

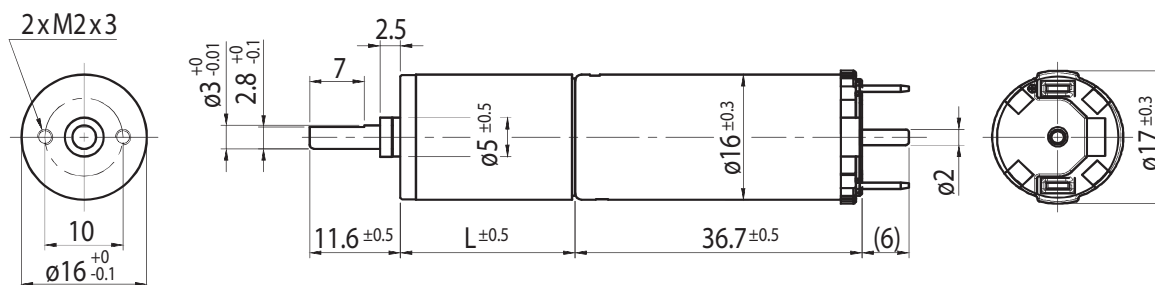
# DC Motor Planetary Gearbox Type PL16-DC17.37



## Gearmotor

Gear Ratio	4	14	16	19	53	62	72	84	231	316	370	1014	1621
12V	Rated Torque (Ncm)	1.4	3.9	4.6	5.4	13	14.8	16	16	20	20	24	24
	Rated Speed (min <sup>-1</sup> )	1310	410	350	300	105	93	82	74	30	23	7.5	4.8
24V	Rated Torque (Ncm)	1.4	3.9	4.6	5.4	13	14.8	16	16	20	20	24	24
	Rated Speed (min <sup>-1</sup> )	1380	430	365	315	112	98	86	78	32	24	8	5
Length L (mm)		15.05	18.7		22.35			26			29.65		

Rel. Humidity: 20 to 85% | Ambient Temp.: -10 to +60°C | Net Weight max. 70g

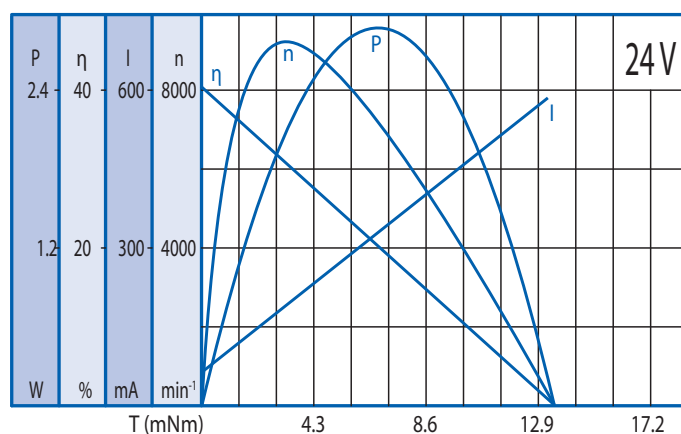
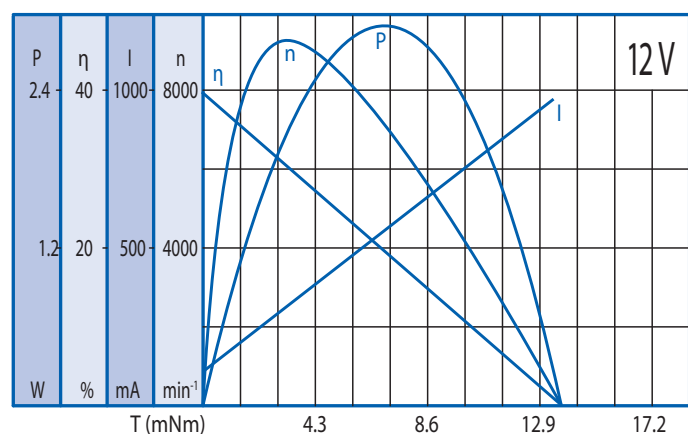


## Options

Encoder
Rear Shaft
EMC Filter
Leads
Connector
Special Shaft
Special Voltage

## Motor

Rated Voltage (V)	Rated Torque (Ncm)	Rated Speed (min <sup>-1</sup> )	Rated Current (mA)	No Load Speed (min <sup>-1</sup> )	No Load Current (mA)	Rated Power (W)
12	0.4	5780	≤480	8100	≤160	2.37
24	0.4	6070	≤250	8500	≤90	2.49



## Gearbox

Gear Ratio	4	14	16	19	29	53	62	72	84	231	316	370	1014	1621
Max. Rated Torque (Ncm)	8	12	12	12	12	16	16	16	16	25	25	25	30	30
Max. Peak Torque (Ncm)	24	36	36	36	36	48	48	48	48	75	75	75	90	90

Radial Load (FR): 5N (10mm from face mounting) | Axial Load (FA): 5N