



⊕ M 1:1.2

PG42

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	196			
5 Max. axial load	N	98			
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	30000			
10 Operating temperature range	°C	-30..+100			
11 Number of stages		1	2	3	4
12 Max continuous torque	Nm	6.5	8.6	10.8	13
13 Max. intermittent torque	Nm	13	17.2	21.6	26
14 Max. efficiency	%	90	83	77	72
15 Gearhead length L1	mm	43.8	54.6	65.4	76
16 Ratio	X:1	4.3, 5.1, 6.3, 7.6	14.7, 16.3, 18.6, 19.2, 21.9, 23.9, 25.8, 27.2, 28.9, 32, 38.7, 39.7, 48, 58.1	65.6, 74.6, 81.4, 90.5, 98.5, 109, 112.1, 124.6, 123, 141.8, 150.4, 162.4, 171.2, 182, 196.5, 220.3, 243.9, 250.7	277.4, 302.6, 335.8, 351, 382.2, 413.2, 459.3, 500.1, 537.4, 583.5, 620.6, 686.9, 744.7, 824.4, 869, 924.2, 1006, 1388, 1680, 3380

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