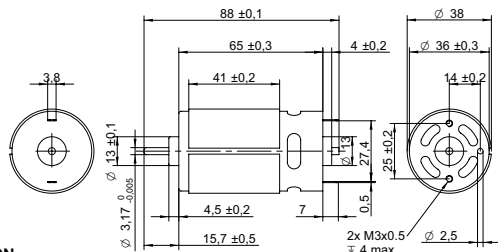


DRAWING (mm)



PHOTO



MODEL NO. DESIGNATION

MODEL	-	BRUSH TYPE	-	ELECTRONIC COMPONENT
		C: Carbon brush M: Metal brush		C: Capacitor V: Varsitor

Example: ND3SFN-4570-CVC

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.

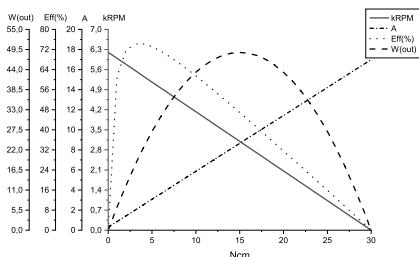
MOTOR DATA

Model number		ND3SFN-4570-CVC	ND3SFN-4565-CVC	NC3SFN-6035-CVC	
Diameter	mm	38	38	38	
Length	mm	65	65	65	
Nominal voltage	V	12	12	12	●
No load current	A	0.3	0.5	1	●
Nominal current	A	2.2	2.6	5.6	●
Start/Stall current	A	17	18	51	●
No load speed	rpm	6200	6700	12000	●
Nominal speed	rpm	5400	5800	11000	●
Nominal torque	mNm	34	36	46	●
Start/Stall torque	mNm	300	290	450	●
Nominal power	W	19	22	52	●
Efficiency	%	74	71	76	

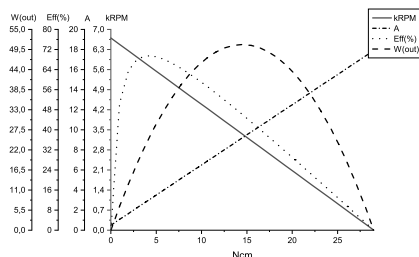
COMMON MOTOR DATA

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 - ND3SFN-4570-CVC



MOTOR DATA GRAPH - ND3SFN-4565-CVC



MOTOR DATA GRAPH - NC3SFN-6035-CVC

