



US00D857628S

(12) **United States Design Patent** (10) **Patent No.:** **US D857,628 S**
Chen et al. (45) **Date of Patent:** **** Aug. 27, 2019**

(54) **HELICAL GEAR MOTOR**
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(**) Term: **15 Years**

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(21) Appl. No.: **29/609,038**

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(22) Filed: **Jun. 28, 2017**

(51) **LOC (12) Cl.** **13-01**

(52) **U.S. Cl.**
USPC **D13/112; D15/148**

(58) **Field of Classification Search**
USPC D12/114, 124; D13/101, 112, 113, 114, D13/199; D15/1-5, 7, 148, 149
CPC Y02T 10/6217; Y02T 10/6234; Y02T 10/7077; B60K 6/442; B60L 11/123; B60L 11/14

See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a helical gear motor, as shown and described.

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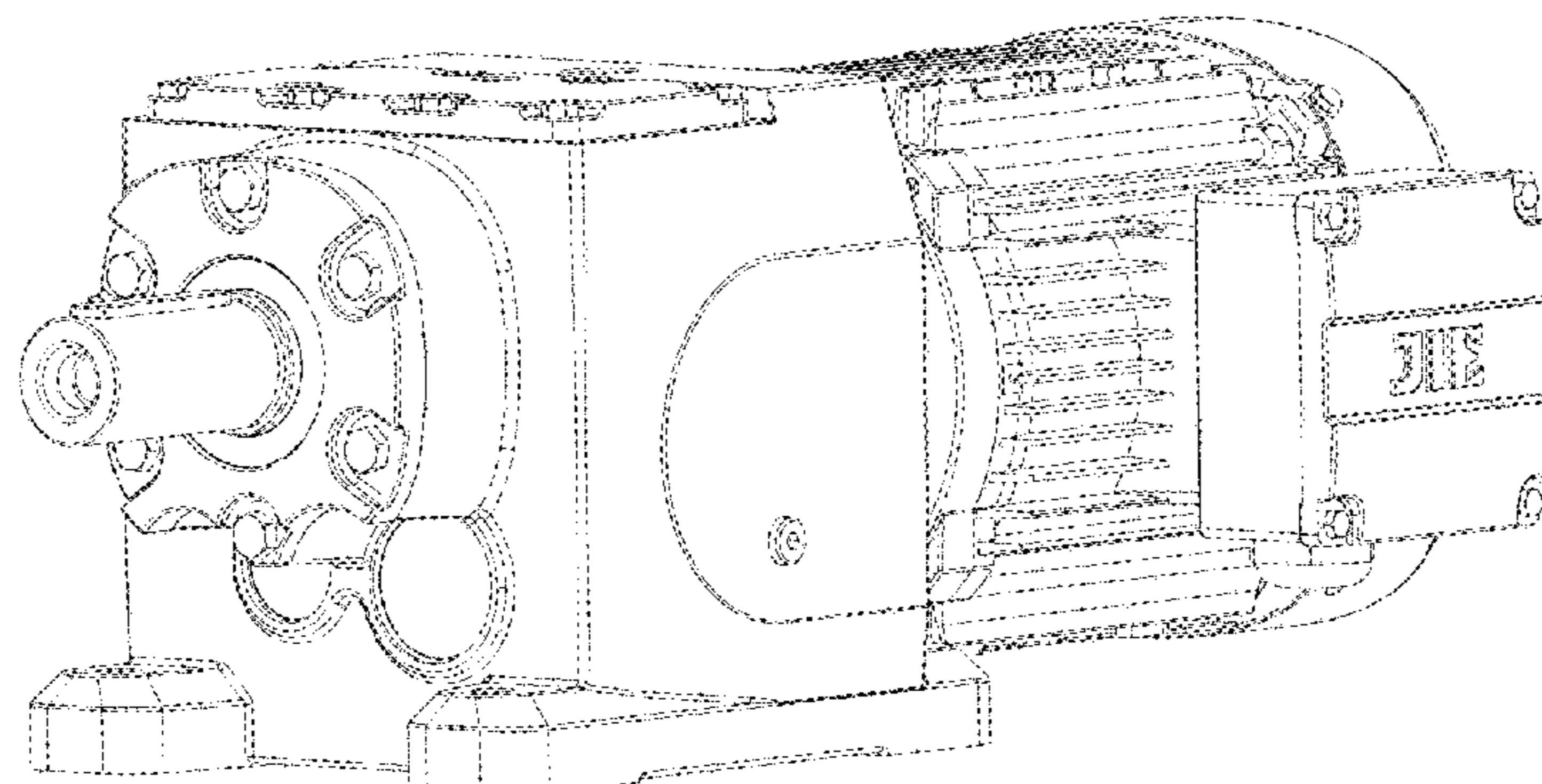
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DESCRIPTION

