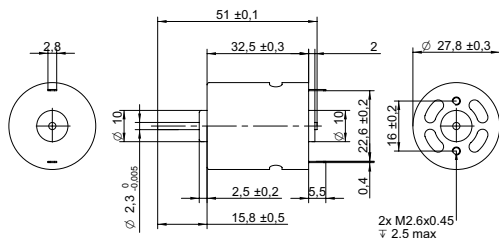


DRAWING (mm)



PHOTO



MODEL NO. DESIGNATION

MODEL

-

BRUSH TYPE

C: Carbon brush
M: Metal brush

ELECTRONIC COMPONENT

C: Capacitor
V: Varistor

Example: MS5N-2365-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

C

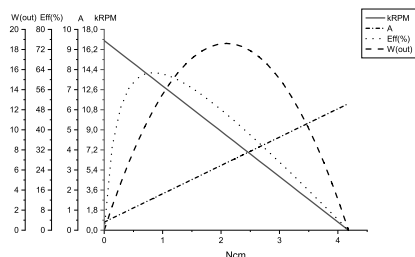
Model number		MS5N-2365-CVC	MP5N-08360-CVC	MP5N-12190-CVC	
Diameter	mm	27.8	27.8	27.8	
Length	mm	32.5	32.5	32.5	
Nominal voltage	V	12	24	24	●
No load current	A	0.4	0.05	0.1	●
Nominal current	A	1.7	0.1	0.4	●
Start/Stall current	A	6.3	0.3	1.2	●
No load speed	rpm	17000	4800	10000	●
Nominal speed	rpm	12000	3500	7800	●
Nominal torque	mNm	9.1	3.2	6	●
Start/Stall torque	mNm	42	13	26	●
Nominal power	W	11	1.2	4.9	●
Efficiency	%	58	42	59	

COMMON MOTOR DATA

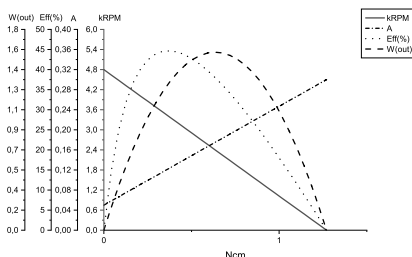
C

Shaft diameter	mm	2.3	●
Number of pole pairs		1	
Number of commutator segments		5	
Weight	g	69	
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 - MS5N-2365-CVC



MOTOR DATA GRAPH - MP5N-08360-CVC



MOTOR DATA GRAPH - MP5N-12190-CVC

