

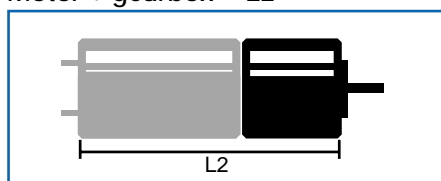
Ratio<sup>1)</sup> ... 3.67 5 13.4 18.3 25 49.3 67.2 91.7 125 180.8 246.5 336.1 458.3 625 903.8

	1	1	2	2	2	3	3	3	3	4	4	4	4	4	5
1 No. of gear stages	1	1	2	2	2	3	3	3	3	4	4	4	4	4	5
2 Dir. of rotation	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=
3 Efficiency	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.55	0.55	0.55	0.55	0.55	0.5
4 L1 (mm)	22.6	22.6	29.5	29.5	29.5	36.4	36.4	36.4	36.4	43.3	43.3	43.3	43.3	43.3	50.2
5 Mass (g)	26	26	33	33	33	40	40	40	40	47	47	47	47	47	54
6 Available with motor	L2- length with motor (mm)														
22N28 • 286	54.6	54.6	61.5	61.5	61.5	68.4	68.4	68.4	68.4	75.3	75.3	75.3	75.3	75.3	82.2
22V28 • 201	57	57	63.9	63.9	63.9	70.8	70.8	70.8	70.8	77.7	77.7	77.7	77.7	77.7	84.6
23LT12 • 45	59.7	59.7	66.6	66.6	66.6	73.5	73.5	73.5	73.5	80.4	80.4	80.4	80.4	80.4	87.3
23V58 • 4	71.4	71.4	78.3	78.3	78.3	85.2	85.2	85.2	85.2	92.1	92.1	92.1	92.1	-	-
23DT12 • 38 / • 93	73.1	73.1	80	80	80	86.9	86.9	86.9	86.9	93.8	93.8	93.8	93.8	-	-
26N58 • 5	65.9	65.9	72.8	72.8	72.8	79.7	79.7	79.7	79.7	86.6	86.6	86.6	86.6	-	-
28L28 • 164	66.1	66.1	73	73	73	79.9	79.9	79.9	79.9	86.8	86.8	86.8	86.8	-	-
28LT12 • 164	65.8	65.8	72.7	72.7	72.7	79.6	79.6	79.6	79.6	86.5	86.5	86.5	-	-	-
22BC	44.3	44.3	51.2	51.2	51.2	58.1	58.1	58.1	58.1	65	65	65	65	65	71.9

Also available: 22N48 • 308 / 22V48 • 204 / 23V48 • 11 / 26N48 • 9

Availability: see enclosed document at the end of the catalogue

Motor + gearbox = L2



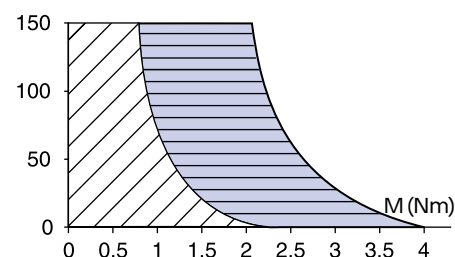
1) ratios 1232, 1680, 2292, 3125, available onrequest

Characteristics

M22 • 0 / • 200

7 Bearing type		sleeve bearings
8 Max. static torque	Nm (oz-in)	4 (556)
9 Max. radial force at 8 mm from mounting face	N (lb)	50 (11)
10 Max. axial force	N (lb)	70 (16)
11 Force for press-fit	N (lb)	100 (22)
12 Average backlash at no-load		2°
13 Average backlash at 1 Nm		3°
14 Radial play	µm	< 200
15 Axial play	µm	50 -150
16 Max. recom. input speed	rpm	7500
17 Operating temperature range	°C (°F)	-30 ... +65(-22...+150)

n (rpm) Dynamic torque



Values at the output shaft  
/ Continuous working range  
■ Temporary working range