FIG. 1 is a perspective view of a helical gear motor showing our new design;
FIG. 2 is another perspective view thereof;
FIG. 3 is a front elevational view thereof;
FIG. 4 is a rear elevational view thereof;
FIG. 5 is a top plan view thereof;
FIG. 6 is a bottom plan view thereof;
FIG. 7 is a left side view in enlarge scale thereof; and,
FIG. 8 is a right side view in enlarge scale thereof.
The broken lines show portions of a helical gear motor that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



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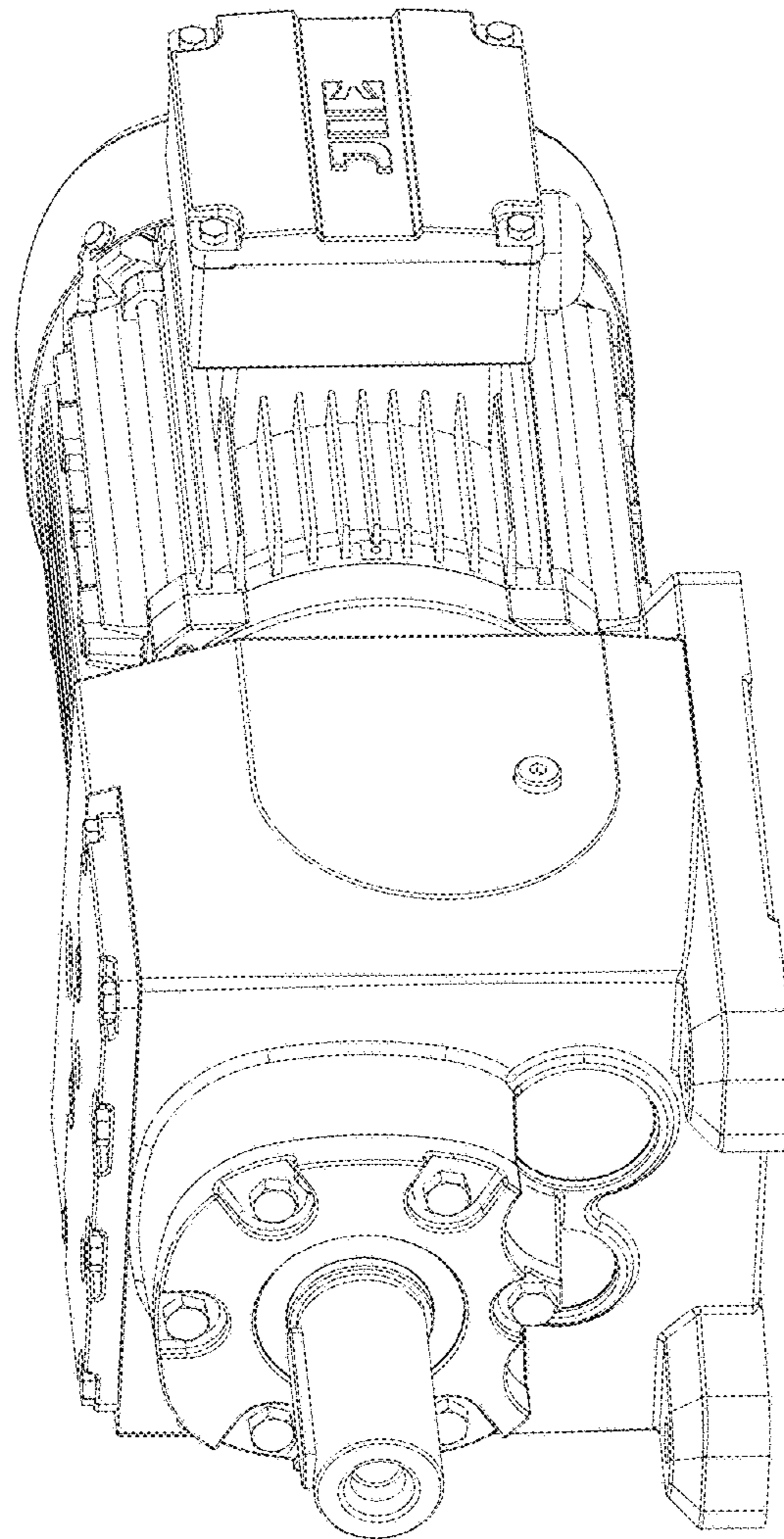


