



Ratio	****	3.56	5.6	15.2	24	54.2	85.3	134	193	303	478	753
1	Number of gear stages	1	1	2	2	3	3	3	4	4	4	4
2	Direction of rotation	=	=	=	=	=	=	=	=	=	=	=
3	Efficiency	0.85	0.85	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5
4	L1 (mm)	38.3	38.3	46.8	46.8	55.3	55.3	55.3	63.8	63.8	63.8	63.8
5	Weight g (oz)	245 (8.642)	245 (8.642)	285 (10.052)	285 (10.052)	340 (11.993)	340 (11.993)	340 (11.993)	400 (14.109)	400 (14.109)	400 (14.109)	400 (14.109)
6	Available with Motor - L2 = Length with motor (mm)											
	25GT82.....1/ 2/ 4	91.75	91.75	100.25	100.25	108.75	108.75	108.75	117.25	117.25	117.25	117.25
	28DT12.....1	102.9	102.9	111.4	111.4	119.9	119.9	119.9	128.4	128.4	128.4	128.4
	28DT12.....98	104.1	104.1	112.6	112.6	121.1	121.1	121.1	129.6	129.6	129.6	129.6
	30GT82.....4/5	101.2	101.2	109.7	109.7	118.2	118.2	118.2	126.7	126.7	126.7	126.7
	35NT32/ 82.....1/ 50/ 69	95.5	95.5	104	104	112.5	112.5	112.5	121	121	121	121

Characteristics		R40 • 0 •
7	Shaft Bearings	Ball Bearing
8	Maximum Static Torque	Nm (oz-in) 40 (5700)
9	Maximum Radial Force	
	@ 8mm from mounting face	N (lb) 600 (135)
10	Maximum Axial force	N (lb) 400 (90)
11	Maximum press fit force	N (lb) 600 (135)
12	Average Backlash @ no-load	1°
13	Average Backlash @ 0.3 Nm Shaft play:	1.3°
14	-radial	µm ≤ 10
15	-axial	µm ≤ 10
16	Maximum Recommended Input speed	rpm 6000
17	Operating Temperature Range:	°C (°F) -30 to +85 (-22 to +185)

Motor + gearbox = L2

