

# CERTIFICATE OF COMPLIANCE

**Certificate Number** E504007  
**Report Reference** E504007-20191206  
**Issue Date** 2020-JANUARY-20

**Issued to:** Mini Motor S.p.A.  
Via E Fermi 5  
42011 Bagnolo In Piano Re ITALY

**This certificate confirms that  
representative samples of**

COMPONENT - SERVO AND STEPPER MOTORS  
USR, CNR – Recognized Component – Class F Insulated  
servo motor Motor model(s) series DBS, DBSE, MCDBS  
and MCEDBS (see addendum).

Have been investigated by UL in accordance with the  
component requirements in the Standard(s) indicated on  
this Certificate. UL Recognized components are incomplete  
in certain constructional features or restricted in  
performance capabilities and are intended for installation in  
complete equipment submitted for investigation to UL LLC.

**Standard(s) for Safety:** UL 1004-1 Rotating Electrical Machines – General  
Requirements  
UL 1004-6 Servo and Stepper Motors  
CSA C22.2 No. 100 Motors and Generators

**Additional Information:** See the UL Online Certifications Directory at  
<https://iq.ulprospector.com> for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only  
the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified  
and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>

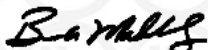


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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Series	Basic Model	Vdc	Rated/Stall Torque [Nm]	Pout (W)	Rated/Stall Current [A]	Rated Speed [rpm]	Phase	Enclosure
DBS	DBS 55/50	24	0.4/0.4	125	8.0/2.3	3000	3	Totally enclosed
	DBS 55/50	48	0.4/0.4	125	4.0/1.15	3000	3	Totally enclosed
	DBS 55/100	48	0.75/0.75	235	6.0/1.24	3000	3	Totally enclosed
DBSE	DBS 55/50	24	Max 17.7/17.7	125	8.0/2.3	600-61	3	Totally enclosed
	DBS 55/50	48	Max 17.7/17.7	125	4.0/1.15	600-61	3	Totally enclosed
	DBS 55/100	48	Max 33.2/17.7	235	6.0/1.24	600-61	3	Totally enclosed
MCDBS	DBS 55/50	24	Max 10/10	125	8.0/2.3	600-37.5	3	Totally enclosed
	DBS 55/50	48	Max 10/10	125	4.0/1.15	600-37.5	3	Totally enclosed
	DBS 55/100	48	Max 12/12	235	6.0/1.24	600-75	3	Totally enclosed
MCEDBS	DBS 55/50	24	Max 23.5/23.5	125	8.0/2.3	80-7.5	3	Totally enclosed
	DBS 55/50	48	Max 23.5/23.5	125	4.0/1.15	80-7.5	3	Totally enclosed



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