

Planetary Gearmotor DSMP420

This planetary gearmotor is a high quality motor-gear combination with the following features:

- Brush DC-Motor
- Gears in steel manufactured by milling process
- Sun wheel from extra hard bakelite for noise reduction
- Ball bearing and electrical noise suppression filter
- Backlash at no load $\leq 3^\circ$
- Radial load 10mm from flange $\leq 80\text{N}$
- Axial load $\leq 30\text{N}$
- Radial play $\leq 0,04\text{mm}$
- Axial play $\leq 0,3\text{mm}$
- Operating temperature -10°C to $+60^\circ\text{C}$

Encoder version available.

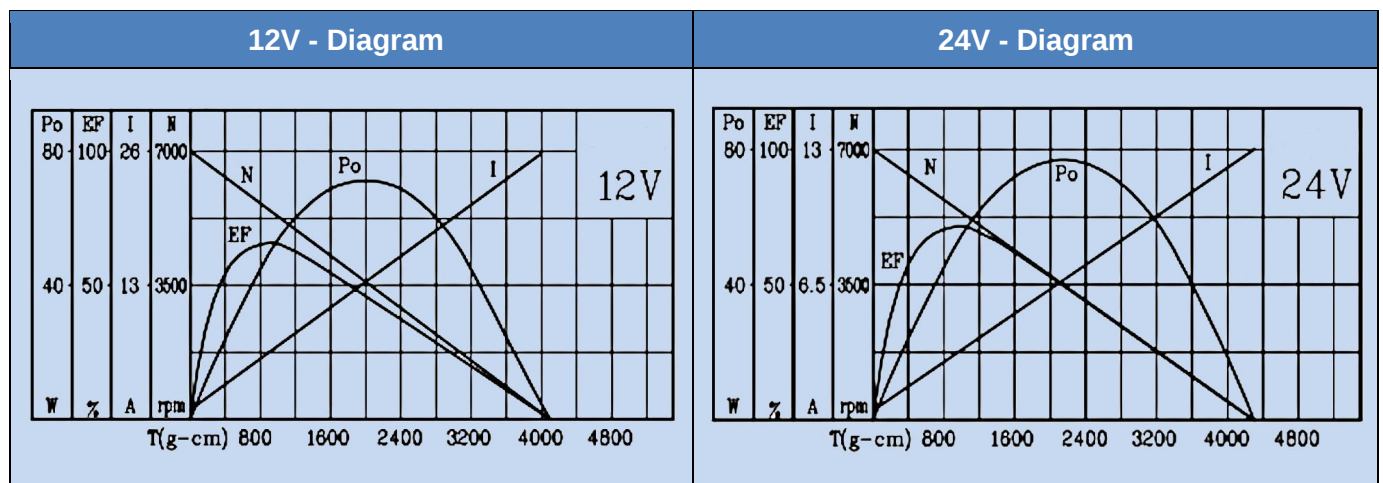


DSMP420

Model code

DSMP420	-	12	-	10	-	B	-	F	-	E	-	C
typ		voltage		gear reduction		Bearing		Filter		Sensor		C: cover
		12V		24		Ball bearing				E: Encoder		
		24V		61								
				104								
				212								
				504								

Diagram



Additional technical data

Rated Voltage In V	Rated torque in gcm (Ncm)	Rated speed In rpm	Rated current in A	No load speed In rpm	No load current A	Rated output in W
12	700 (7,0)	5700	$\leq 5,5$	7000	$\leq 0,9$	41,3
24	570 (5.7)	5900	$\leq 2,1$	7000	$\leq 0,5$	34,7

