

# LS-PG45M775



## 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	10.2, 13.7 19.2	32.5 , 50.9 71.2 , 99.5	139, 188 , 264 369 , 516	699, 977 , 1367 1911 , 2672 , 3736
Gearbox length "L" mm	33.6	44.9	56.2	67.5	78.8
Max. Gear Running torque	20kgf·cm	60kgf·cm	120kgf·cm	120kgf·cm	120kgf·cm
Max. Gear Breaking torque	60kgf·cm	180kgf·cm	360kgf·cm	360kgf·cm	360kgf·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-775123000	12	≤420	3000	≤1300	2430	408	10.4	2484	6.7
RS-778124500	12	≤750	4500	≤2100	3710	476	17.6	2714	10.4
RS-775126000	12	≤1300	6000	≤3500	5195	478	25.5	3129	18.6
RS-775243000	24	≤210	3000	≤600	2590	364	9.87	2050	3.2
RS-775244500	24	≤480	4500	≤1300	3850	482	18.5	3335	5.3
RS-775246000	24	≤630	6000	≤2100	5233	574	30.8	4565	12.1

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

## Mechanical Dimension

