

Gear Series **GB62P**

Planetary Reduction Gearhead - 12...35..50.. 65 Nm



Design

Gearhead GB62P, a moderately priced gearhead, is specially designed to cater heavy duty application in a cylindrical frame with centre shaft. This is a planetary gear box with all metal gears . The output bearing is robust and is made of ball bearing. The entire gearhead is permanently lubricated and therefore requires no maintenance. Brushed and Brushless DC Motors upto 60mm diameter are generally mounted on this gearhead to provide a compact and yet powerful drive.

Technical data

Gear type		Spur Gears
Gear Torque	Nm	12...35...50...65Nm
Combination with Mechtex motors (add assembly drawing along with proper mounting)		DC52, BO62, BO92
Mounting		4 ~ M5X12X7mm deep, PCDØ52
Axial thrust	N	520
Lateral force	N	150
Output Bearings		Ball bearing
Output shafts	Ø	14
Ambient temperature operation	°C	-15...+55
Enclosure	IP	40

Gearhead Data

Reduction		3.71	5.18	13.73	19.2	26.85	50.89	71.16	99.51	139.14	188.61	263.73	369.76	515.63	720.990	938.85
Gear Box Efficiency	%	85	85	75	75	75	70	70	70	70	65	65	65	65	65	65
Number of stages		1	1	2	2	2	3	3	3	3	4	4	4	4	4	4
Torque	Nm	12	12	35	35	35	50	50	50	50	65	65	65	65	65	65

Dimensional Drawing

