



M 1:1.5

GS30

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			100	
5	Max. axial load	N			600	
6	Radial play of shaft	mm			0.04	
7	Axial play	mm			preloaded	
8	Max. continuous speed	rpm			8000	
9	Operating temperature range	°C			-20..+100	
10	Number of stages		1	2	3	4
11	Max. continuous feed force	N	500	1000	1500	2000
12	Max. intermittent feed force	N	1000	2000	2500	2700
13	Max. efficiency	%	80	72	63	55
14	Bcaklash at no load	°	0.8	1	1	1.5
15	Mechanical positioning accuracy	mm	0.045	0.045	0.055	0.055
16	Gearhead length L1	mm	45.5	55	61.7	68.4
17	Ratio	X:1	3.11, 3.71	10, 12	45, 50	30, 36
			4.8	14, 15	55, 62	43, 46
				18, 21	67, 74	51, 55
				23, 28	83, 92	66, 72
					100, 103	79, 86
					111, 124	103, 111
					138, 150	123, 132
					172, 186	159, 173
					231	190, 206
						223, 246
						266, 295
						318, 381
						412, 456
						492, 531
						589, 636
						706, 762

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