Maximum mass for motor assembly 600 kg.
Maximim weight from motor assembly according to point W 1600 kg.

During the initial installation place 2 mm shims under the feet of the motor. The customer is responsible for the design and construction of the foundation. It shall be sufficiently rigid to withstand short circuit forces. To avoid resonance vibrations the foundation shall be designed so that the natural frequency of foundation together with machine is not within ±20% of running speed frequency. The customer is also responsible for lateral and torsional critical speed analysis of the complete installation.

Bearing 6318N/C3
Insulated 6318N/C3 (optional)
Terminal box for control cable ø10-14.4x20x1.5
Larger terminal box (optional)
Spin nipple IE and NDE
PT-100 for bearings (optional)
Intermediate box
Free distance for cooling
Terminal box for heating element cable ø10-14.4x20x1.5 (optional)
Greasing nipple IE and NDE
Earthling M12, for M30N max 150 mm²
Transportation cover, three (3) leads out 1.5 m, six (6) leads out (optional)

Before commissioning, terminal arrangement shall be such that the stator connection cables are covered with earthed protective structure (e.g. main terminal box and adequate intermediate box).

Main terminal boxes are not included in motor manufacturer's delivery.

Main terminal boxes must fill following requirements:
- For explosive environments ex certified
- Enclosure IP55 or higher acc. to site conditions

ABB oy, Electrical Machines, Helsinki

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Figure 1: Motor Assembly Diagram

Dimensions:
- Width: 1055 mm
- Height: 851 mm

Specifications:
- Motor Type: 13 EM 315 A / 315
- Frame Size: B35
- Insulation Grade: B
- Code: A3

Sheet: 1/1

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Note: The diagram includes detailed dimensions and specifications for the motor assembly, including bearing details, terminal box options, and safety features. The text provides instructions for installation and commissioning, emphasizing the importance of structural integrity and proper connection methods.