



Ratio	****	5.5	22	30.2	88	121	166	352	484	665.5	915
1	Number of gear stages	1	2	2	3	3	3	4	4	4	4
2	Direction of rotation	=	=	=	=	=	=	=	=	=	=
3	Efficiency	0.85	0.75	0.75	0.65	0.65	0.65	0.55	0.55	0.55	0.55
4	L1 (mm)	16	20.1	20.1	24.2	24.2	24.2	28.3	28.3	28.3	28.3
5	Weight g (oz)	10 (0.352)	13 (0.458)	13 (0.458)	16 (0.564)	16 (0.564)	16 (0.564)	19 (0.670)	19 (0.670)	19 (0.670)	19 (0.670)
6	Available with Motor - L2 = Length with motor (mm)										
	<b>16C18.....30</b>	31.7	35.8	35.8	39.9	39.9	39.9	44	44	44	44
	<b>16N28.....201</b>	44	48.1	48.1	52.2	52.2	52.2	56.3	56.3	56.3	56.3
	<b>16G88.....1</b>	44	48.1	48.1	52.2	52.2	52.2	56.3	56.3	56.3	56.3
	<b>17S78.....1</b>	34.7	38.8	38.8	42.9	42.9	42.9	47	47	47	47
	<b>17N78.....1</b>	41.9	46	46	50.1	50.1	50.1	54.2	54.2	54.2	54.2
	<b>P110.....12</b>	35	39.1	39.1	43.2	43.2	43.2	47.3	47.3	47.3	47.3

Characteristics		R16 • 0 • ....	R16 2R • 0 • ....
7	Shaft Bearings	Sleeve	Ball Bearing
8	Maximum Static Torque	Nm (oz-in)	1 (141)
9	Maximum Radial Force @ 8mm from mounting face	N (lb)	5 (1.12)
10	Maximum Axial force	N (lb)	8 (1.8)
11	Maximum press fit force	N (lb)	100 (23)
12	Average Backlash @ no-load		1.25°
13	Average Backlash @ 3 Nm		2°
	Shaft play:		
14	-radial	µm	≤ 20
15	-axial	µm	50-150
16	Maximum Recommended Input speed	rpm	7500
17	Operating Temperature Range:	°C (°F)	-30 to +85 (-22 to +185)

Motor + gearbox = L2

