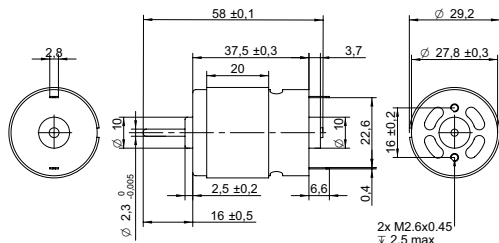


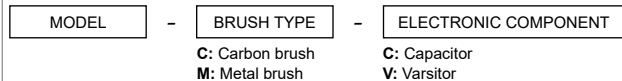
## DRAWING (mm)



## PHOTO



## MODEL NO. DESIGNATION



Example: LS5FN-3019-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.

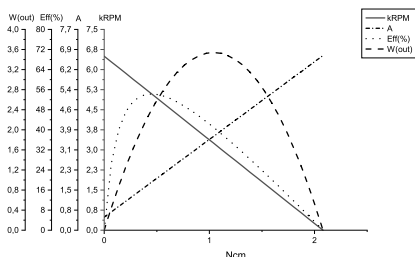
## MOTOR DATA

Model number	LS5FN-3019-CVC	LS5FN-15145-CVC	LS5FN-3035-CC	LS5FN-16120-CVC	C	
Diameter	mm	29.2	29.2	29.2	29.2	
Length	mm	37.5	37.5	37.5	37.5	
Nominal voltage	V	2.4	12	12	24	●
No load current	A	0.5	0.06	0.5	0.08	●
Nominal current	A	1.8	0.3	2.9	0.5	●
Start/Stall current	A	6.7	1	14	2.6	●
No load speed	rpm	6500	4300	18000	9700	●
Nominal speed	rpm	4900	3400	15000	8200	●
Nominal torque	mNm	4.4	4.8	16	8	●
Start/Stall torque	mNm	21	25	85	56	●
Nominal power	W	2.3	1.7	24	7	●
Efficiency	%	53	66	68	66	

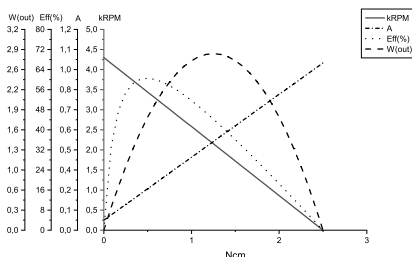
## COMMON MOTOR DATA

Shaft diameter	mm	2.3	●
Number of pole pairs		1	
Number of commutator segments		5	
Weight	g	110	
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	●

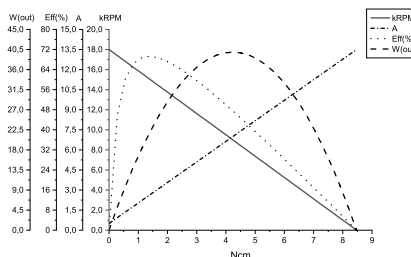
## MOTOR DATA GRAPH - LS5FN-3019-CVC



## MOTOR DATA GRAPH - LS5FN-15145-CVC



## MOTOR DATA GRAPH - LS5FN-3035-CC



## MOTOR DATA GRAPH - LS5FN-16120-CVC

