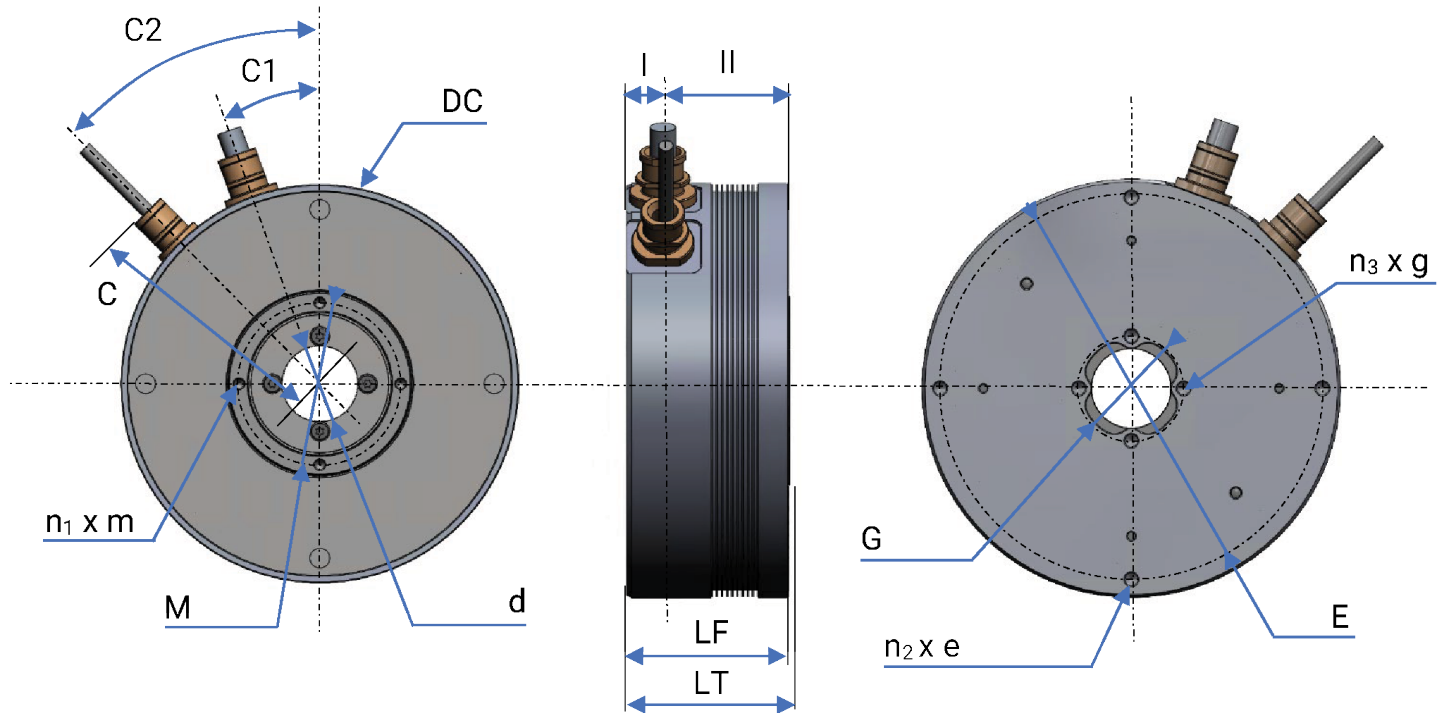


NEW COMPACT, RIGID AND ACCURATE HOLLOW SHAFT SERVOMOTOR FOR DEFENCE & SECURITY, AERONAUTIC, CIVIL AND SCIENTIFIC APPLICATIONS.

MECHANICAL DATA



Type	Dimensions (mm)																		Mass* (g)
	DC	d	M	n1	m	E	n2	e	G	n3	g	LF	LT	C	C1	C2	I	II	
SVM80 D S	80	15	32.5	4	M2.5	73	4	M3	20	4	M3	31	32	47	20	45	7	24	680
SVM80 D L	80	15	32.5	4	M2.5	73	4	M3	20	4	M3	31	32	47	20	45	7	24	470

For other fixing dimensions, please contact us.

*Without connection

Admissible load and moment of inertia

Type	Static axial load (N)	Static bending moment (N.m)	Rotor inertia (g.mm ²)
SVM80 D S	1840	15	593.10 ²
SVM80 D L			

Admissible load are given considering fixation on E diameter.

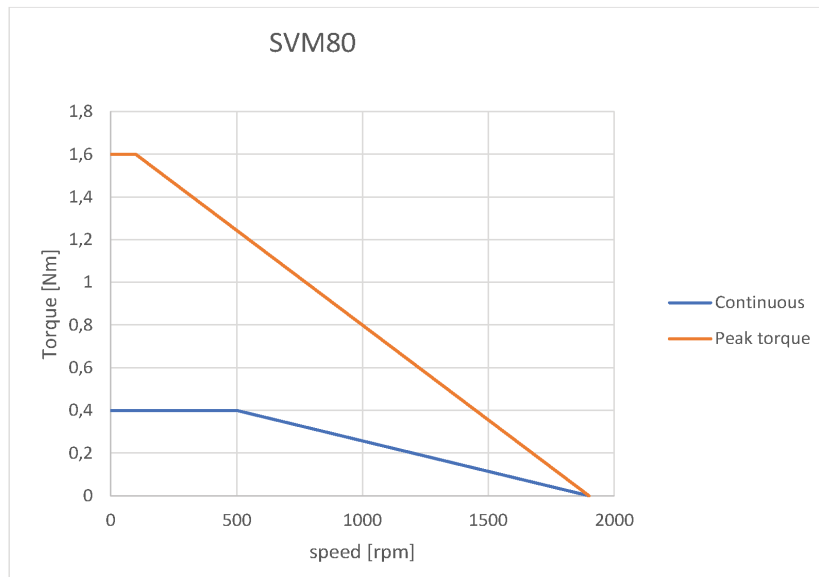
For higher load, please contact us.

Environment

	Minimum temperature (°C)	Maximum temperature (°C)
Operating	-40	+85*
Storage	-40	+125

*Depending of duty cycle

ELECTRICAL DATA



Motor		
DC voltage	24	V
Continuous nominal	21	W
Peak Current	10.4	Arms
Nominal Current	2.6	Arms
Insulation class	F	
Terminal cross section	18	AWG
Type of connections	Flying leads	

For further information, please contact us.

Encoder		
Type	Absolut	
Binary resolution	Up to 20	bits
Accuracy	± 0.010°	
Supply voltage	5	V
Communication protocol	BiSS	
Serial output	Differential RS-422	
Clock	Differential RS-422	
Terminal cross section	30	AWG
Type of connections	Flying leads	

For further information, please contact us.