

DC Planetengetriebemotor / planetary geared DC motor PG36M555

Motordaten		Motor Data			
Ausführung	Model	RS-555124500	RS-555126000	RS-555244500	RS-555246000
Nennspannung	Rated voltage	12VDC	12VDC	24VDC	24VDC
Leerlaufstrom [A]	No load current [A]	0,2	0,32	0,11	0,14
Leerlaufdrehzahl [U/min]	No load speed [rpm]	4500	6000	4500	6000
Nennstrom [A]	Rated Current [A]	0,9	1,45	0,46	0,92
Nennndrehzahl [U/min]	Rated speed [rpm]	3930	5244	3980	5300
Nennndrehmoment [mNm]	Rated torque [mNm]	18	21	19	24
Nennleistung [W]	Rated power [W]	7,4	11,5	7,8	13,2
Spitzenleistung [W]	Max. output power [W]	17,5	27	20	32
Blockademoment [mNm]	Stall torque [mNm]	150	172	171	206
Blockadestrom [A]	Stall current [A]	6	9,3	3,4	5,5

Getriebedaten		Gear Data
Ausführung	type of gear box	Planetengetriebe / planetary
Gehäuse	Housing	Metall / metal
Ausgangslager	Bearing at output	ball or sleeve
Drehmoment	Torque	max. 10Nm
Welle	Shaft	Ø8 x 21mm



Übersetzungen Ratios

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, 264 , 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 torque	20.0kgf-cm	50.0kgf-cm	100.0kgf-cm	100.0kgf-cm	100.0kgf-cm
Max. gear breaking torque	60.0kgf-cm	150.0kgf-cm	300.0kgf-cm	300.0kgf-cm	300.0kgf-cm
Gearing efficiency	90%	81%	73%	65%	59%

Abmessungen Dimension

