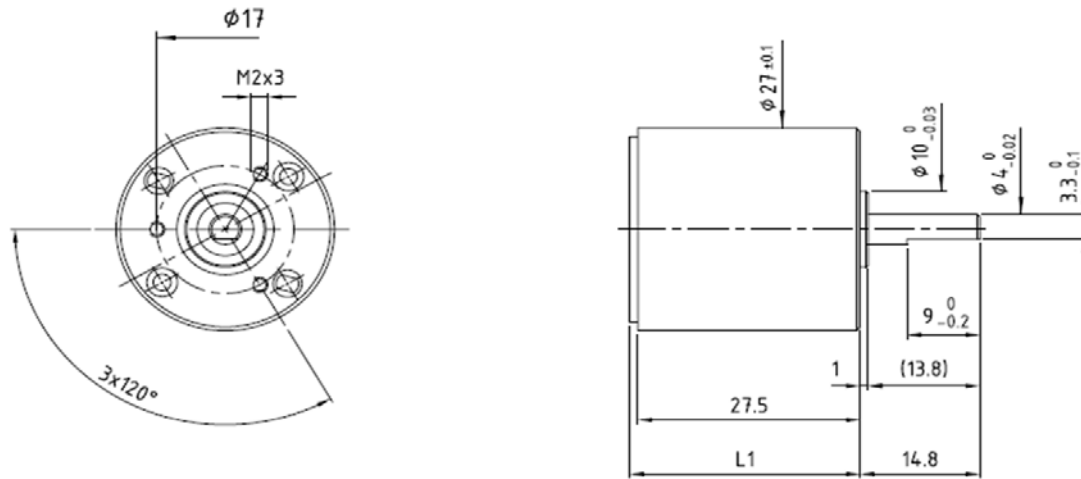




Ratio	****	6.2	18.6	27.9	55.7	99.1	198	501	979	2970
1 Number of gear stages		4	4	4	4	6	6	6	6	9
2 Direction of rotation		=	=	=	=	=	=	=	=	≠
3 Efficiency		0.65	0.65	0.65	0.65	0.55	0.55	0.55	0.55	0.4
4 L1 (mm)		28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
5 Weight g (oz)		40 (1.410)	40 (1.410)	40 (1.410)	40 (1.410)	42 (1.481)	42 (1.481)	42 (1.481)	42 (1.481)	48 (1.693)
6 Available with Motor - L2 = Length with motor (mm)										
22N28.....286		60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
22N 48.....308		62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
22V28.....202		62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
22V 48.....225		64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
22N78.....1001		60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
22N98.....1008 / 1005		62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
23GST82.....2		63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
23V58.....4		77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
23V48.....11		76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
26N58.....5		71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
26N48.....9		70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
P310.....9		45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9

Characteristics		K27 • 0 •	K27 2R • 0 •
7 Shaft Bearings		Sleeve	Ball Bearing
8 Maximum Static Torque	Nm (oz-in)	0.7 (100)	0.7 (100)
9 Maximum Radial Force			
@ 8mm from mounting face	N (lb)	20 (4.5)	25 (5.5)
10 Maximum Axial force	N (lb)	8 (1.8)	40 (9)
11 Maximum press fit force	N (lb)	300 (67.5)	60 (13.5)
12 Average Backlash @ no-load		2°	2°
13 Average Backlash @ 3 Nm		3°	3°
Shaft play:			
14 -radial	µm	≤ 60	≤ 20
15 -axial	µm	50-150	≤ 100
16 Maximum Recommended Input speed	rpm	4000	4,000
17 Operating Temperature Range:	°C (°F)	-30 to +65 (-22 to +150)	

Motor + gearbox = L2

