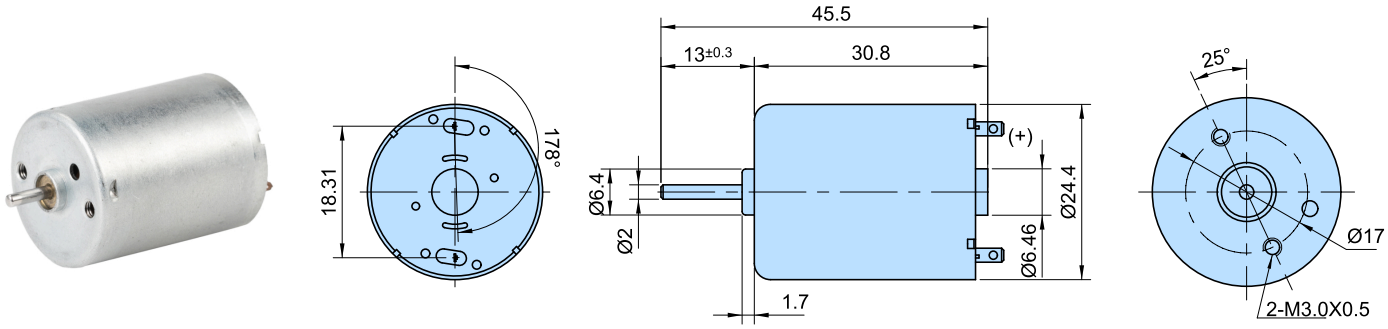
DC370

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	DC370-124500	DC370-126000	DC370-244500	DC370-246000
Rated voltage	V	12	12	24	24
No-load speed	rpm	4500	6000	4500	6000
Rated speed	rpm	3900	5200	3900	5550
No-load current	mA	33	40	15	30
Rated current	mA	160	260	60	120
Stall current	mA	1000	1500	360	1500
Rated torque	gf.cm	30	28	20	28
Stall torque	gf.cm	160	180	75	170
Rated output power	W	1.15	1.6	0.86	1.54
Maximum efficiency	%	75	75	75	75

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

MECHANICAL, MATERIALS & OPERATION

Motor diameter	24.4 mm	Operating temperature	-30 ~ 65 °C
Motor body length	30.8 mm	Housing material	Zinc-plated steel
Motor weight	49 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	PG25	PG25 + DC370	25 - 40.3
Spur gearbox	SR25	SR25 + DC370	23.5 - 31.5
Worm gearbox	WGM370	WGM370 + DC370	On request

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