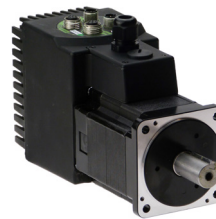
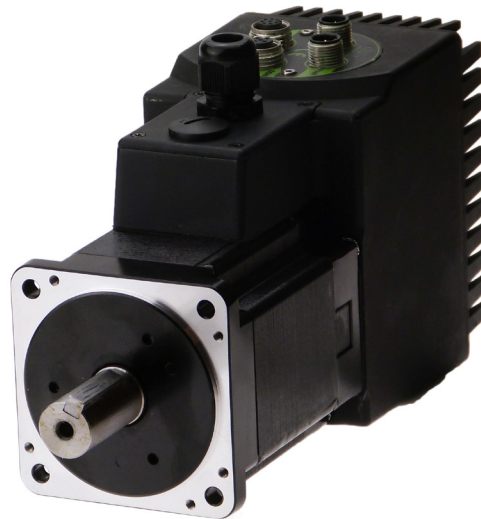


MAC1200 - AC-Servo Motor with Integrated Driver

The new MAC1200 integrated servo motor is based on the well proven MAC800 servo motor but offers a higher output power.

Read more about system and features, modes of operation and software in our MAC800 datasheet which can be found here at www.jvl.dk.



Overview - sub versions

	Encoder	IP	Brake	Length
MAC1200-D2-BAAJ	Singleturn	IP55	No	203,3 mm
MAC1200-D2-FAAJ	Abs. multiturn	IP55	No	203,3 mm
MAC1200-D6-BAAJ	Singleturn	IP66	Yes	238,3 mm
MAC1200-D6-FAAJ	Abs. multiturn	IP66	Yes	238,3 mm

Technical data

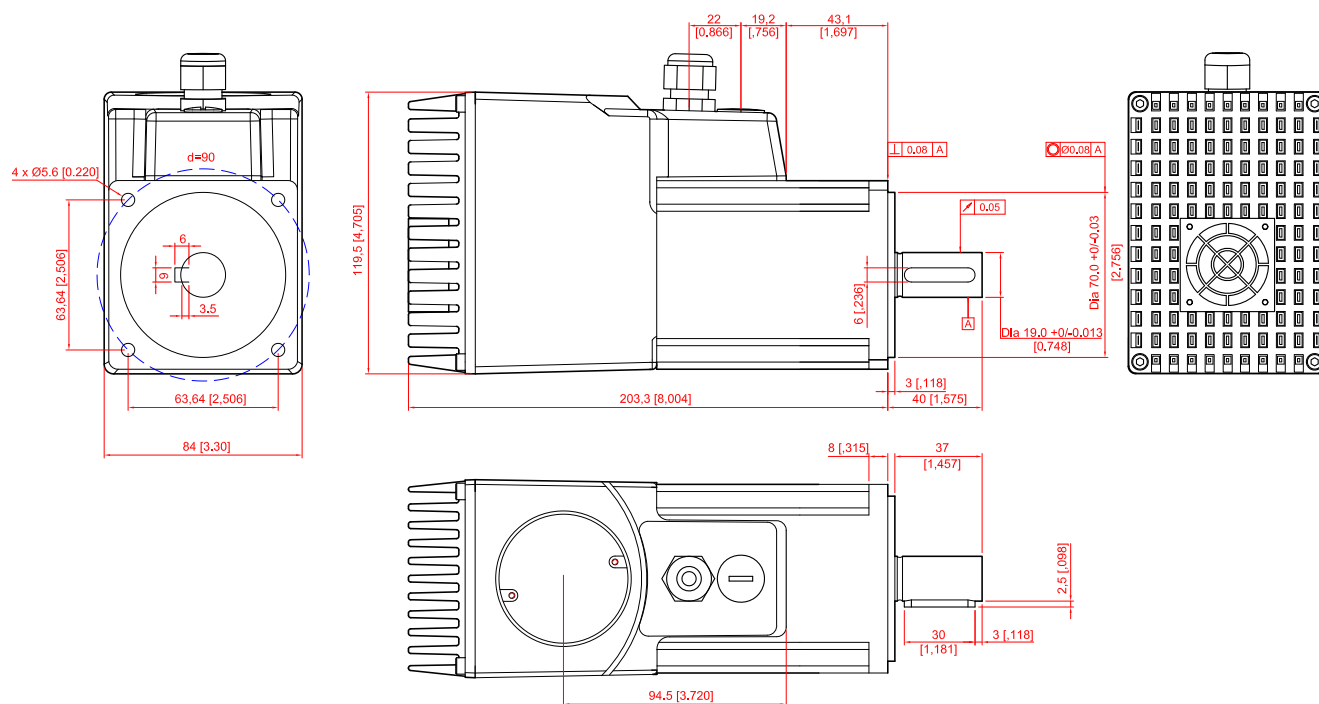
Supply voltage $\pm 10\%$	115/230/240 VAC
Speed range (nominal)	0-3000
Rated power @3000 RPM	1182 W
Cont. torque $T_a=40^\circ\text{C}$	3.82 Nm
Peak torque $T_a=40^\circ\text{C}$	11.46 Nm
Rotor inertia no brake/brake	1.6/1.9 kgcm ²
Encoder resolution (inc) (D2-Bxxx)	8000 CPR
Absolute encoder (single/turns) (D2-Fxxx)	8192 CPR*/4096 Rev.
Weight no brake/brake	4.01/5.05 Kg
Protection class	IP55 (IP66 optional)

Temperature trip level 84°C

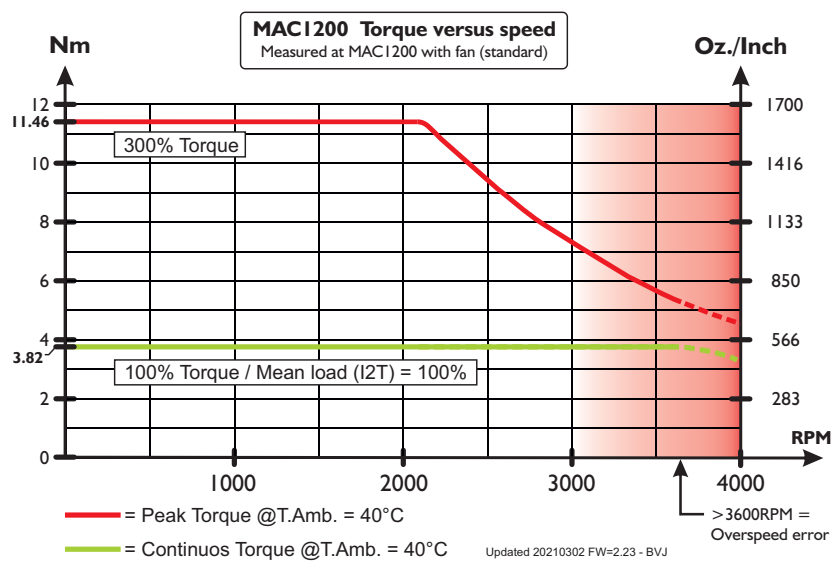
Ambient temperature 0-40°C

* Default. Can be rescaled to 8000 CPR/Rev.

Mechanical dimensions (without brake)



Motor Torque Specification



JVL
intelligent motors

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