LS-PG36M555

Electrical Specification

Gearbox Data

Number of stages	1 stages reduction	2 stages reduction	3 stages reduction	4 stages reduction	5 stages reduction
Reduction ratio	3.7 , 5.2	13.7, 19.2 26.9	50.9 , 71.2 99.5 , 139	188 , 254 , 369 516 , 721	699 , 977 , 1367 1911 , 2672 , 3736
Gearbox length “L” mm	25.1	32.3	38.5	44.7	50.9
Max. Gear Running torgue	20kgf·cm	50kgf·cm	100kgf·cm	100kgf·cm	100kgf·cm
Max. Gear Breaking torgue	60kgf·cm	150kgf·cm	300kgf·cm	300kgf·cm	300kgf·cm
Gearing efficiency	90%	81%	73%	65%	59%

Motor Data

Motor Name	Rated Volt. V	No Load		Load Torque				Stall Torque	
		Current	Speed	Current	Speed	Torque	Output Power	Torque	Current
		mA	r/min	mA	r/min	gf·cm	W	gf·cm	A
RS-555123000	12	≤140	3000	≤600	2458	179	4.51	1210	3.1
RS-555124500	12	≤200	4500	≤900	3929	183	7.42	1508	6.0
RS-555126000	12	≤320	6000	≤1450	5244	215	11.5	1722	9.3
RS-555243500	24	≤115	3500	≤480	3041	246	7.7	1720	2.7
RS-555244500	24	≤110	4500	≤460	3984	189	7.8	1713	3.4
RS-555246000	24	≤140	6000	≤920	5305	243	13.2	2065	5.5
RS-555249500	24	≤280	9500	≤1900	8190	386	32.5	2797	11.7

After connecting motor and gearbox which isnamed gearmotor the output torque:motor torque X reduction ratio X gearing efficiency;
Output speed:motor speed / reduction ratio.

Mechanical Dimension