



Gear Series GB3

Spur Reduction Gearhead - 50 Kg-cm



Design

Gearhead GB3 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.

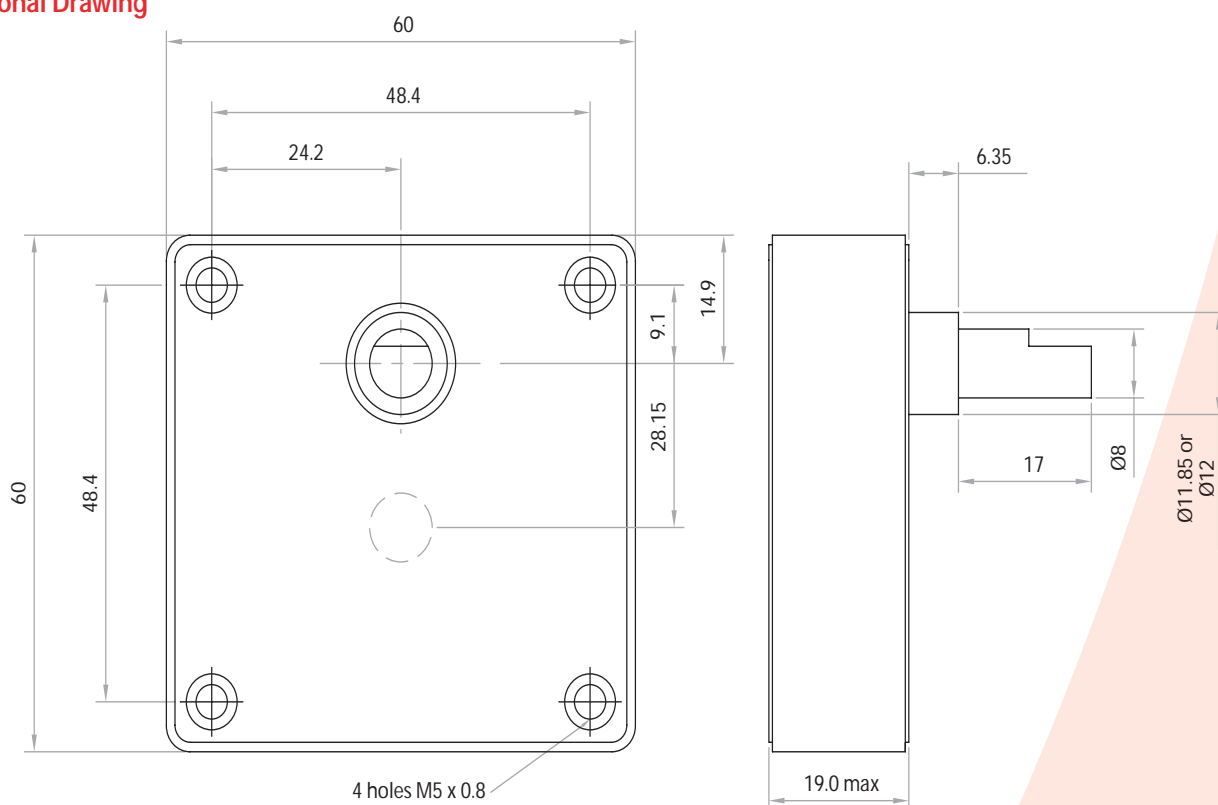
Standard Data

Gear Torque	kg-cm	50
Combination with Mechtex motors		MT0, MT6, MTR/S3a/3b, MTR/S-5, MTR/S4a/4b and small DC motors
Mounting		any position
Weight	gm	200
Axial thrust	kg	10
Radial torque	kg	40
Lateral torque	kg-cm	40
Output bearing		Sintered Bronze
Output shafts		dia. 8 x 17 mm (with a flat); others on request
Ambient temperature operation	°C	-15 ... +55

Transmission ratios

6	10	50/3	20	125/6	25	100/3	50	60	62.5	200/3	250/3	100
125	150	500/3	200	250	300	1000/3	other ratios available on request					

