



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	0.1				
7 Thrust play of shaft	mm	0.2				
8 Backlash at no load	°	3				
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	0.1	0.2	0.2	0.2	0.2
13 Max. intermittent torque	Nm	0.15	0.25	0.25	0.25	0.25
14 Max. efficiency	%	90	81	73	65	59
15 Gearhead length L1	mm	15.1	17.9	20.7	23.5	26.3
16 Ratio	X:1	3.47, 3.94	12.07, 13.68 15.5, 18.17	41.92, 47.51 55.69, 53.86 63.13 61.05 71.56, 83.88	145.6, 165.04 187.08, 219.29 248.56, 281.75 291.36 330.26	505.8,

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