

## DC Planetengetriebemotor / planetary geared DC motor PG32ZY31

<b>Motordaten</b>	<b>Motor Data</b>	<b>31ZY124500</b>	<b>31ZY126000</b>	<b>31ZY244500</b>	<b>31ZY246000</b>
Ausführung	Model				
Nennspannung	Rated voltage	12VDC	12VDC	24VDC	24VDC
Leerlaufstrom [A]	No load current [A]	0,15	0,22	0,09	0,13
Leerlaufdrehzahl [U/min]	No load speed [rpm]	4500	6000	4500	6000
Nennstrom [A]	Rated Current [A]	0,7	1,2	0,35	0,65
Nennndrehzahl [U/min]	Rated speed [rpm]	3300	4500	3300	4500
Nennndrehmoment [mNm]	Rated torque [mNm]	13	18	13	18
Nennleistung [W]	Rated power [W]	4,3	8	4,3	8
Blockademoment [mNm]	Stall torque [mNm]	52	72	52	72
Blockadestrom [A]	Stall current [A]	2,7	5	1,3	2,6

<b>Getriebedaten</b>	<b>Gear Data</b>	
Ausführung	type of gear box	Planetengetriebe / planetary
Gehäuse	Housing	Metall / metal
Ausgangslager	Bearing at output	ball or sleeve
Drehmoment	Torque	max. 5Nm
Welle	Shaft	Ø06 x 19,3mm



## Übersetzungen Ratios

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 torque	10.0kgf-cm	20.0kgf-cm	50.0kgf-cm	50.0kgf-cm	50.0kgf-cm
Max. Gear Breaking torque	20.0kgf-cm	60.0kgf-cm	150.0kgf-cm	150.0kgf-cm	150.0kgf-cm
Gearing efficiency	90%	81%	73%	65%	59%

## Abmessungen Dimension

