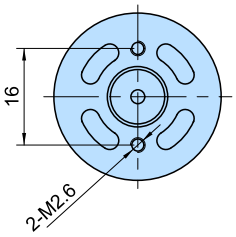
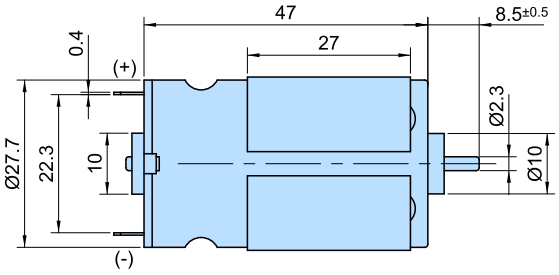
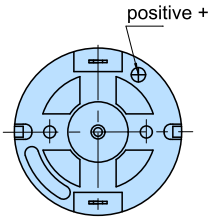
DC395

12 / 24 V · 4500 - 6000 rpm · 4 windings









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

ELECTRICAL PERFORMANCE | STANDARD WINDINGS

Parameter	Unit	DC395-124500	DC395-126000	DC395-244500	DC395-246000
Rated voltage	V	12	12	24	24
No-load speed	rpm	4500	6000	4500	6000
Rated speed	rpm	3879	5359	3990	5200
No-load current	mA	110	180	90	300
Rated current	mA	470	770	270	490
Stall current	mA	2650	4610	1530	2720
Rated torque	gf.cm	95	119	104	140
Stall torque	gf.cm	643	847	722	973
Rated output power	W	3.79	6.54	4.27	7.73
Maximum efficiency	%	75	75	75	75

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

MECHANICAL, MATERIALS & OPERATION

Motor diameter	27.8 mm	Operating temperature	-30 ~ 65 °C
Motor body length	46.5 mm	Housing material	Zinc-plated steel
Motor weight	103 g	Winding material	Enameled copper wire
Shaft diameter	2.3 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	400 hours		

CONFIGURATION | COMPATIBLE GEARBOX

Gearbox type	Series	Combination	+ L (mm)
Planetary gearbox	PG28 / PG32	with DC-395	25.9 - 52.1
Spur gearbox	SR32	SR32 + DC395	24.5 - 32

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