



M 2.5:1

PG12

Gearhead Data

1 Housing material		Steel				
2 Geartrain material		Steel				
3 Bearing type on output shaft		Ball bearing				
4 Max. radial load (10mm from flange)	N	5				
5 Max. axial load	N	5				
6 Radial play of shaft	mm	0.04				
7 Thrust play of shaft	mm	0.4				
8 Backlash at no load	°	2				
9 Max. continuous speed	rpm	42000				
10 Operating temperature range	°C	-30..+100				
11 Number of stages		1	2	3	4	5
12 Max continuous torque	Nm	0.18	0.24	0.3	0.36	0.36
13 Max. intermittent torque	Nm	0.54	0.72	0.9	1.08	1.08
14 Max. efficiency	%	93	86	80	75	70
15 Gearhead length L1	mm	16.1	19.6	23.1	26.6	30.1
16 Ratio	X:1	3.6, 4.9	13, 17.6 24	46.7, 63.5 86.4, 117.6	168, 228.6 311.2, 423.5 576.5	604, 7, 823, 1120.2, 1524.7, 2075.3, 2824.8

Configuration

Pinion: Metal/Plastic
 Ball bearing: Preload
 Flange: Standard frange front&back/customize the frange
 Shaft: Length/Diameter/Cut face/double shaft/hollow shaft

More:
 Special design for high speed/high torque
 Details please contact our sales engineer