LS-PG28M395

Electrical Specification

Gearbox Data

Number of stages	1 stages reduction	2 stages reduction	3 stages reduction	4 stages reduction	5 stages reduction
Reduction ratio	3.3, 4.6	11.2 , 15.5 21.5	37.7, 52.1, 72, 100	126, 174 , 241 , 334 , 462	423, 585 , 810 1120 , 1549 , 2142
Gearbox length “L” mm	20.2	25.9	31.7	37.5	43.3
Max. Gear Running torgue	5.0kgf·cm	10.0kgf·cm	25.0kgf·cm	25.0kgf·cm	25.0kgf·cm
Max. Gear Breaking torgue	15.0kgf·cm	30.0kgf·cm	75.0kgf·cm	75.0kgf·cm	75.0kgf·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	mA
RS-395124500	12	≤150	4500	≤470	3879	95.2	3.7	643	2600
RS-395126000	12	≤190	6000	≤950	5350	119	6.5	847	4600
RS-395244500	24	≤70	4500	≤230	3992	104	4.2	722	1500
RS-395246000	24	≤90	6000	≤450	5456	134	7.5	1017	2720

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