

EU Declaration of Conformity



Trio Motion Technology Limited
 Shannon way
 Tewkesbury
 Gloucestershire
 GL20 8ND UK
 Tel: 01684 292333
 Fax: 01684 297929
 Registered Number: 2169624

This declaration of conformity is issued under the sole responsibility of the manufacturer, Trio Motion Technology Ltd. Shannon Way, Tewkesbury, Gloucestershire. GL20 8ND. UK

Brand Name: Trio Motion Technology

Product Type: Servo Motor - MXM Mid Inertia Motors

Part Number:	Model:	Description
M0600	MXM-30A1820FD223	MXM-30A1820FD223 Motor, 180mm Flange, 3kW, 14.3Nm, Inc 20 bit Encoder
M0601	MXM-30A1820FD243	MXM-30A1820FD243 Motor, 180mm Flange, 3kW, 14.3Nm, Inc 20 bit Encoder, Brake
M0602	MXM-30A1820LA223	MXM-30A1820LA223 Motor, 180mm Flange, 3kW, 14.3Nm, Abs 23 bit Encoder
M0603	MXM-30A1820LA243	MXM-30A1820LA243 Motor, 180mm Flange, 3kW, 14.3Nm, Abs 23 bit Encoder, Brake
M0604	MXM-20A1320FD223	MXM-20A1320FD223 Motor, 130mm Flange, 2kW, 9.55Nm, Inc 20 bit Encoder
M0605	MXM-20A1320FD243	MXM-20A1320FD243 Motor, 130mm Flange, 2kW, 9.55Nm, Inc 20 bit Encoder, Brake
M0606	MXM-20A1320LB223	MXM-20A1320LB223 Motor, 130mm Flange, 2kW, 9.55Nm, Abs 23 bit Encoder
M0607	MXM-20A1320LB243	MXM-20A1320LB243 Motor, 130mm Flange, 2kW, 9.55Nm, Abs 23 bit Encoder, Brake
M0612	MXM-15A1320FD223	MXM-15A1320FD223 Motor, 130mm Flange, 1.5kW, 7.16Nm, Inc 20 bit Encoder
M0613	MXM-15A1320FD243	MXM-15A1320FD243 Motor, 130mm Flange, 1.5kW, 7.16Nm, Inc 20 bit Encoder, Brake
M0614	MXM-15A1320LB223	MXM-15A1320LB223 Motor, 130mm Flange, 1.5kW, 7.16Nm, Abs 23 bit Encoder/
M0615	MXM-15A1320LB243	MXM-15A1320LB243 Motor, 130mm Flange, 1.5kW, 7.16Nm, Abs 23 bit Encoder, Brake
M0620	MXM-10A1320FD223	MXM-10A1320FD223 Motor, 130mm Flange, 1kW, 4.78Nm, Inc 20 bit Encoder
M0621	MXM-10A1320FD243	MXM-10A1320FD243 Motor, 130mm Flange, 1kW, 4.78Nm, Inc 20

