



Ratio	****	5.75	17.4	24	33	72.3	99.8	138	190	301	416	574	792	1090
1	Number of gear stages	1	2	2	2	3	3	3	3	4	4	4	4	4
2	Direction of rotation	=	=	=	=	=	=	=	=	=	=	=	=	=
3	Efficiency	0.8	0.75	0.75	0.75	0.65	0.65	0.65	0.65	0.55	0.55	0.55	0.55	0.55
4	L1 (mm)	32	38	38	38	44	44	44	44	50	50	50	50	50
5	Weight g (oz)	124 (4.373)	145 (5.114)	145 (5.114)	145 (5.114)	175 (6.172)	175 (6.172)	175 (6.172)	175 (6.172)	205 (7.231)	205 (7.231)	205 (7.231)	205 (7.231)	205 (7.231)
6	Available with Motor - L2 = Length with motor (mm)													
	25GST82.....1/2/3	75.5	81.5	81.5	81.5	87.5	87.5	87.5	87.5	93.5	93.5	93.5	93.5	93.5
	25GT82.....6/8	85.45	91.45	91.45	91.45	97.45	97.45	97.45	97.45	103.45	103.45	103.45	103.45	103.45
	28L28.....49	75.5	81.5	81.5	81.5	87.5	87.5	87.5	87.5	93.5	93.5	93.5	93.5	93.5
	28L18.....315	75.5	81.5	81.5	81.5	87.5	87.5	87.5	87.5	93.5	93.5	93.5	93.5	93.5
	28LT12.....49	73.2	79.2	79.2	79.2	85.2	85.2	85.2	85.2	91.2	91.2	91.2	91.2	91.2
	28LT12.....316	76.4	82.4	82.4	82.4	88.4	88.4	88.4	88.4	94.4	94.4	94.4	94.4	94.4
	28D11.....4	93.7	99.7	99.7	99.7	105.7	105.7	105.7	105.7	111.7	111.7	111.7	111.7	111.7
	28DT12.....4	96.6	102.6	102.6	102.6	108.6	108.6	108.6	108.6	114.6	114.6	114.6	114.6	114.6
	28DT12.....106	97.8	103.8	103.8	103.8	109.8	109.8	109.8	109.8	115.8	115.8	115.8	115.8	115.8
	30GT82.....4/5	94.9	100.9	100.9	100.9	106.9	106.9	106.9	106.9	112.9	112.9	112.9	112.9	112.9
	35NT32/82.....1/50/35	89.2	95.2	95.2	95.2	101.2	101.2	101.2	101.2	107.2	107.2	107.2	107.2	107.2
	35GLT2R82.....1 / 50 / 35	99.2	105.2	105.2	105.2	111.2	111.2	111.2	111.2	117.2	117.2	117.2	117.2	117.2

Characteristics		R32 2R • 0 • ....
7	Shaft Bearings	Ball bearing
8	Maximum Static Torque	Nm (oz-in) 20 (2832)
9	Maximum Radial Force	
	@ 8mm from mounting face	N (lb) 180 (40.5)
10	Maximum Axial force	N (lb) 150 (33.75)
11	Maximum press fit force	N (lb) 500 (112.5)
12	Average Backlash @ no-load	1°
13	Average Backlash @ 3 Nm	2°
	Shaft play:	
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