Fig. 1

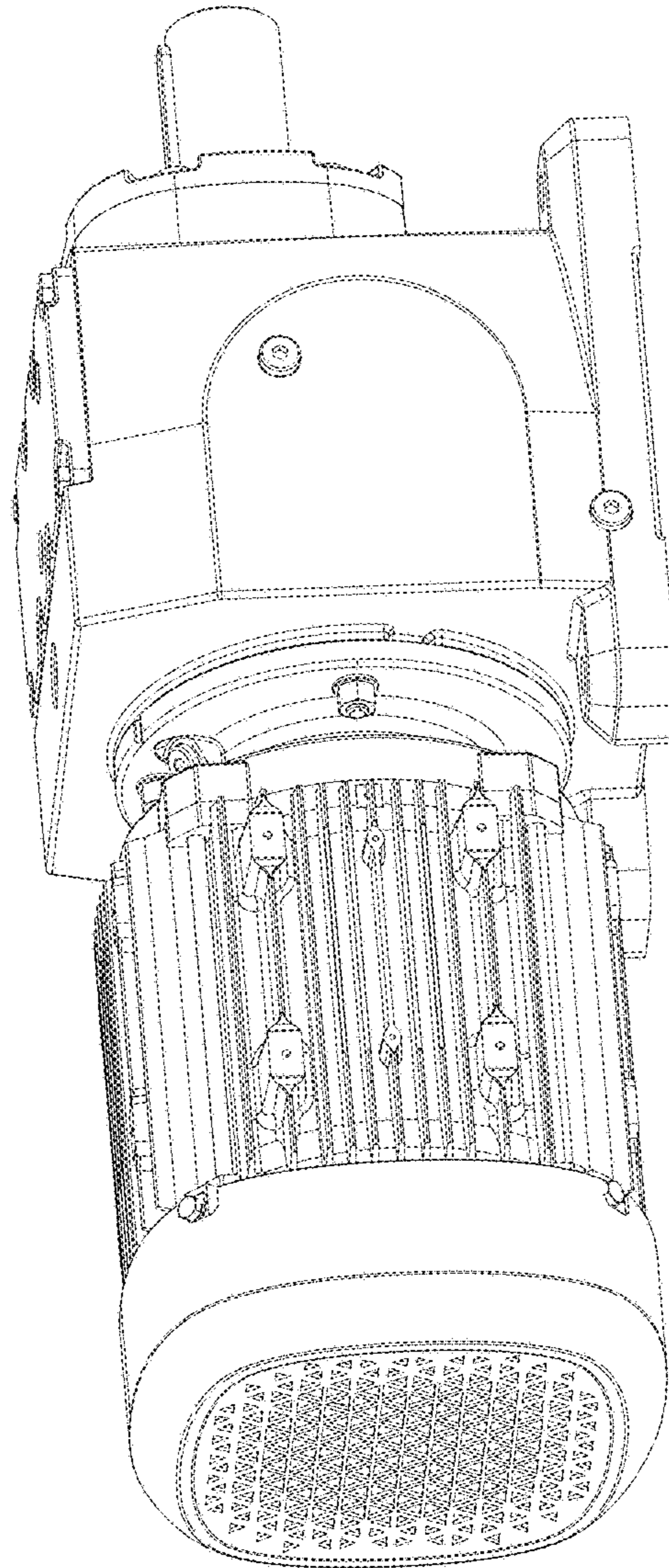


Fig. 2