		bit Encoder, Brake
M0622	MXM-10A1320LB223	MXM-10A1320LB223 Motor, 130mm Flange, 1kW, 4.78Nm, Abs 23 bit Encoder
M0623	MXM-10A1320LB243	MXM-10A1320LB243 Motor, 130mm Flange, 1kW, 4.78Nm, Abs 23 bit Encoder, Brake
M0767	MXM-09A1315LA224	MXM-09A1315LA224 Motor 130mm Flange, 850W, 200V, 5.41Nm, 1500rpm, 23bit Abs Enc
M0768	MXM-09A1315LA244	MXM-09A1315LA244 Motor 130mm Flange, 850W, 200V, 5.41Nm, 1500rpm, 23bit Abs Enc, Brake
M0769	MXM-13A1315LA224	MXM-13A1315LA224 Motor 130mm Flange, 1.3kW, 200V, 8.28Nm, 1500rpm, 23bit Abs Enc
M0770	MXM-09A1315TA224	MXM-13A1315LA244 Motor 130mm Flange, 1.3kW, 200V, 8.28Nm, 1500rpm, 23bit Abs Enc, Brake
M0790	MXM-09A1315TA244	MXM-09A1315TA224 Motor 130mm Flange, 850W, 200V, 5.41Nm, 1500rpm, 17bit Abs Enc
M0791	MXM-09D1315LA224	MXM-09A1315TA244 Motor 130mm Flange, 850W, 200V, 5.41Nm, 1500rpm, 17bit Abs Enc, Brake
M0792	MXM-09D1315LA244	MXM-09D1315LA224 Motor 130mm Flange, 850W, 400V, 5.41Nm, 1500rpm, 23bit Abs Enc
M0793	MXM-09D1315TA224	MXM-09D1315LA244 Motor 130mm Flange, 850W, 400V, 5.41Nm, 1500rpm, 23bit Abs Enc, Brake
M0794	MXM-09D1315TA244	MXM-09D1315TA224 Motor 130mm Flange, 850W, 400V, 5.41Nm, 1500rpm, 17bit Abs Enc
M0795	MXM-13A1315TA224	MXM-09D1315TA244 Motor 130mm Flange, 850W, 400V, 5.41Nm, 1500rpm, 17bit Abs Enc, Brake
M0796	MXM-13A1315TA244	MXM-13A1315TA224 Motor 130mm Flange, 1.3kW, 200V, 8.28Nm, 1500rpm, 17bit Abs Enc
M0797	MXM-13D1315LA224	MXM-13A1315TA244 Motor 130mm Flange, 1.3kW, 200V, 8.28Nm, 1500rpm, 17bit Abs Enc, Brake
M0798	MXM-13D1315LA244	MXM-13D1315LA224 Motor 130mm Flange, 1.3kW, 400V, 8.28Nm, 1500rpm, 23bit Abs Enc
M0799	MXM-13D1315TA224	MXM-13D1315LA244 Motor 130mm Flange, 1.3kW, 400V, 8.28Nm, 1500rpm, 23bit Abs Enc, Brake
M0803	MXM-13D1315TA244	MXM-13D1315TA224 Motor 130mm Flange, 1.3kW, 400V, 8.28Nm, 1500rpm, 17bit Abs Enc
M0804	MXM-18D1315LA224	MXM-13D1315TA244 Motor 130mm Flange, 1.3kW, 400V, 8.28Nm, 1500rpm, 17bit Abs Enc, Brake
M0805	MXM-18D1315LA244	MXM-18D1315LA224 Motor 130mm Flange, 1.8kW, 400V, 11.46Nm, 1500rpm, 23bit Abs Enc
M0806	MXM-18D1315TA224	MXM-18D1315LA244 Motor 130mm Flange, 1.8kW, 400V, 11.46Nm, 1500rpm, 23bit Abs Enc, Brake
M0807	MXM-18D1315TA244	MXM-18D1315TA224 Motor 130mm Flange, 1.8kW, 400V, 11.46Nm, 1500rpm, 17bit Abs Enc
M0808	MXM-29D1815LA224	MXM-18D1315TA244 Motor 130mm Flange, 1.8kW, 400V, 11.46Nm,

