

scale 1:1  
dimensions in mm

R22 • 0 ...

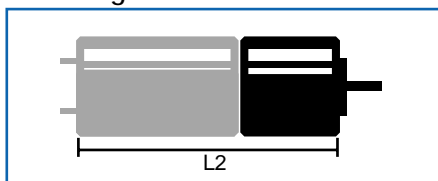
Ratio ... 5.75 16.2 19.4 27.6 33.1 65.5 93.2 111 132 159 190 376 641 1090

	5.75	16.2	19.4	27.6	33.1	65.5	93.2	111	132	159	190	376	641	1090
1 No. of gear stages	1	2	2	2	2	3	3	3	3	3	3	4	4	4
2 Dir. of rotation	=	=	=	=	=	=	=	=	=	=	=	=	=	=
3 Efficiency	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
4 L1 (mm)	25	32.5	32.5	32.5	32.5	40	40	40	40	40	40	40	40	40
5 Mass (g)	20	25	25	25	25	30	30	30	30	30	30	33	33	33
6 Available with motor	L2- length with motor (mm)													
22S28 • 1	48.8	56.3	56.3	56.3	56.3	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
22N28 • 201	54.8	62.3	62.3	62.3	62.3	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
22V28 • 202	59.4	66.9	66.9	66.9	66.9	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
23LT12 • 45	62.1	69.6	69.6	69.6	69.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
23V58 • 4	73.8	81.3	81.3	81.3	81.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
23DT12 • 38 / • 93	75.5	83	83	83	83	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
26N58 • 5	68.3	75.8	75.8	75.8	75.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
28L28 • 164	68.5	76	76	76	76	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
28LT12 • 164	68.2	75.7	75.7	75.7	75.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
P310 • 09	46.7	54.2	54.2	54.2	54.2	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7

Also available: 22N48 • 308 / 22V48 • 225 / 23V48 • 11 / 26N48 • 9 / 22HV48 • 2

Availability: see enclosed document at the end of the catalogue

Motor + gearbox = L2



### Characteristics

R22 • 0 R22 2R • 0

		R22 • 0	R22 2R • 0
7 Bearing type		sleeve bearings	ball bearings
8 Max. static torque	Nm (oz-in)	2 (283)	2 (283)
9 Max. radial force at 8 mm from mounting face	N (lb)	10 (2.2)	15 (3.3)
10 Max. axial force	N (lb)	10 (2.2)	10 (2.2)
11 Force for press-fit	N (lb)	300 (67.4)	300 (67.4)
12 Average backlash at no-load		1.5°	1.5°
13 Average backlash at 0,3 Nm		3°	3°
14 Radial play	$\mu\text{m}$	$\leq 25$	$\leq 10$
15 Axial play	$\mu\text{m}$	50 -150	50 -150
16 Max. recom. input speed	rpm	5000	5000
17 Operating temperature range	°C (°F)	-30 ... +65 (-22...+150)	

