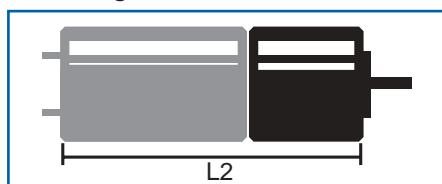


Ratio	...	12	48	180	810
1 No. of gear stages		3	5	6	7
2 Dir. of rotation		≠	≠	=	≠
3 Efficiency		0.7	0.6	0.55	0.5
4 L1 (mm)		17.3	17.3	17.3	17.3
5 Mass (g)		88	92	95	98
6 Available with motor		L2- length with motor (mm)			
22V28 • 201		55.2	55.2	55.2	55.2
22V48 • 204		57	57	57	57
23LT2R12 • 120		59.1	59.1	59.1	59.1
28L28 • 49		64.3	64.3	64.3	64.3
P520 • 60		47.1	47.1	47.1	47.1
PP520 • 01		47.1	47.1	47.1	47.1
P532 • 10		56.6	56.6	56.6	56.6

Motor + gearbox = L2



### Characteristics

		RG1/9 • 1
7 Bearing type		sleeve bearings
8 Max. static torque	Nm (oz-in)	2 (280)
9 Max. radial force at 8 mm from mounting face	N (lb)	60 (13.5)
10 Max. axial force	N (lb)	50 (11.25)
11 Force for press-fit	N (lb)	250 (56.25)
12 Average backlash at no-load		2.5°
13 Average backlash at 1 Nm		3°
14 Radial play	µm	≤ 60
15 Axial play	µm	50 -300
16 Max. recom. input speed	rpm	5000
17 Operating temperature range	°C (°F)	-30...+65 (-22...+150)