		1500rpm, 17bit Abs Enc, Brake
M0809	MXM-29D1815LA244	MXM-29D1815LA244 Motor 180mm Flange, 2.9kW, 400V, 18.6Nm, 1500rpm, 23bit Abs Enc
M0810	MXM-29D1815LA244	MXM-29D1815LA244 Motor 180mm Flange, 2.9kW, 400V, 18.6Nm, 1500rpm, 23bit Abs Enc, Brake
M0811	MXM-44D1815LA224	MXM-44D1815LA224 Motor 180mm Flange, 4.4kW, 400V, 28.4Nm, 1500rpm, 23bit Abs Enc
M0812	MXM-44D1815LA244	MXM-44D1815LA244 Motor 180mm Flange, 4.4kW, 400V, 28.4Nm, 1500rpm, 23bit Abs Enc, Brake
M0813	MXM-55D1815LA224	MXM-55D1815LA224 Motor 180mm Flange, 5.5kW, 400V, 35.0Nm, 1500rpm, 23bit Abs Enc
M0814	MXM-55D1815LA244	MXM-55D1815LA244 Motor 180mm Flange, 5.5kW, 400V, 35.0Nm, 1500rpm, 23bit Abs Enc, Brake
M0815	MXM-75D1815LA224	MXM-75D1815LA224 Motor 180mm Flange, 7.5kW, 400V, 48.0Nm, 1500rpm, 23bit Abs Enc
M0816	MXM-75D1815LA244	MXM-75D1815LA244 Motor 180mm Flange, 7.5kW, 400V, 48.0Nm, 1500rpm, 23bit Abs Enc, Brake
M0853	MXM-18A1315LA224	MXM-18A1315LA224 Motor 130mm Flange, 1.8kW, 200V, 11.46Nm, 1500rpm, 23bit Abs Enc
M0854	MXM-18A1315LA244	MXM-18A1315LA244 Motor 130mm Flange, 1.8kW, 200V, 11.46Nm, 1500rpm, 23bit Abs Enc, Brake
M0855	MXM-18A1315TA224	MXM-18A1315TA224 Motor 130mm Flange, 1.8kW, 200V, 11.46Nm, 1500rpm, 17bit Abs Enc
M0856	MXM-18A1315TA244	MXM-18A1315TA244 Motor 130mm Flange, 1.8kW, 200V, 11.46Nm, 1500rpm, 17bit Abs Enc, Brake
M0857	MXM-29D1815TA224	MXM-29D1815TA224 Motor 180mm Flange, 2.9kW, 400V, 18.6Nm, 1500rpm, 17bit Abs Enc
M0859	MXM-44D1815TA224	MXM-44D1815TA224 Motor 180mm Flange, 4.4kW, 400V, 28.4Nm, 1500rpm, 17bit Abs Enc
M0860	MXM-44D1815TA244	MXM-44D1815TA244 Motor 180mm Flange, 4.4kW, 400V, 28.4Nm, 1500rpm, 17bit Abs Enc, Brake
M0861	MXM-55D1815TA224	MXM-55D1815TA224 Motor 180mm Flange, 5.5kW, 400V, 35.0Nm, 1500rpm, 17bit Abs Enc
M0862	MXM-55D1815TA244	MXM-55D1815TA244 Motor 180mm Flange, 5.5kW, 400V, 35.0Nm, 1500rpm, 23bit Abs Enc, Brake
M0863	MXM-75D1815TA224	MXM-75D1815TA224 Motor 180mm Flange, 7.5kW, 400V, 48.0Nm, 1500rpm, 17bit Abs Enc
M0864	MXM-75D1815TA244	MXM-75D1815TA244 Motor 180mm Flange, 7.5kW, 400V, 48.0Nm, 1500rpm, 23bit Abs Enc, Brake

