



Underwriters Laboratories Inc.®

File E191510

Vol 1

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FOLLOW-UP SERVICE PROCEDURE
(TYPE R)

COMPONENT - MOTORS
(PRGY2)

Manufacturer: NORD MOTORIDUTTORI S R L
(521460-001) VIA MODENA 14
40019 S AGATA BOLOGNESE
BOLOGNE ITALY

Applicant: SAME AS MANUFACTURER
(521460-001)

Recognized Company: SAME AS MANUFACTURER
(521460-001)

This Procedure authorizes the above Manufacturer to use the marking specified by Underwriters Laboratories Inc. only on products covered by this Procedure, in accordance with the applicable Follow-Up Service Agreement.

The prescribed Mark or Marking shall be used only at the above manufacturing location on such products which comply with this Procedure and any other applicable requirements.

The Procedure contains information for the use of the above named Manufacturer and representatives of Underwriters Laboratories Inc. and is not to be used for any other purpose. It is lent to the Manufacturer with the understanding that it is not to be copied, either wholly or in part, and that it will be returned to Underwriters Laboratories Inc. upon request.

This PROCEDURE, and any subsequent revisions, is the property of UNDERWRITERS LABORATORIES INC. and is not transferable.

UNDERWRITERS LABORATORIES INC.

A.W. Schaefer
Vice President and General Manager
Laboratory Management and Operations

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<u>Model Number</u>	<u>Section</u>	<u>Report Date</u>	<u>Approvals</u>
Models 63S, 63L, 71S, 71L, 80S, 80L, 80LH, 90S, 90SH, 90L, 90LH, 100L, 100LA, 100LB, 100LH, 112M, 112SH, 112MB, 112MH, 132S, 132SH, 132M, 132MH.	1	12-8-98	A

Approval Abbreviation:

- A - Evaluated to United States Standards Only - Recognized
- B - Evaluated to United States and Canadian National Standards - Recognized
- C - Evaluated to Canadian National Standards Only - Recognized

DESCRIPTION

PRODUCT COVERED:

USR - Component motor construction, Models 63S, 63L, 71S, 71L, 80S, 80L, 80LH, 90S, 90SH, 90L, 90LH, 100L, 100LA, 100LB, 100LH, 112M, 112SH, 112MB, 112MH, 132S, 132SH, 132M, 132MH.

All Model numbers followed by additional numbers and letters. Refer to MOTOR NOMENCLATURE DESIGNATION for details.

ELECTRICAL RATINGS:

All models are rated max 600V, 50/60 Hz, output Max 9.2 KW, Class F.

ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE:

Conditions of Acceptability - These components are for use only in end-products where the acceptability of the combination has been determined by Underwriters Laboratories Inc. In determining the acceptability of the combination, consideration should be given to the following.

1. The motors in this report employ a Class F (155C) insulation system only.
2. This report covers only the general construction features on the motors and no evaluation on the performance characteristics has been made. Therefore, the acceptability of these motors when operating under normal or abnormal conditions within an appliance or enclosure has not been investigated and should be judged for each application.
3. The Recognition of these motors covered by this Report is based upon the assurance of the manufacturer that the specific motor model number will change if any significant construction variations are made. Because of this, it is necessary that the complete motor model (i.e. 100L/80-20 CUS BRE 40TF KW 0.55/2.2) be included in the appliance Report, along with the complete nameplate electrical ratings and significant construction features that can be determined by inspection, without disassembly of the motor.

TABLE 1

2 POLES THREE PHASES					
Models number	Max Output (KW)	Rotor		Stator	
		Length (mm)	Diameter (mm)	Length (mm)	Diameter (mm)
63S/2	0.18	45	50	45	90
63L/2	0.25	60	50	60	90
71S/2	0.37	50	55	50	110
71L/2	0.55	65	55	65	110
80S/2	0.75	62	62	60	120
80L/2	1.1	80	62	80	120
90S/2	1.5	75	70	75	135
90L/2	2.2	100	70	100	135
90L/20	3	125	70	125	135
100L/2	3	90	80	90	150
100L/20	4	120	80	120	150
100LB/2	5.5	150	80	150	150
112M/2	4	110	90	110	173
112M/20	5.5	140	90	110	173
132S/2	5.5	90	110	90	200
132S/20	7.5	120	110	120	200

TABLE 2

4 POLES THREE PHASES					
Models number	Max Output (KW)	Rotor		Stator	
		Length (mm)	Diameter (mm)	Length (mm)	Diameter (mm)
63S/4	0.12	45	50	45	90
63L/4	0.18	60	50	60	90
71S/4	0.25	50	66	50	110
71L/4	0.37	60	66	60	110
80S/4	0.55	60	70	60	120
80L/4	0.75	80	70	80	120
80LH/4	0.75	105	70	105	120
90S/4	1.1	75	80	75	135
90SH/4	1.1	110	80	110	135
90L/4	1.5	100	80	100	135
90LH/4	1.5	125	80	125	135
100L/4	2.2	90	90	90	150
100LH/4	2.2	150	90	150	150
112SH/4	2.2	130	103	130	173
100L/40	3.0	135	135	135	150
100LB/4	3.75	150	90	150	150
112M/4	4.0	130	103	130	173
112MH/4	4.0	140	103	140	173
112M/40	5.5	140	103	140	173
112MB/4	6.3	160	103	160	173