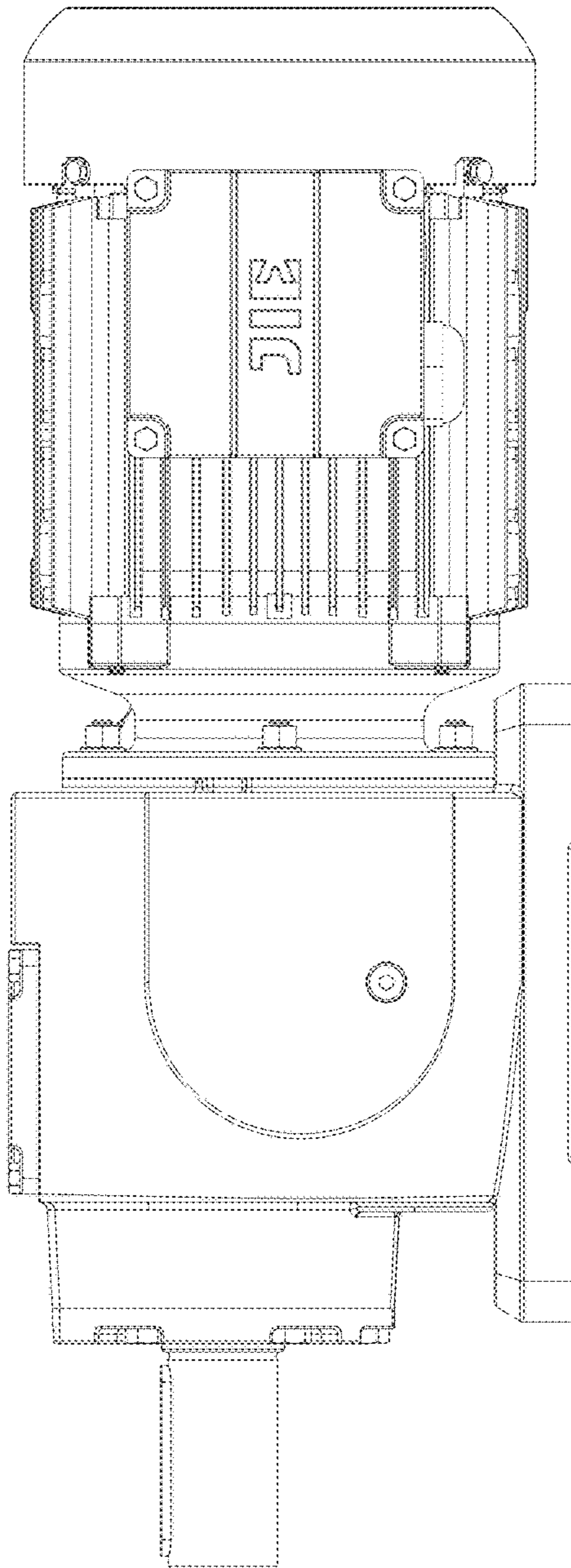


Fig. 3

