

## DC Planetengetriebemotor / planetary geared DC motor PG45M775

<u>Motordaten</u>	<u>Motor Data</u>	<b>RS-775124500</b>	<b>RS-775126000</b>	<b>RS-775244500</b>	<b>RS-775246000</b>
Ausführung	Model				
Nennspannung	Rated voltage	12VDC	12VDC	24VDC	24VDC
Leerlaufstrom [A]	No load current [A]	0,75	1,3	0,48	0,63
Leerlaufdrehzahl [U/min]	No load speed [rpm]	4500	6000	4500	6000
Nennstrom [A]	Rated Current [A]	2,1	3,5	1,3	2,1
Nennndrehzahl [U/min]	Rated speed [rpm]	3710	5195	3850	5233
Nennndrehmoment [mNm]	Rated torque [mNm]	48	48	48	57
Nennleistung [W]	Rated power [W]	17,6	25,5	18,5	30
Blockademoment [mNm]	Stall torque [mNm]	271	312	333	456
Blockadestrom [A]	Stall current [A]	10,4	18,6	8,3	12,1

<u>Getriebedaten</u>	<u>Gear Data</u>	
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

