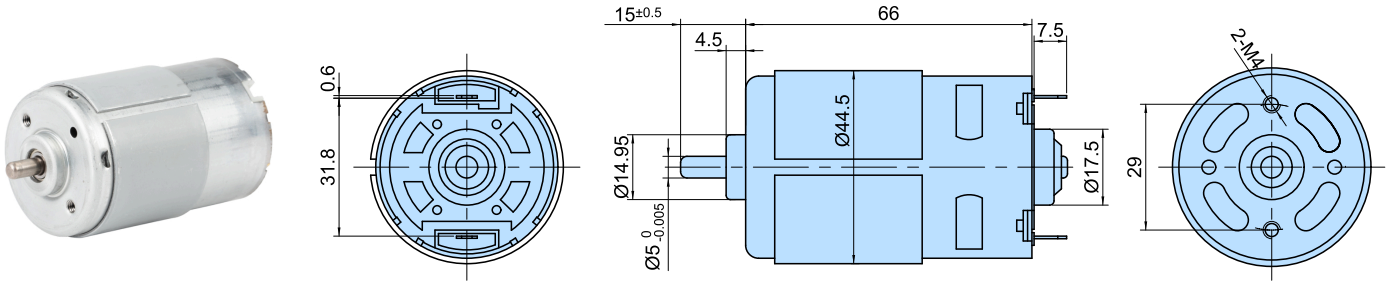
DC775

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	DC775-124500	DC775-126000	DC775-244500	DC775-246000
Rated voltage	V	12	12	24	24
No-load speed	rpm	4500	6000	4500	6000
Rated speed	rpm	3780	5195	3821	5233
No-load current	mA	750	1400	400	650
Rated current	mA	2200	3500	1200	1770
Stall current	mA	10000	18400	8300	12100
Rated torque	gf.cm	420	478	538	574
Stall torque	gf.cm	2614	3129	4134	4565
Rated output power	W	16	24.9	20.5	30
Maximum efficiency	%	72	72	72	72

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

MECHANICAL, MATERIALS & OPERATION

Motor diameter	45 mm	Operating temperature	-30 ~ 65 °C
Motor body length	66 mm	Housing material	Zinc-plated steel
Motor weight	347 g	Winding material	Enameled copper wire
Shaft diameter	5 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	800 hours		

CONFIGURATION | COMPATIBLE GEARBOX

Gearbox type	Series	Combination	+ L (mm)
Planetary gearbox	PG45	PG45 + DC775	33.5 - 78.2
Spur gearbox - round	RG50	RG50 + DC775	26.4 - 37.7
Spur gearbox - flat	TT / GF / TA	with DC-775	On request

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