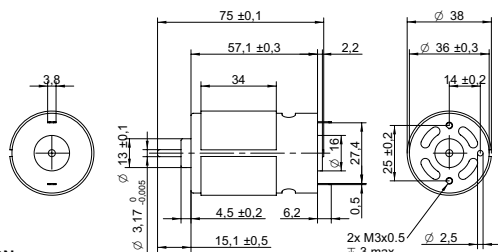


DRAWING (mm)



MODEL NO. DESIGNATION

MODEL

- BRUSH TYPE

- ELECTRONIC COMPONENT

C: Carbon brush

M: Metal brush

C: Capacitor

V: Varsitor

Example: KP3N-7521-CC

PHOTO



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

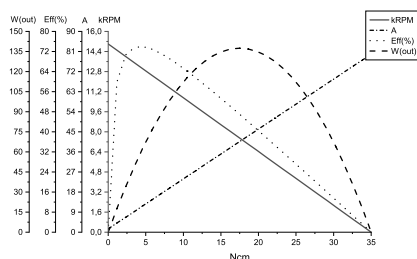
Model number		KP3N-7521-CC	KP3N-35110-CVC	KS3N-30100-CVC	KS3N-4553-CVC	
Diameter	mm	38	38	38	38	
Length	mm	57.1	57.1	57.1	57.1	
Nominal voltage	V	7.2	12	12	12	●
No load current	A	1.5	0.15	0.3	0.6	●
Nominal current	A	9.9	1.1	1.3	3.6	●
Start/Stall current	A	80	8.3	7.2	23	●
No load speed	rpm	15000	4500	5200	10000	●
Nominal speed	rpm	13000	3800	4300	8400	●
Nominal torque	mNm	38	24	23	35	●
Start/Stall torque	mNm	350	200	150	250	●
Nominal power	W	51	9.6	11	31	●
Efficiency	%	72	71	65	72	

COMMON MOTOR DATA

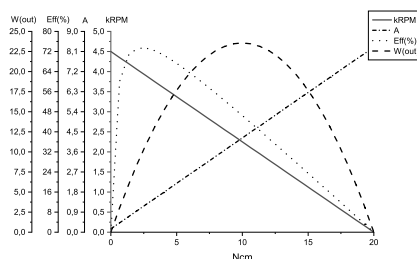
C

Shaft diameter	mm	3.17	●
Number of pole pairs		1	
Number of commutator segments		3	
Weight	g	300	
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	●

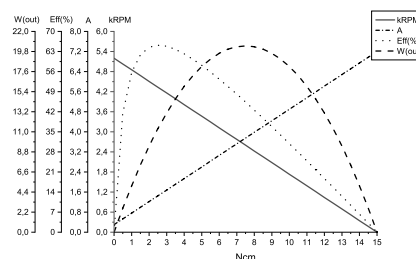
MOTOR DATA GRAPH - KP3N-7521-CC



MOTOR DATA GRAPH - KP3N-35110-CVC



MOTOR DATA GRAPH - KS3N-30100-CVC



MOTOR DATA GRAPH - KS3N-4553-CVC

