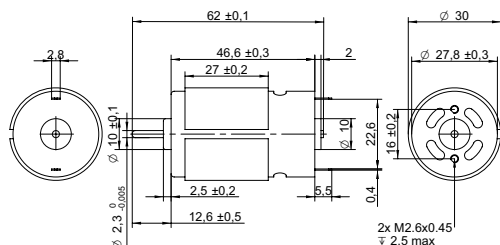


DRAWING (mm)



PHOTO



MODEL NO. DESIGNATION

MODEL

- BRUSH TYPE

- ELECTRONIC COMPONENT

C: Carbon brush

M: Metal brush

C: Capacitor

V: Varsitor

Example: JD3-5520-CC

OPTIONS POWER SUPPLIES



● C = customizations are offered on demand even for smaller quantities. Typical customizations are indicated with a green dot at column end. Please contact us for any customization request.

MOTOR DATA

C

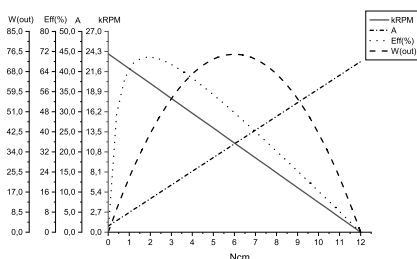
Model number		JD3-5520-CC	JD3-4532-CC	JD3-14260-CVC	JD3-24135-CVC	
Diameter	mm	30	30	30	30	
Length	mm	46.6	46.6	46.6	46.6	
Nominal voltage	V	7.2	9.6	12	12	●
No load current	A	1.5	0.8	0.06	0.35	●
Nominal current	A	8.2	5.6	0.2	2	●
Start/Stall current	A	43	36	0.9	13	●
No load speed	rpm	24000	20000	3000	13000	●
Nominal speed	rpm	20000	17000	2300	11000	●
Nominal torque	mNm	19	24	6.3	16	●
Start/Stall torque	mNm	120	160	33	120	●
Nominal power	W	38	39	1.5	18	●
Efficiency	%	66	72	60	77	

COMMON MOTOR DATA

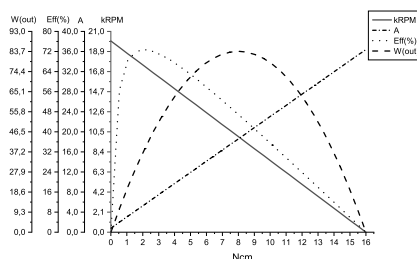
C

Shaft diameter	mm	2.3	●
Number of pole pairs		1	
Number of commutator segments		3	
Weight	g	150	
Service life	hrs	500 to 1000	
Operating temperature	°C	-10 to +60	●
Housing material		Galvanized steel	
Shaft material		High-carbon steel	●
Magnet material		Ferrite	
IP rating		IP40	
Motor insulation class		Level A	●

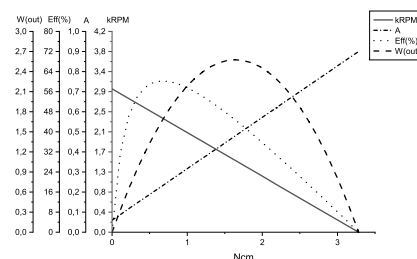
MOTOR DATA GRAPH - JD3-5520-CC



MOTOR DATA GRAPH - JD3-4532-CC



MOTOR DATA GRAPH - JD3-14260-CVC



MOTOR DATA GRAPH - JD3-24135-CVC