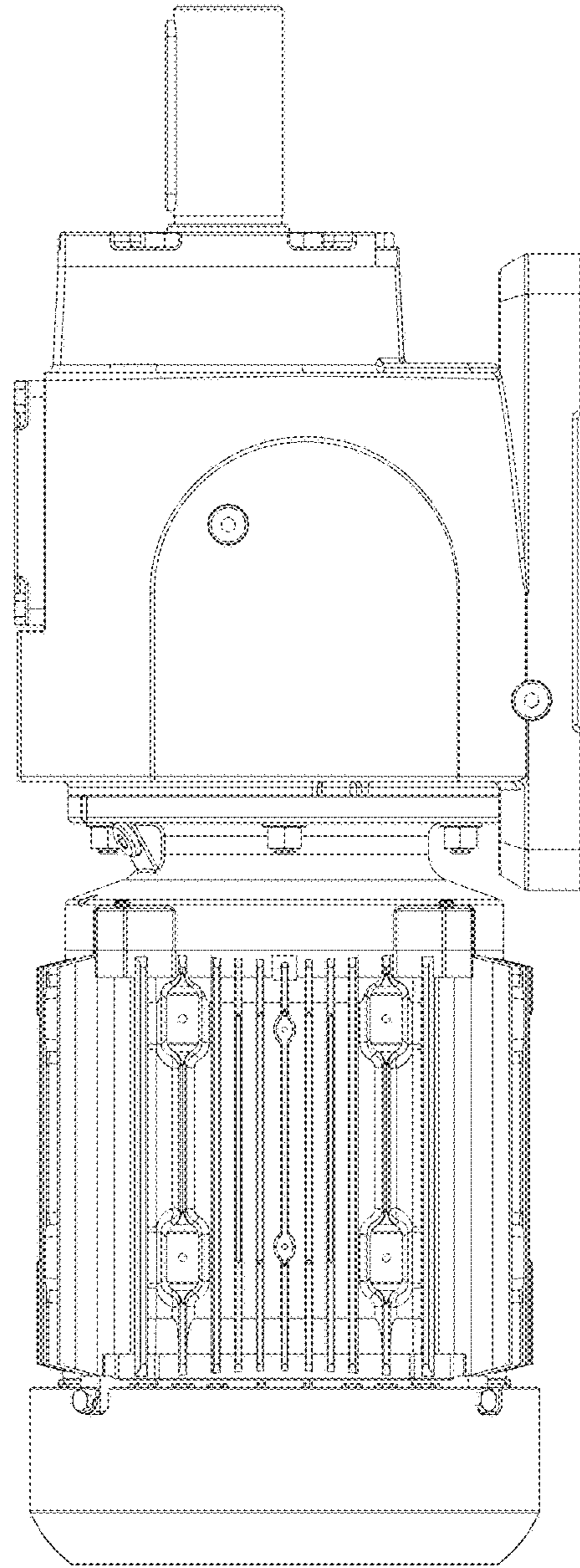


Fig. 4

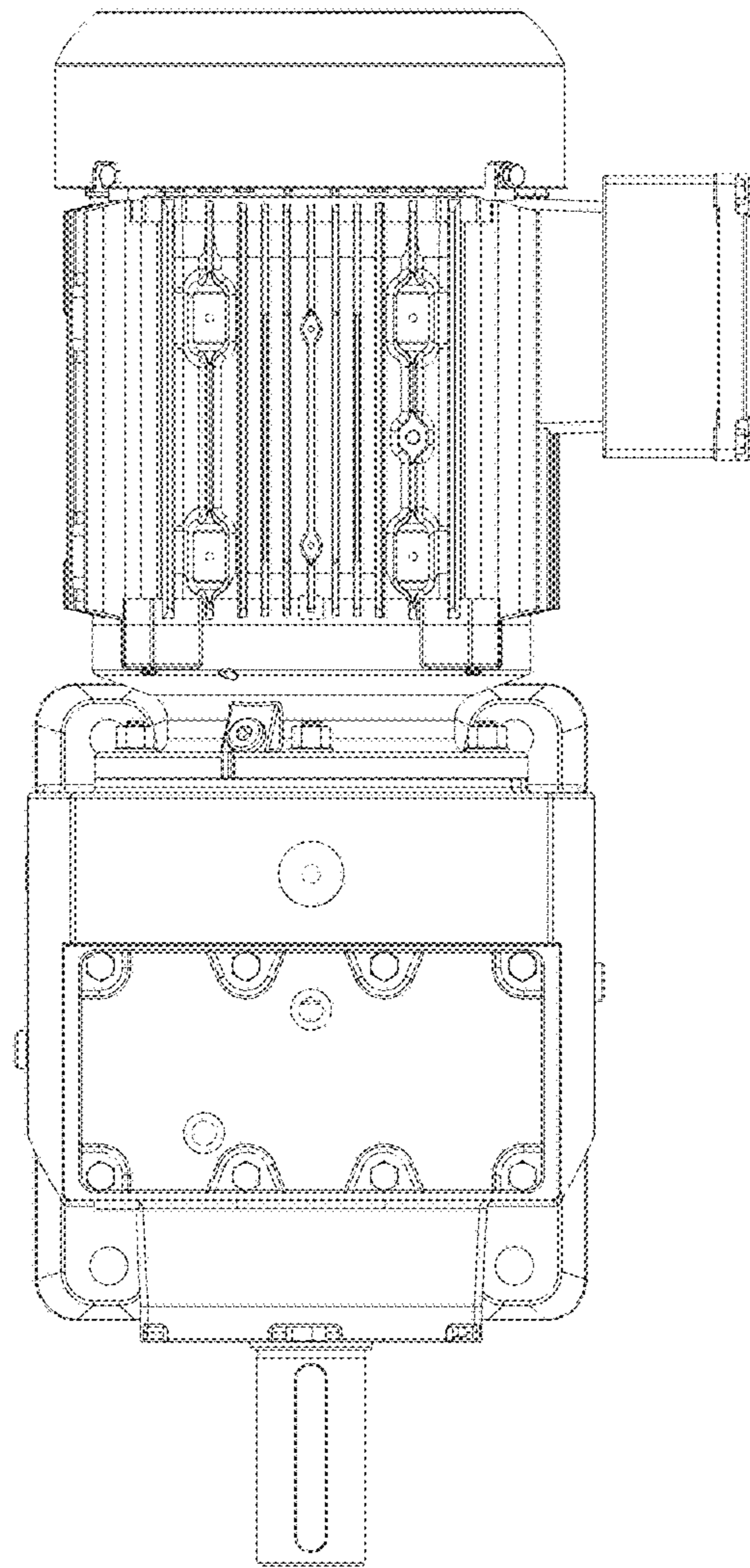


