



# SM60-EI

>> LOW COST CLEVER MOTOR

**Nuova linea di motori intelligenti  
con elettronica integrata 60 - 310 Vdc**



ENCODER ASSOLUTO STANDARD 12 bit

ANALOG INPUT  $\pm 10$ Vdc

STEP + DIR

MODBUS / CANBUS / ETHERCAT (optional)

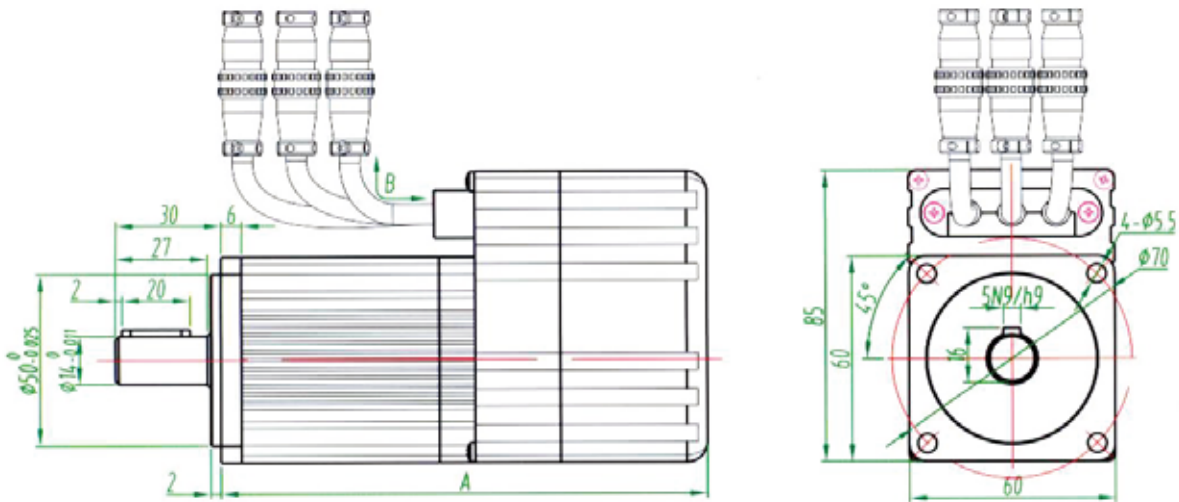
DC BUS 80 V

DA 0.32 a 1.27 Nm

**PREZZI A PARTIRE DA 150 €**



Model	ML 60-003-30 LCB			ML 60-006-30 LCB			ML 60-013-30 LCB	
Power (KW)	0.1			0.2			0.4	
Nominal torque (Nm)	0.32			0.64			1.27	
Nominal speed (rpm)	3000			3000			3000	
Nominal current (A)	2			4			6.5	
Rotor inertial (kg·m <sup>2</sup> )	0.02 x 10 <sup>-4</sup>			0.375 x 10 <sup>-4</sup>			0.51 x 10 <sup>-4</sup>	
Mechanical time constant (ms)	2.38			2.78			3.18	
Feedback	12 bit (magnetic absolute encoder)							
Encoder plug	SPI_CLK+	SPI_CLK-	SPI_CS+	SPI_CS-	SPI_D+	SPI_D-	5V	0V
Insulation class	F							
Protection degree	IP65							
Weight (kg)	0.7			1.2			1.7	



Power (KW)	0.1	0.2	0.4
A	129	144	174
B	500	500	500

Users can select all the parameters quickly and easily, detailed classification of the parameter settings will help users to get a maximize performance.

Through advanced PID control system, users can quickly adjust the loop parameters to achieve the ideal state.

Servofly can also auto tune the drive to the servo motor, and sets parameters automatically.

Servofly is advanced software to help customers tune, and program our range of servo drives to suit a wide variety of applications.

We will constantly improve the software and add more features, and make the software even more user friendly. Users can download the latest version from our official website.

