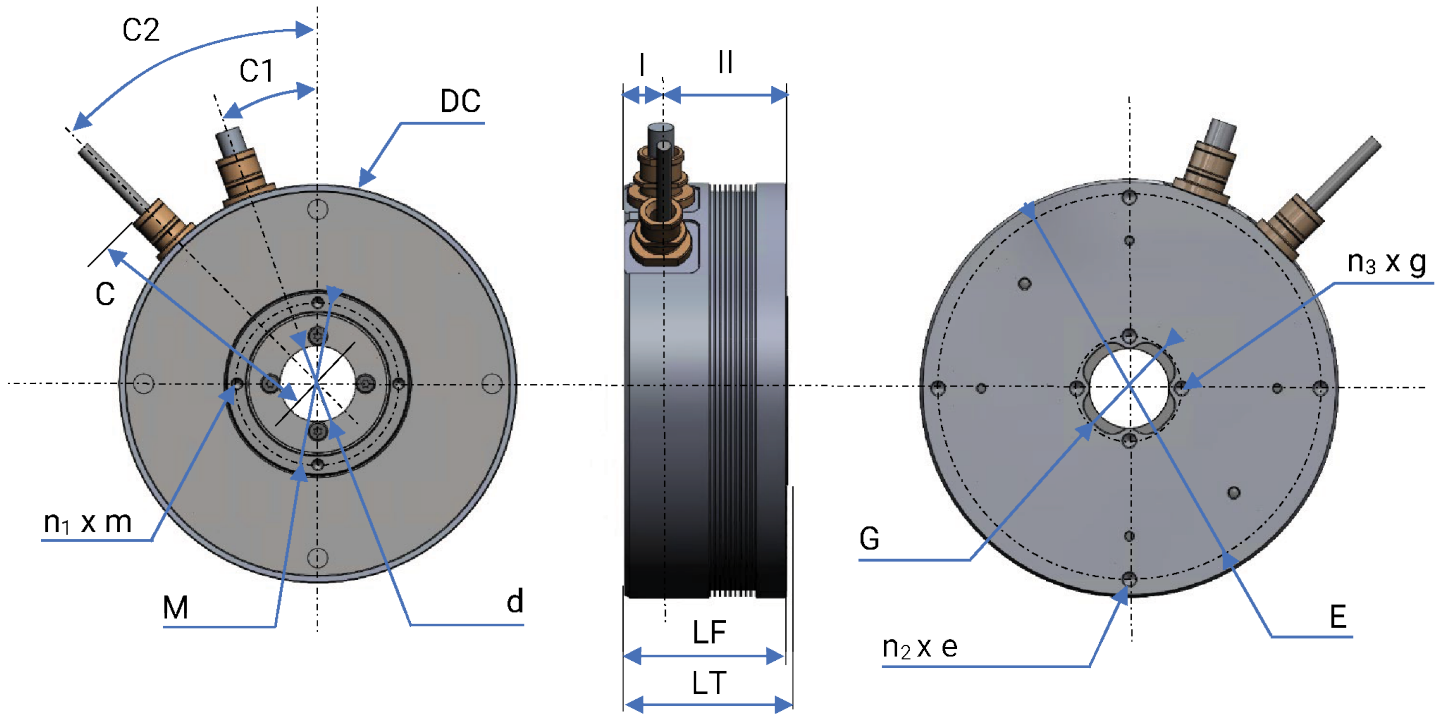


NEW COMPACT, RIGID AND ACCURATE HOLLOW SHAFT SERVOMOTOR FOR DEFENCE & SECURITY, AERONAUTIC, CIVIL AND SCIENTIFIC APPLICATIONS.

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	
SVM140 D S	140	55	78.75	6	M4	133	8	M4	62	4	M4	38	39.5	79	10	-10	8	30	1970
SVM140 D L	140	55	78.75	6	M4	133	8	M4	62	4	M4	38	39.5	79	10	-10	8	30	1340

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)
SVM140 D S	6000	85	860.10 ³
SVM140 D L			

Admissible load are given considering fixation on E diameter.

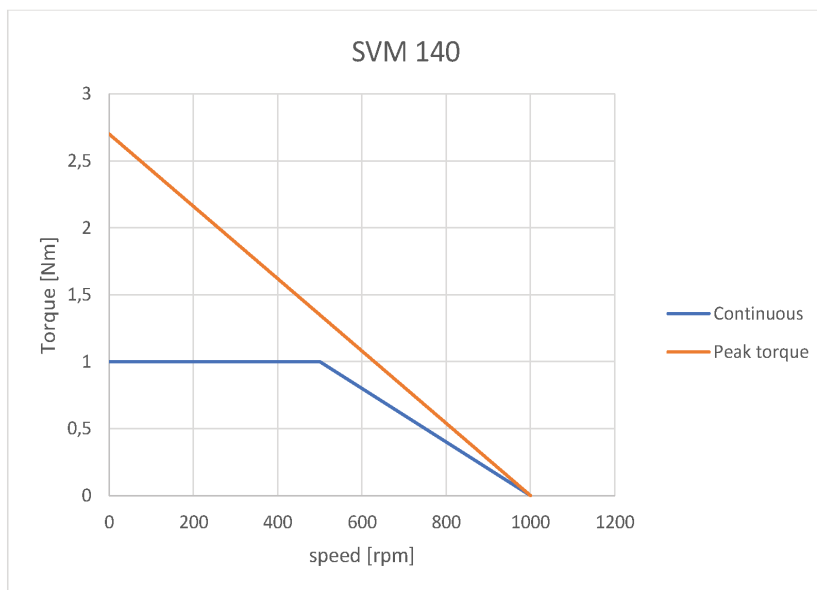
For higher load, please contact us.

Environment

	Minimum temperature (°C)	Maximum temperature (°C)
Operating	-40	+85*
Storage	-40	+105

**Depending of duty cycle*

ELECTRICAL DATA



Motor		
DC voltage	24	V
Continuous nominal	52	W
Peak Current	9.2	Arms
Nominal Current	3.4	Arms
Insulation class	F	
Terminal cross section	20	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	

For further information, please contact us.