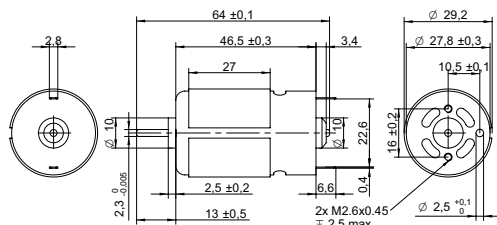


DRAWING (mm)



PHOTO



MODEL NO. DESIGNATION

MODEL

-

BRUSH TYPE

C: Carbon brush
M: Metal brush

ELECTRONIC COMPONENT

C: Capacitor
V: Varsistor

Example: JD3FN-5518-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

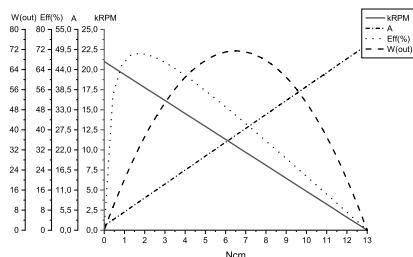
Model number		JD3FN-5518-CC	JD3FN-5025-CC	
Diameter	mm	29.2	29.2	
Length	mm	46.5	46.5	
Nominal voltage	V	6	9.6	●
No load current	A	1.2	1.4	●
Nominal current	A	8.8	7.8	●
Start/Stall current	A	51	48	●
No load speed	rpm	21000	26000	●
Nominal speed	rpm	18000	22000	●
Nominal torque	mNm	21	23	●
Start/Stall torque	mNm	130	160	●
Nominal power	W	38	52	●
Efficiency	%	72	70	●

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 - JD3FN-5518-CC



MOTOR DATA GRAPH - JD3FN-5025-CC

