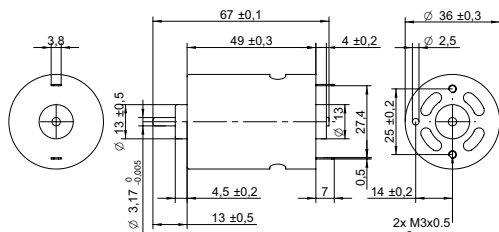


DRAWING (mm)



PHOTO



MODEL NO. DESIGNATION

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

Example: HS5FN-19130-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.

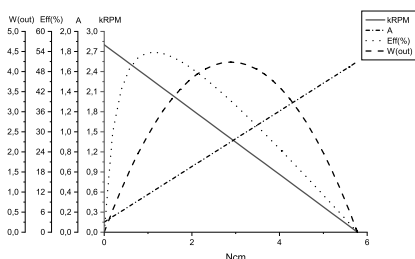
MOTOR DATA

Model number	HS5FN-19130-CVC	HP5FN-3250-CVC	HD5FN-2485-CVC	HP5FN-2670-CVC	C
Diameter	mm	36	36	36	
Length	mm	49	49	49	
Nominal voltage	V	12	12	24	●
No load current	A	0.1	0.32	0.26	●
Nominal current	A	0.4	1.8	1.1	●
Start/Stall current	A	1.7	9.8	6.2	●
No load speed	rpm	2800	7400	9700	●
Nominal speed	rpm	2100	6200	7900	●
Nominal torque	mNm	12	22	22	●
Start/Stall torque	mNm	58	140	150	●
Nominal power	W	2.8	14	18	●
Efficiency	%	54	66	71	●

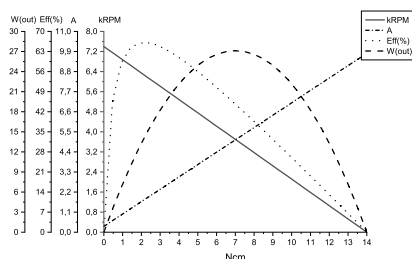
COMMON MOTOR DATA

Shaft diameter	mm	3.17	●
Number of pole pairs		1	
Number of commutator segments		5	
Weight	g	220	
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	●

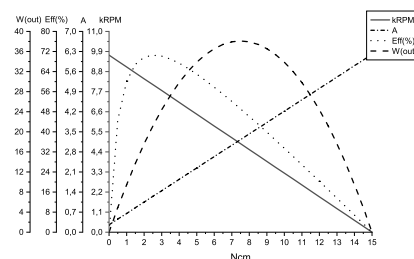
MOTOR DATA GRAPH - HS5FN-19130-CVC



MOTOR DATA GRAPH - HP5FN-3250-CVC



MOTOR DATA GRAPH - HD5FN-2485-CVC



MOTOR DATA GRAPH - HP5FN-2670-CVC