Fig. 5

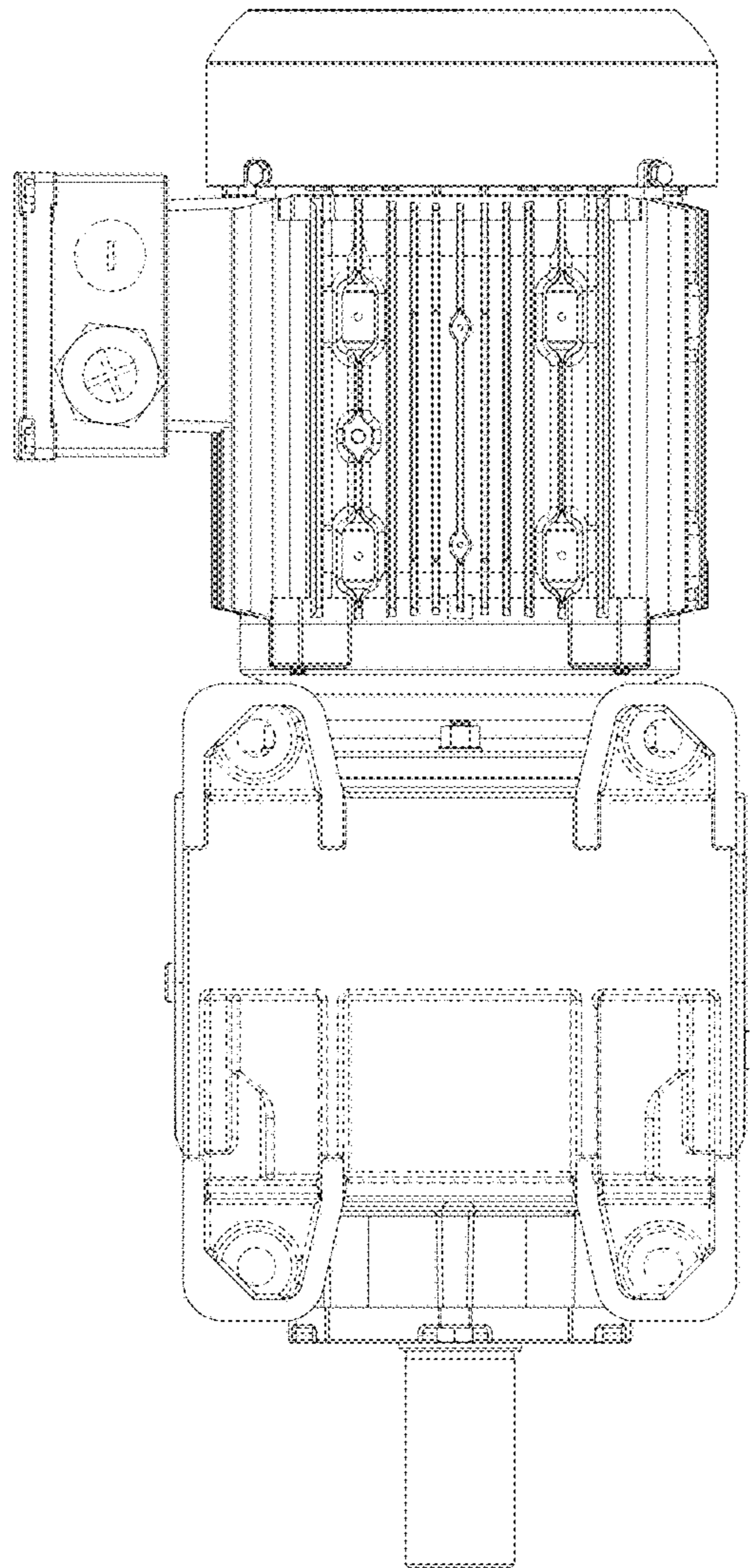