Dimensional Drawing

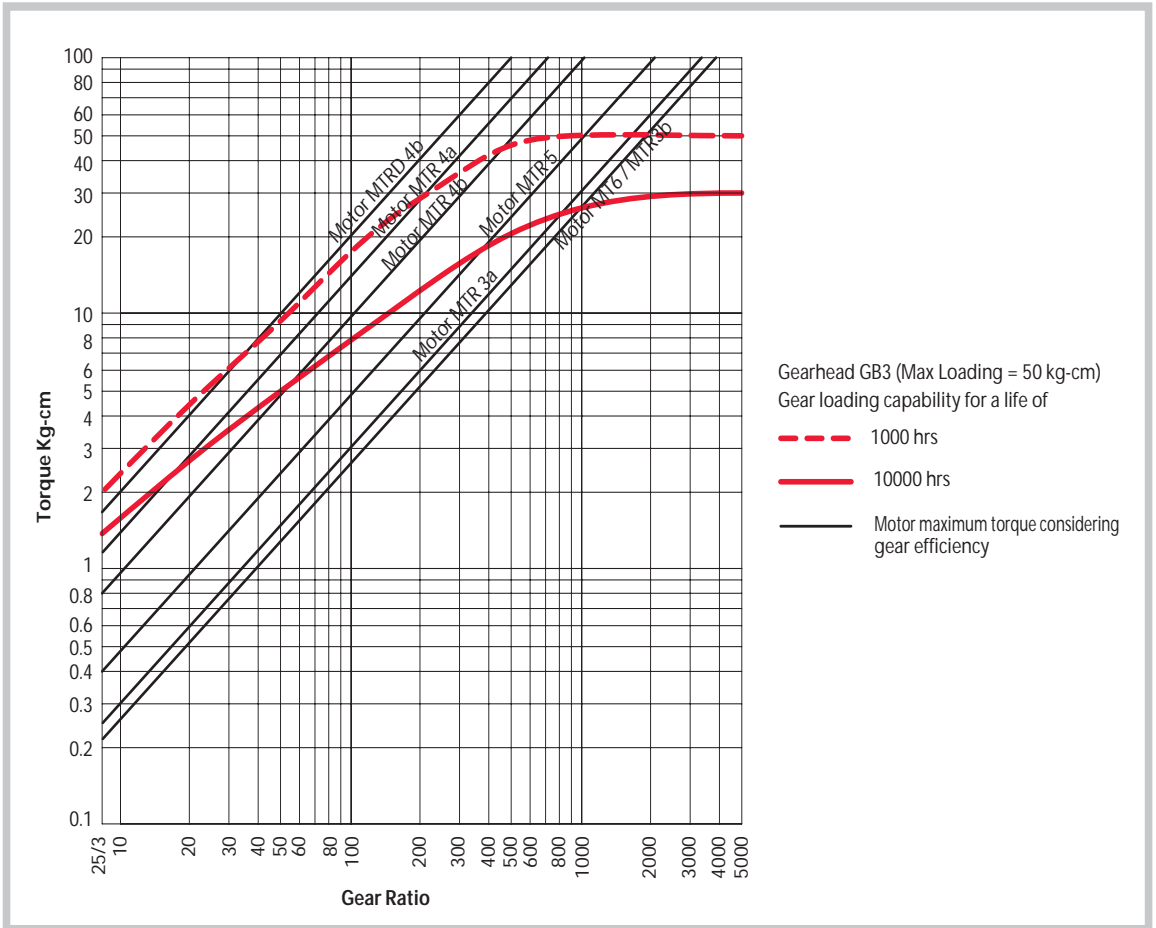




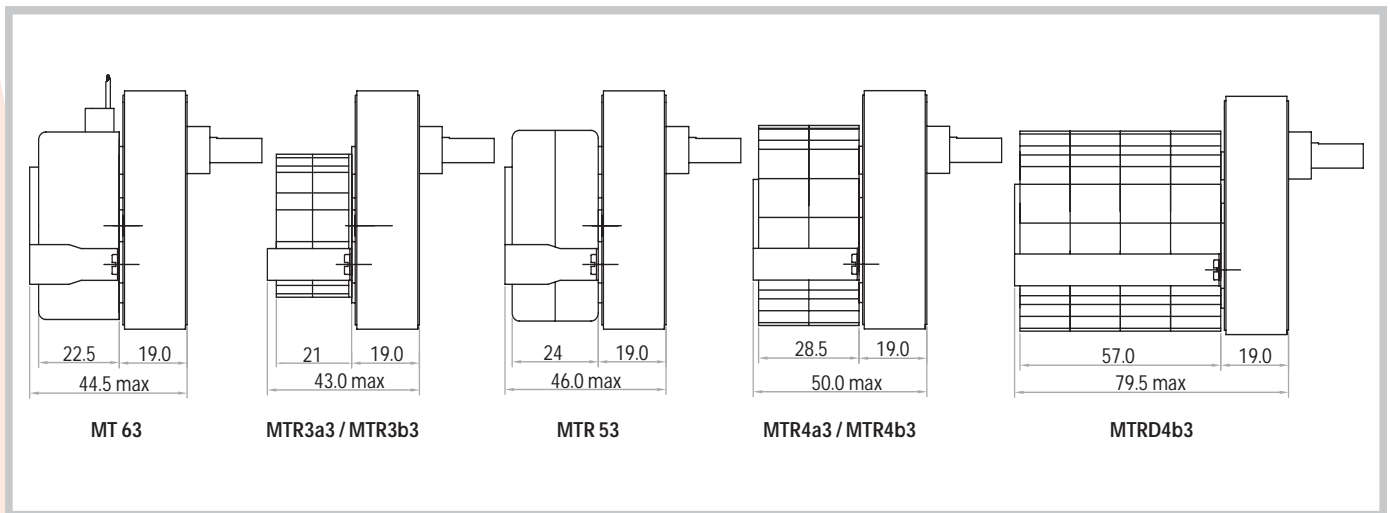
Gear Series GB3

Spur Reduction Gearhead - 50 Kg-cm

Torque/Transmission ratio/life Graph



Drawings



Photographs

