



M 1.2:1

PG22

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	15.6				
5 Max. axial load	N	4.9				
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	0.72	0.96	1.2	1.45	1.45
13 Max. intermittent torque	Nm	1.44	1.92	2.4	2.9	2.9
14 Max. efficiency	%	90	83	77	72	72
15 Gearhead length L1	mm	22.6	27.6	32.7	37.7	42.8
16 Ratio	X:1	3.7, 4.4, 5.4, 6.5	14.5, 16.4, 19.2, 23.7, 28.5, 35.1, 42.3,	48.2, 54.5, 61.7, 67.1, 75.9, 80.8, 88.8, 94.5, 103.8, 109.3, 125, 131, 154, 185.3	204, 228, 251.8, 274.6, 294.4, 313.3, 333, 354.4, 389.3, 400.8, 455.2, 493.6, 547.9, 560.6, 674.8, 690.4	738, 850.3, 944.2, 1023.5, 1136.6, 1232, 1328.9, 1447.2, 1502.9, 1636.7, 1757, 1851, 1996, 2164, 2402, 2530, 3027, 3644,

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