Fig. 6

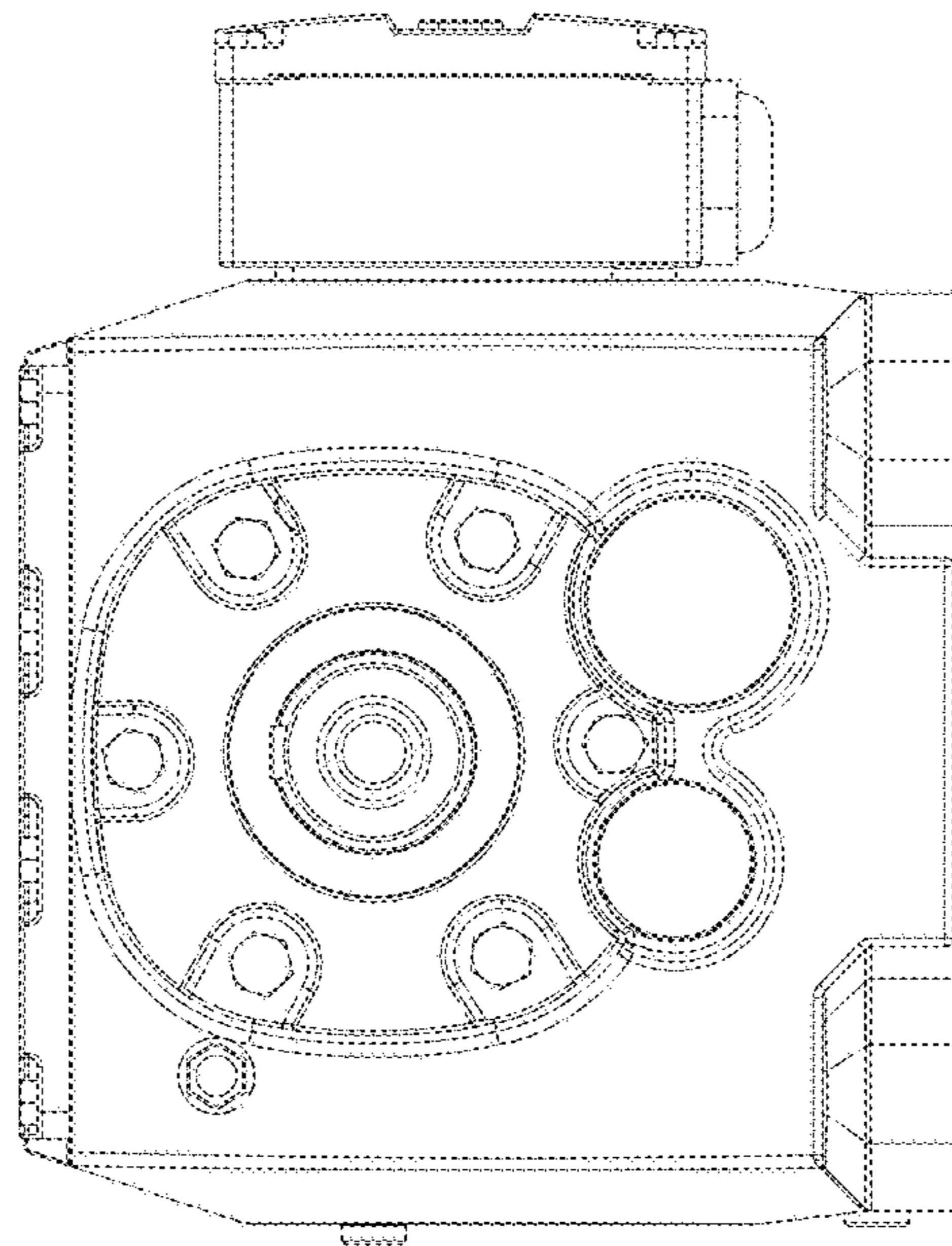


