

## PD117249 DC PLANETARY GEAR MOTOR

Heavy duty brush dc motors with planetary gear. Available for 12 or 24 VDC. Torque capacity up to 250 Nm. The motors are typically used in battery operated applications as vehicles and mobile equipment. For speed drivers please refer to our DD series. Customizations are welcome.



TRANSMOTEC SWEDEN AB

### MODEL NO. DESIGNATIONS

MODEL - VOLTAGE - RATIO

Example: PD117249-12-4

### MOTOR FEATURES

- 12 or 24 VDC
- Planetary gear
- Torque up to 250 Nm
- Robust design
- Customizations are welcome

### GEARED MOTOR DATA 12 VDC

Ratio	UNITS	4:1	6:1	16:1	24:1	36:1	64:1	96:1	144:1	216:1
Rated torque	Nm	9	14	34	51	77	130	195	250	250
Rated speed	rpm	250	167	63	42	28	16	10	7	5
Rated power	W	235	244	224	224	225	217	203	183	130
Length LR	mm	97	97	122	122	122	147	147	147	147
Weight	Kg	12.5	12.5	14.2	14.2	14.2	15.8	15.8	15.8	15.8

### GEARED MOTOR DATA 24 VDC

Ratio	UNITS	4:1	6:1	16:1	24:1	36:1	64:1	96:1	144:1	216:1
Rated torque	Nm	13	20	50	75	112	190	250	250	250
Rated speed	rpm	500	333	125	83	56	31	21	14	9
Rated power	W	680	697	654	651	656	616	549	366	235
Length LR	mm	97	97	122	122	122	147	147	147	147
Weight	Kg	12.5	12.5	14.2	14.2	14.2	15.8	15.8	15.8	15.8

### MOTOR DATA

Rated volt (V)	Rated torque (Kg-cm)	Rated speed (rpm)	Rated Current (A)	No load speed (rpm)	Rated power (W)
12	27	1000	43	1100	400
24	39	2000	40	2200	800

### APPEARANCE SIZE

