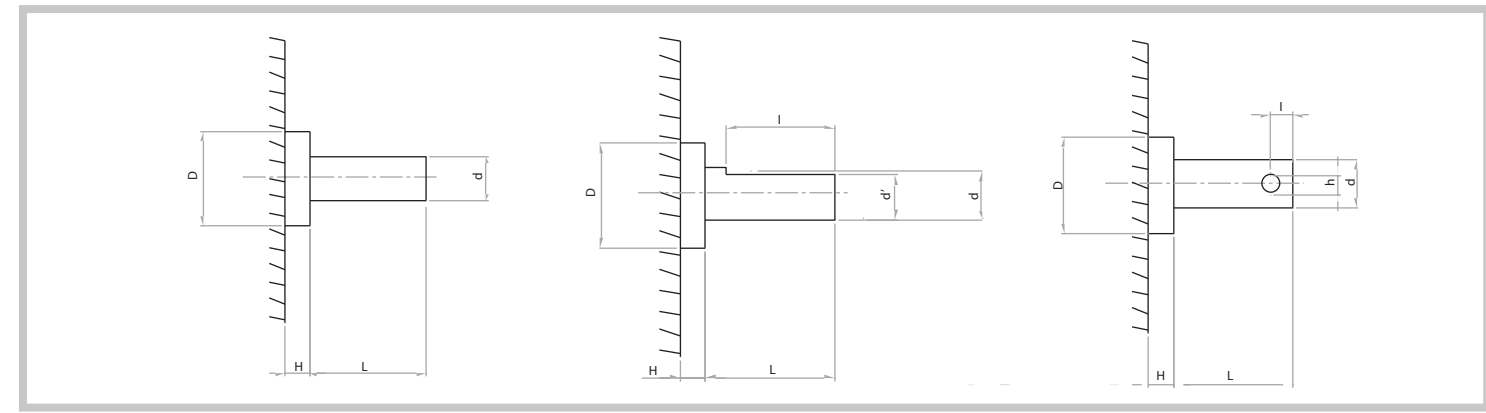
Torque/Transmission Ratio/Life Graph



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



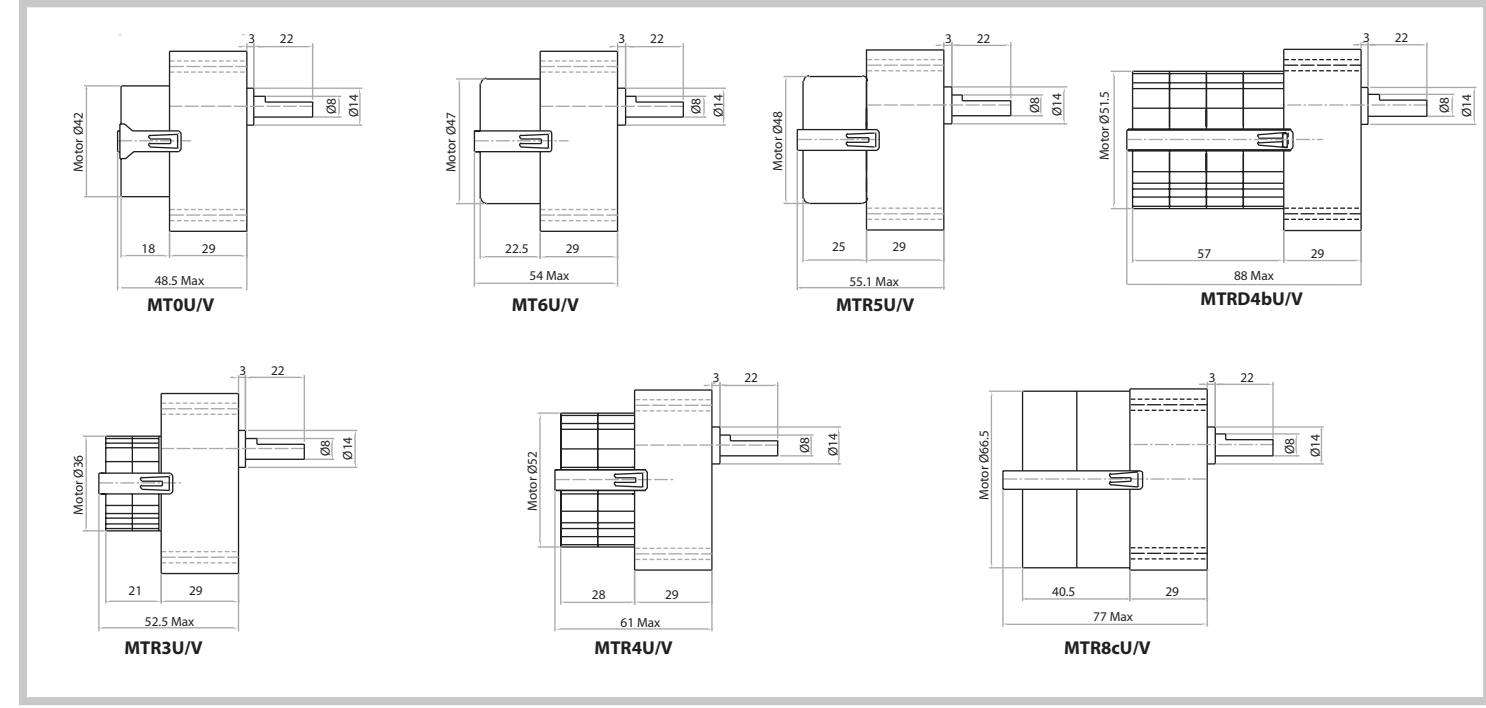
Shaft Drawings



Shaft Type Catalogue

Shaft type	D	H	d (dia)	L	l	d'	h
S	14	3	8	22	18	6	
A	14	3	8	22	13		3
B	14	3	8	22			

Drawings



Photographs

