

scale 1:1  
dimensions in mm

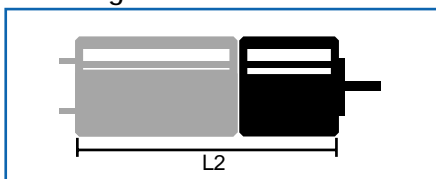
R16 • 0 [ ]

Ratio	[ ]	5.5	22	30.2	88	121	166	352	484	665.5	915
1 No. of gear stages		1	2	2	3	3	3	4	4	4	4
2 Dir. of rotation		=	=	=	=	=	=	=	=	=	=
3 Efficiency		0.85	0.75	0.75	0.65	0.65	0.65	0.55	0.55	0.55	0.55
4 L1 (mm)		16	20.1	20.1	24.2	24.2	24.2	28.3	28.3	28.3	28.3
5 Mass (g)		10	13	13	16	16	16	19	19	19	19
6 Available with motor		L2- length with motor (mm)									
16N28 • 201		44	48.1	48.1	52.2	52.2	52.2	56.3	56.3	56.4	56.3
17S78 • 1		34	38.8	38.8	42.9	42.9	42.9	47	47	47.1	47
17N78 • 1		41.9	46	46	50.1	50.1	50.1	54.2	54.2	54.3	54.2
P110 • 12		35	39.1	39.1	43.2	43.2	43.2	47.3	47.3	47.4	47.3

Also available: 16N38 • 213 / 17S88 • 2 / 17N88 • 4 / 16C18 • 30 / 16G88 • 1

Availability: see enclosed document at the end of the catalogue

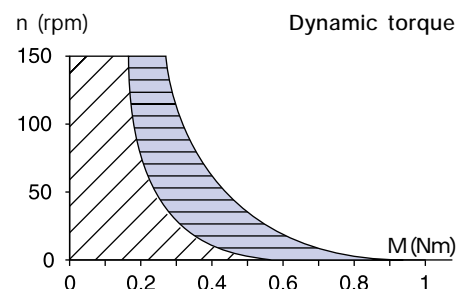
Motor + gearbox = L2



Characteristics

R16 • 0    R16 2R • 0

7 Bearing type		sleeve bearings	ball bearings
8 Max. static torque	Nm (oz-in)	1 (141)	1 (141)
9 Max. radial force at 8 mm from mounting face	N (lb)	5 (1.12)	20 (4.5)
10 Max. axial force	N (lb)	8 (1.8)	10 (2.2)
11 Force for press-fit	N (lb)	100 (23)	100 (23)
12 Average backlash at no-load		1.25°	1.25°
13 Average backlash at 0.3 Nm		2°	2°
14 Radial play	µm	≤ 20	≤ 10
15 Axial play	µm	50 -150	≤ 50
16 Max. recom. input speed	rpm	7500	7500
17 Operating temperature range	°C (°F)	-30 ... +85 (-22...+185)	



Values at the output shaft  
 [Hatched] Continuous working range  
 [Shaded] Temporary working range