Fig. 7

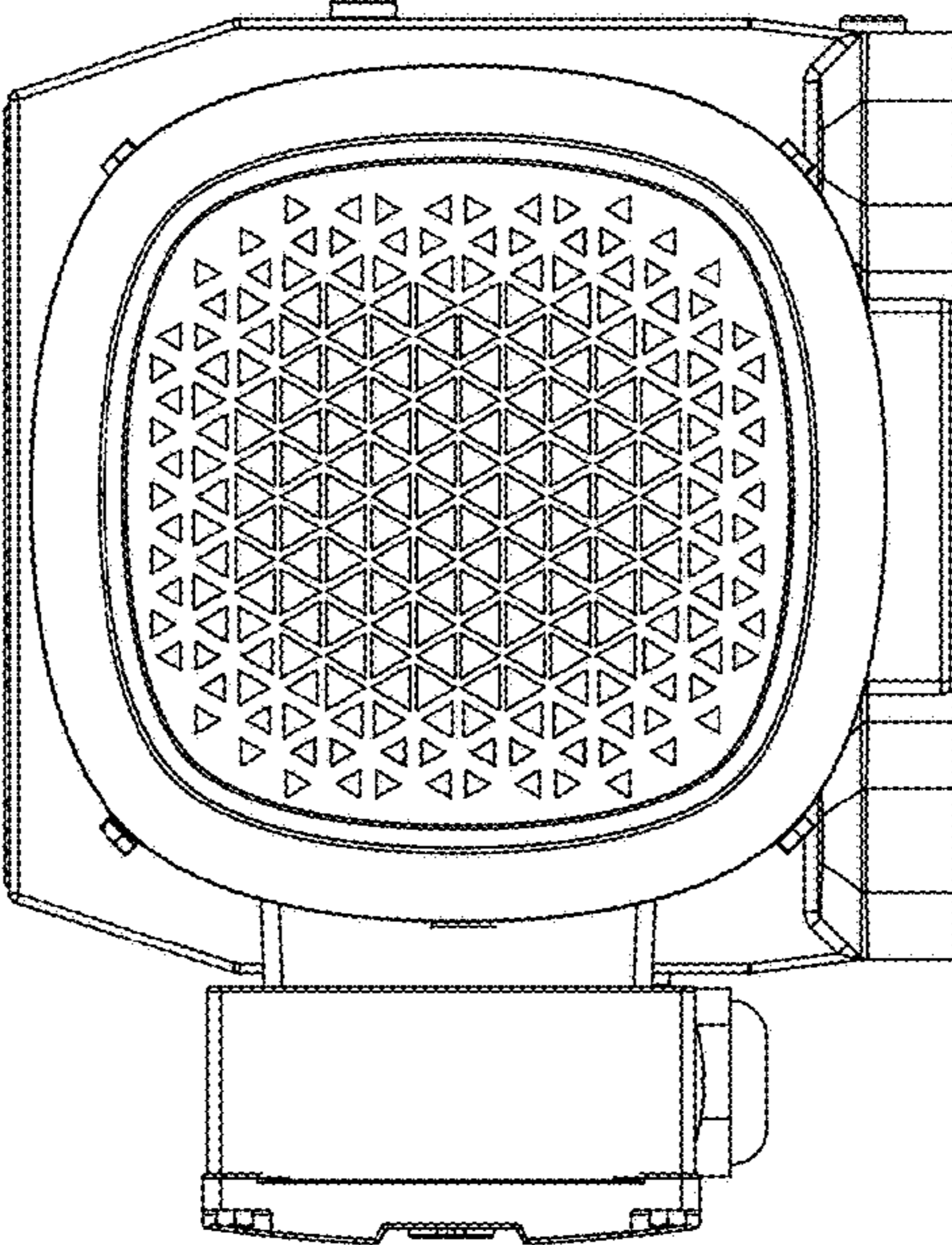


Fig. 8