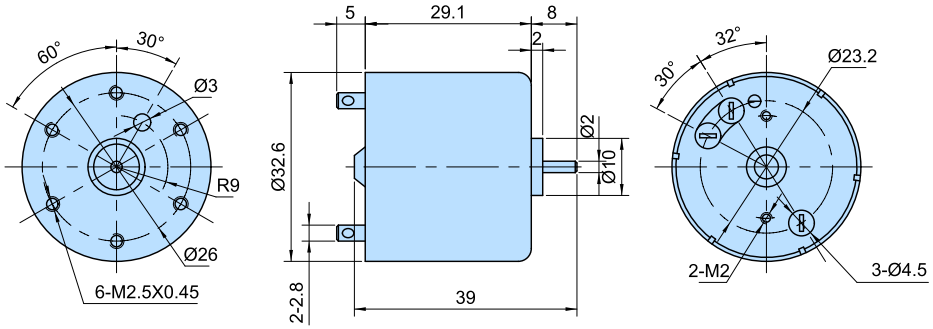
DC528

12 / 24 V · 4500 - 7000 rpm · 4 windings





Dimensions in mm. Standard drawing shown; confirm custom shaft variants separately.

ELECTRICAL PERFORMANCE | STANDARD WINDINGS

Parameter	Unit	DC528-124500	DC528-127000	DC528-244500	DC528-247000
Rated voltage	V	12	12	24	24
No-load speed	rpm	4500	7000	4500	7000
Rated speed	rpm	3870	5650	3680	6000
No-load current	mA	80	140	40	80
Rated current	mA	230	610	130	280
Stall current	mA	1360	3030	590	1540
Rated torque	gf.cm	44	80	48	71
Stall torque	gf.cm	328	472	281	455
Rated output power	W	1.75	4.6	1.8	4.4
Maximum efficiency	%	72	72	72	72

Standard specifications at 20 °C ambient. For customized performance, contact technical support.

MECHANICAL, MATERIALS & OPERATION

Motor diameter	32 mm	Operating temperature	-30 ~ 65 °C
Motor body length	29.1 mm	Housing material	Zinc-plated steel
Motor weight	71 g	Winding material	Enameled copper wire
Shaft diameter	2 mm	Magnet material	Ferrite
Shaft configuration	Single/Dual	Brush material	Metal graphite brush
Direction of rotation	CW/CCW	Insulation class	UEW
Connector	2	Pole pairs	2
Working lifespan	300 hours		

CONFIGURATION | COMPATIBLE GEARBOX

Gearbox type	Series	Combination	+ L (mm)
Planetary gearbox	PG32	PG32 + DC528	25.9 - 52.1
Spur gearbox - round	SG37A	SG37A + DC528	22.5 - 29
Spur gearbox - round	SR37	SR37 + DC528	30.5 - 38
Spur gearbox - flat	TT / AF	with DC-528	On request

+ L: added axial length including the mounting plate, excluding the output shaft.