



M 1.2:1

PG28

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	58.8			
5 Max. axial load	N	29.4			
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	36000			
10 Operating temperature range	°C	-30..+100			
11 Number of stages		1	2	3	4
12 Max continuous torque	Nm	1.55	2.1	2.6	3.1
13 Max. intermittent torque	Nm	3.1	4.2	5.2	6.2
14 Max. efficiency	%	90	83	77	72
15 Gearhead length L1	mm	28.4	34.7	41	47.3
16 Ratio	X:1	4.4, 5.2, 6.7, 8.3	15.1, 16.9, 18, 20.1, 23.1, 25.6 27.6, 29.3, 31.8, 35, 43.5, 55.2,	61.7, 68.7, 77.1, 87.6, 100.6, 109, 120, 125, 129, 134.1 139.8, 144.7 149.1, 154 166.8, 183.8 211.7, 243 264.5, 290	335.9, 385.5, 411.4, 494.8, 528, 630, 677.6, 705.8 759.7, 860.4 964.7, 1069 1158, 1276, 1523, 1755, 2014, 3051 3792, 4713

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