



36mm DC Planetary Gear Motor Series



SPECIFICATIONS:

Frame Size	36mm
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GEARBOX DATA:

Number of stages	1 Stage reduction	2 Stage reduction	3 Stage reduction	4 Stage reduction	5 Stage reduction
Reductions ratio	3.7/5.2	13.7/19.2/26.9	50.9/71.2/99.5/139	188/264/369/516/721	699/977/1367/1911/2672/3736
Gearbox Length	26.4	32.6	38.9	45.3	52.5
Max rated torque(kgf.cm)	3	6	8	12	20
Max stall torque(kgf.cm)	9	18	24	36	60

GEARBOX OPTIONS:

Gearbox Length	Gear Ratio					
26.4mm	3.7	5.2	N/A	N/A	N/A	N/A
32.6mm	13.7	19.2	26.9	N/A	N/A	N/A
38.9mm	50.9	71.2	95	139	N/A	N/A
45.3mm	188	264	369	516	721	N/A
52.5mm	699	977	1367	1911	2672	3736

SUBMODELS:

The following are common submodels for the LDO-36PGM555 series.

	Rated Voltage	No Load Speed	No Load Current(mA)	At Load Speed(RPM)	At Load Current(mA)	At Load Torque(kg.cm)	At Load Power
Part No.	(V)	(RPM)	(mA)	(RPM)	(mA)	(kg.cm)	(W)
LDO-36PGM555(123000)	12	3000	< 140	2200	< 800	0.18	4
LDO-36PGM555(124500)	12	4500	< 220	3300	< 1200	0.25	8.5
LDO-36PGM555(126000)	12	6000	< 350	4500	< 2000	0.35	15
LDO-36PGM555(243000)	24	3000	< 70	2200	< 400	0.18	4
LDO-36PGM555(244500)	24	4500	< 110	3300	< 600	0.25	8.5
LDO-36PGM555(246000)	24	6000	< 180	4500	< 1000	0.35	15