Product Type: Servo Motor - MXL Low Inertia Motors

Part Number:	Model:	Description
M0628	MXL-10A0830FA222	MXL-10A0830FA222 Motor, 80mm Flange, 1kW, 3.18Nm, Inc 20 bit Encoder
M0629	MXL-10A0830FA242	MXL-10A0830FA242 Motor, 80mm Flange, 1kW, 3.18Nm, Inc 20 bit Encoder, Brake
M0630	MXL-10A0830LA222	MXL-10A0830LA222 Motor, 80mm Flange, 1kW, 3.18Nm, Abs 23 bit Encoder
M0631	MXL-10A0830LA242	MXL-10A0830LA242 Motor, 80mm Flange, 1kW, 3.18Nm, Abs 23 bit Encoder, Brake
M0636	MXL-08A0830FA222	MXL-08A0830FA222 Motor, 80mm Flange, 0.75kW, 2.39Nm, Inc 20 bit Encoder
M0637	MXL-08A0830FA242	MXL-08A0830FA242 Motor, 80mm Flange, 0.75kW, 2.39Nm, Inc 20 bit Encoder, Brake
M0638	MXL-08A0830LA222	MXL-08A0830LA222 Motor, 80mm Flange, 0.75kW, 2.39Nm, Abs 23 bit Encoder
M0639	MXL-08A0830LA242	MXL-08A0830LA242 Motor, 80mm Flange, 0.75kW, 2.39Nm, Abs 23 bit Encoder, Brake
M0644	MXL-04A0630FA222	MXL-04A0630FA222 Motor, 60mm Flange, 0.4kW, 1.27Nm, Inc 20 bit Encoder
M0645	MXL-04A0630FA242	MXL-04A0630FA242 Motor, 60mm Flange, 0.4kW, 1.27Nm, Inc 20 bit Encoder, Brake
M0646	MXL-04A0630LA222	MXL-04A0630LA222 Motor, 60mm Flange, 0.4kW, 1.27Nm, Abs 23 bit Encoder
M0647	MXL-04A0630LA242	MXL-04A0630LA242 Motor, 60mm Flange, 0.4kW, 1.27Nm, Abs 23 bit Encoder, Brake
M0652	MXL-02A0630FA222	MXL-02A0630FA222 Motor, 60mm Flange, 0.2kW, .637Nm, Inc 20 bit Encoder
M0653	MXL-02A0630FA242	MXL-02A0630FA242 Motor, 60mm Flange, 0.2kW, .637Nm, Inc 20 bit Encoder, Brake
M0654	MXL-02A0630LA222	MXL-02A0630LA222 Motor, 60mm Flange, 0.2kW, .637Nm, Abs 23 bit Encoder
M0655	MXL-02A0630LA242	MXL-02A0630LA242 Motor, 60mm Flange, 0.2kW, .637Nm, Abs 23 bit Encoder, Brake
M0756	MXL-01A0430LA222	MXL-01A0430LA222 Motor, 40mm Flange, 0.1kW, .318Nm, Abs 23 bit Encoder
M0757	MXL-01A0430LA242	MXL-01A0430LA242 Motor, 40mm Flange, 0.1kW, .318Nm, Abs 23 bit Encoder, Brake
M0758	MXL-A5A0430LA222	MXL-A5A0430LA222 Motor, 40mm Flange, 0.05kW, .159Nm, Abs 23 bit Encoder
M0759	MXL-A5A0430LA242	MXL-A5A0430LA242 Motor, 40mm Flange, 0.05kW, .159Nm, Abs 23 bit Encoder, Brake
M0761	MXL-15A1030LB224	MXL-15A1030LB224 Motor, 100mm Flange, 1.5kW, 4.78Nm, Abs 23

