

DC Planetengetriebemotor / planetary geared DC motor PG45ZY45

Motordaten		Motor Data			
Ausführung	Model	45ZY124500	45ZY126000	45ZY244500	45ZY246000
Nennspannung	Rated voltage	12VDC	12VDC	24VDC	24VDC
Leerlaufstrom [A]	No load current [A]	0,44	0,63	0,27	0,36
Leerlaufdrehzahl [U/min]	No load speed [rpm]	4500	6000	4500	6000
Nennstrom [A]	Rated Current [A]	2,05	4,15	1,34	2,05
Nennndrehzahl [U/min]	Rated speed [rpm]	3710	5240	3850	5120
Nennndrehmoment [mNm]	Rated torque [mNm]	48	61	49	65
Nennleistung [W]	Rated power [W]	17,8	31,9	18,8	33,2
Blockademoment [mNm]	Stall torque [mNm]	271	470	323	471
Blockadestrom [A]	Stall current [A]	10,2	20,3	8,5	12,2

Getriebedaten		Gear Data
Ausführung	type of gear box	Planetengetriebe / planetary
Gehäuse	Housing	Metall / metal
Ausgangslager	Bearing at output	ball or sleeve
Drehmoment	Torque	max. 20Nm
Welle	Shaft	Ø10 x 27mm



Übersetzungen Ratios

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	50kgf-cm	100kgf-cm	200kgf-cm	200kgf-cm	200kgf-cm
Max. Gear Breaking torque	100kgf-cm	300kgf-cm	600kgf-cm	600kgf-cm	600kgf-cm
Gearing efficiency	90%	81%	73%	65%	59%

Abmessungen Dimension