		bit Encoder
M0762	MXL-15A1030LB244	MXL-15A1030LB244 Motor, 100mm Flange, 1.5kW, 4.78Nm, Abs 23 bit Encoder, Brake
M0763	MXL-20A1030LB224	MXL-20A1030LB244 Motor, 100mm Flange, 2kW, 6.37Nm, Abs 23 bit Encoder, Brake
M0764	MXL-20A1030LB244	MXL-20A1030LB224 Motor, 100mm Flange, 2kW, 6.37Nm, Abs 23 bit Encoder
M0765	MXL-30A1330LA224	MXL-30A1330LA224 Motor, 130mm Flange, 3kW, 9.8Nm, Abs 23 bit Encoder
M0766	MXL-30A1330LA244	MXL-30A1330LA244 Motor, 130mm Flange, 3kW, 9.8Nm, Abs 23 bit Encoder, Brake
M0772	MXL-20D1030LB244	MXL-20D1030LB244 Motor 100mm Flange, 2kW, 400V, 6.37Nm, 3000rpm, 23bit Abs Enc, Brake
M0773	MXL-15A1030TB224	MXL-15A1030TB224 Motor 100mm Flange, 1.5kW, 200V, 4.78Nm, 3000rpm, 17bit Abs Enc
M0774	MXL-15A1030TB244	MXL-15A1030TB244 Motor 100mm Flange, 1.5kW, 200V, 4.78Nm, 3000rpm, 17bit Abs Enc, Brake
M0775	MXL-15D1030LB224	MXL-15D1030LB224 Motor 100mm Flange, 1.5kW, 400V, 4.78Nm, 3000rpm, 23bit Abs Enc
M0776	MXL-15D1030LB244	MXL-15D1030LB244 Motor 100mm Flange, 1.5kW, 400V, 4.78Nm, 3000rpm, 23bit Abs Enc, Brake
M0777	MXL-15D1030TB224	MXL-15D1030TB224 Motor 100mm Flange, 1.5kW, 400V, 4.78Nm, 3000rpm, 17bit Abs Enc
M0778	MXL-15D1030TB244	MXL-20A1030TB224 Motor 100mm Flange, 2kW, 200V, 6.37Nm, 3000rpm, 17bit Abs Enc
M0779	MXL-20A1030TB224	MXL-20A1030TB244 Motor 100mm Flange, 2kW, 200V, 6.37Nm, 3000rpm, 17bit Abs Enc, Brake
M0780	MXL-20A1030TB244	MXL-20D1030LB224 Motor 100mm Flange, 2kW, 400V, 6.37Nm, 3000rpm, 23bit Abs Enc
M0781	MXL-20D1030LB224	MXL-20D1030LB244 Motor 100mm Flange, 2kW, 400V, 6.37Nm, 3000rpm, 23bit Abs Enc, Brake
M0782	MXL-20D1030TB224	MXL-20D1030TB224 Motor 100mm Flange, 2kW, 400V, 6.37Nm, 3000rpm, 17bit Abs Enc
M0783	MXL-20D1030TB244	MXL-20D1030TB244 Motor 100mm Flange, 2kW, 400V, 6.37Nm, 3000rpm, 17bit Abs Enc, Brake
M0784	MXL-30D1330LB224	MXL-30D1330LA224 Motor 130mm Flange, 3kW, 400V, 9.8Nm, 3000rpm, 23bit Abs Enc
M0785	MXL-30D1330LB244	MXL-30D1330LA244 Motor 130mm Flange, 3kW, 400V, 9.8Nm, 3000rpm, 23bit Abs Enc, Brake
M0786	MXL-40D1330LB224	MXL-40D1330LA224 Motor 130mm Flange, 4kW, 400V, 12.6Nm, 3000rpm, 23bit Abs Enc
M0787	MXL-40D1330LB244	MXL-40D1330LA244 Motor 130mm Flange, 4kW, 400V, 12.6Nm, 3000rpm, 23bit Abs Enc, Brake
M0788	MXL-50D1330LB224	MXL-50D1330LA224 Motor 130mm Flange, 5kW, 400V, 15.8Nm,

		3000rpm, 23bit Abs Enc
M0789	MXL-50D1330LB244	MXL-50D1330LA244 Motor 130mm Flange, 5kW, 400V, 15.8Nm, 3000rpm, 23bit Abs Enc, Brake

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

Directives 2011/65/EU (RoHS2) and of 2015/863 (RoHS3) the European Parliament and of the Council the Restriction of the use of certain Hazardous Substances in electrical and electronic equipment.

Directive 2014/30/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility.

Directive 2014/35/EU of the European Parliament and of the Council of 20 April 2016 on the Low Voltage Directive - ensures that electrical equipment within certain voltage limits

The accredited laboratory, TÜV Rheinland, Nürnberg, applied the following standards:

EN 61000-6-2:2005 Electromagnetic Compatibility (EMC) Part 6-2: Generic standard - Immunity for industrial environments.

EN 61000-6-4:2007+A1:2011 Electromagnetic Compatibility (EMC) Part 6-4: Generic standard – Emission standard for industrial environments

EN 60034-1:2010 – Rotating electrical machines - Part 1: Rating and performance

EN 60034-5:2001+A1:2007 - Rotating electrical machines - Part 5: Degrees of protection provided by the integral design of rotating electrical machines (IP code)

The Certification body:

TÜV Rheinland LGA Products GmbH- Tillystrabe 904311 Nürnberg

Have tested and issued the corresponding Test Report numbers:

- CN217PF 0032 (**Electromagnetic compatibility**),
- 50147185 011 (**Low Voltage Directive**)
- 244364451d 002 (**RoHS**)

Revised information shown in Italics

Signed for and on behalf of:

Trio Motion Technology Ltd
Shannon Way
Tewkesbury
Gloucestershire
GL20 8ND UK

10th July 2023

Signature



Trevor Green
Quality & Customer Services Manager