Additional Instructions for Installation of ROBA-stop®-silenzio® Type 896.006.33 Size 100

(E079 07 057 000 4 EN)

Design according to
Drawing number: E079 07 057 000 2 10 Article numbers: 8220959 and 8255894
Drawing number: E079 07 057 000 2 11 Article number: 8265851

Please read and observe these Additional Instructions carefully!
These Additional Instructions are a supplement to the standard brake Installation and Operational Instructions. Please observe also the Safety Regulations and Protective Measures in the Installation and Operational Instructions.
Ignoring these Instructions may lead to malfunctions or to brake failure, resulting in damage to other parts.

Parts Deviating from the Standard:

(A) Hub (bore 44G7 and keyway DIN6885/1)

(B) Hub (bore 40G7 and keyway DIN6885/1)

(C) Distance sleeve

(D) Locking ring 40 x 1,75

(E) Ball bearing compensation disk Ø 45 x 54 x 0,5

(F) Flange plate

(G) Cap screw M14 x 30

(H) Cover

Deviating Installation (Figs. 1 and 2)

1. Remove the flange plate (F) from the brake.
2. Insert a customer-side provided key into the shaft (Ø 44).
3. Mount the flange plate (F), with recess/inner centring first, onto the motor flange using 3 cap screws (G). Please observe the **tightening torque of 130 Nm**.
4. Push the hub (A) with the inserted O-ring (Item 2 / O-ring must be greased lightly) correctly positioned, with the short toothing length first, onto the shaft up to contact shaft shoulder.
5. Push rotor 1 (5) by hand over the O-ring (2) onto the hub (A) using light pressure (the rotor collar faces away from the flange plate). Please make sure that the toothing moves easily. Do not damage the O-ring.
6. Push the distance sleeve (C) onto the shaft.
7. Push the ball bearing compensation disk (E), see Fig. 1 / detail X, onto the shaft.
8. Insert the customer-side key into the shaft (Ø 40).
9. Push the hub (B) with the inserted O-ring (Item 2 / O-ring must be greased lightly) correctly positioned, with recess Ø 44 first, onto the shaft up to contact ball bearing compensation disk (E).
10. Mount the locking ring (D).
11. Push brake body 1 over the hub (1) and the rotor collar of rotor 1 (5). The fixing holes must align with the threaded holes in the flange plate (F).
12. Push rotor 2 (5.1) by hand over the O-ring (2) onto the hub (B) using light pressure, so that the friction lining of rotor 2 (5.1) lies against brake body 1 (the rotor collar faces away from the flange plate).
    Please make sure that the toothing moves easily. Do not damage the O-ring.
13. Insert the hexagon head screws (8) with the mounted washers (8.2) into the bores in brake body 2, join with brake body 1 and screw onto the flange plate (F).
    Tighten the hexagon head screws (8) evenly all around using a torque wrench and a **tightening torque of 36 Nm**.
14. Check air gaps "a". The **nominal air gap 0,5 ±0,07 mm** must be given.
15. Check the hand release function. Required hand release force approx. 200 N.
16. Mount the covers (H).
17. Produce the electrical connection.

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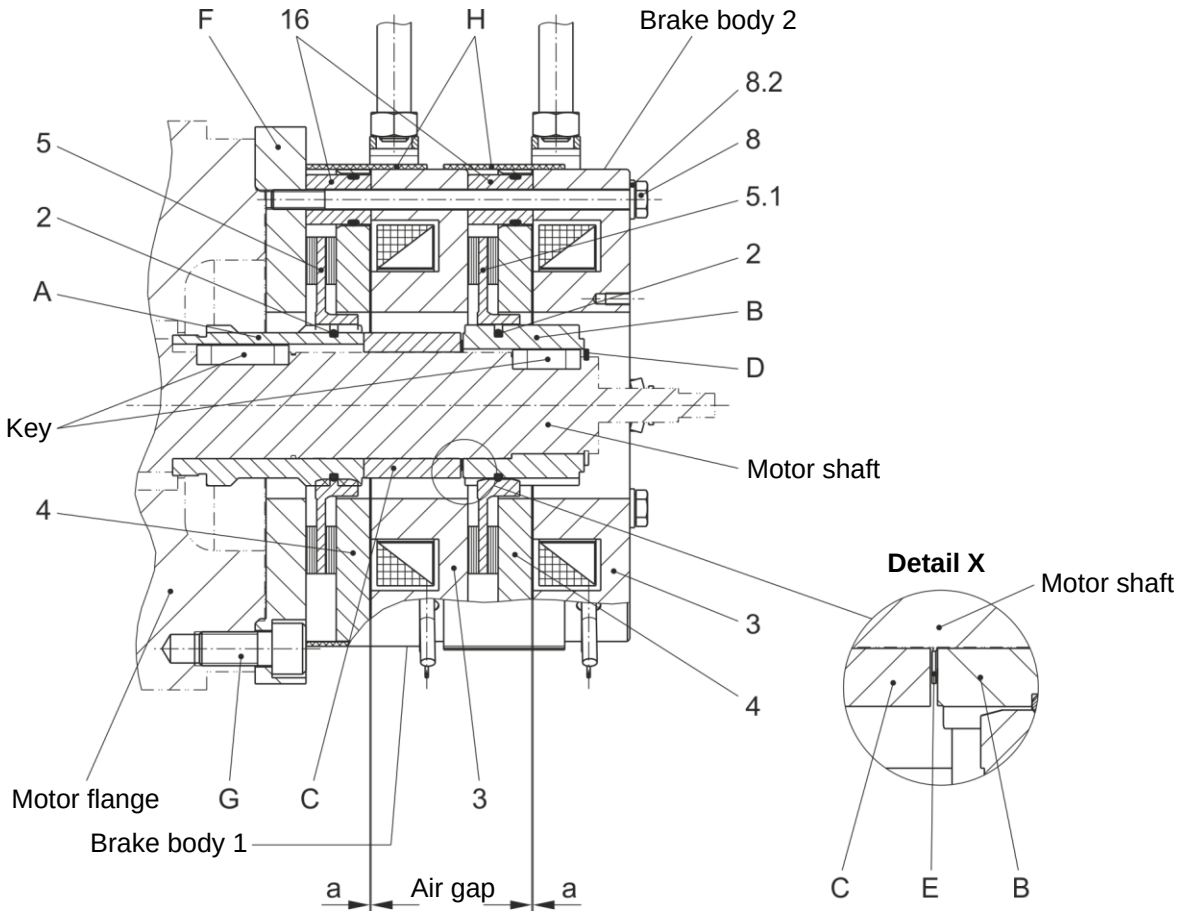

Fig. 1

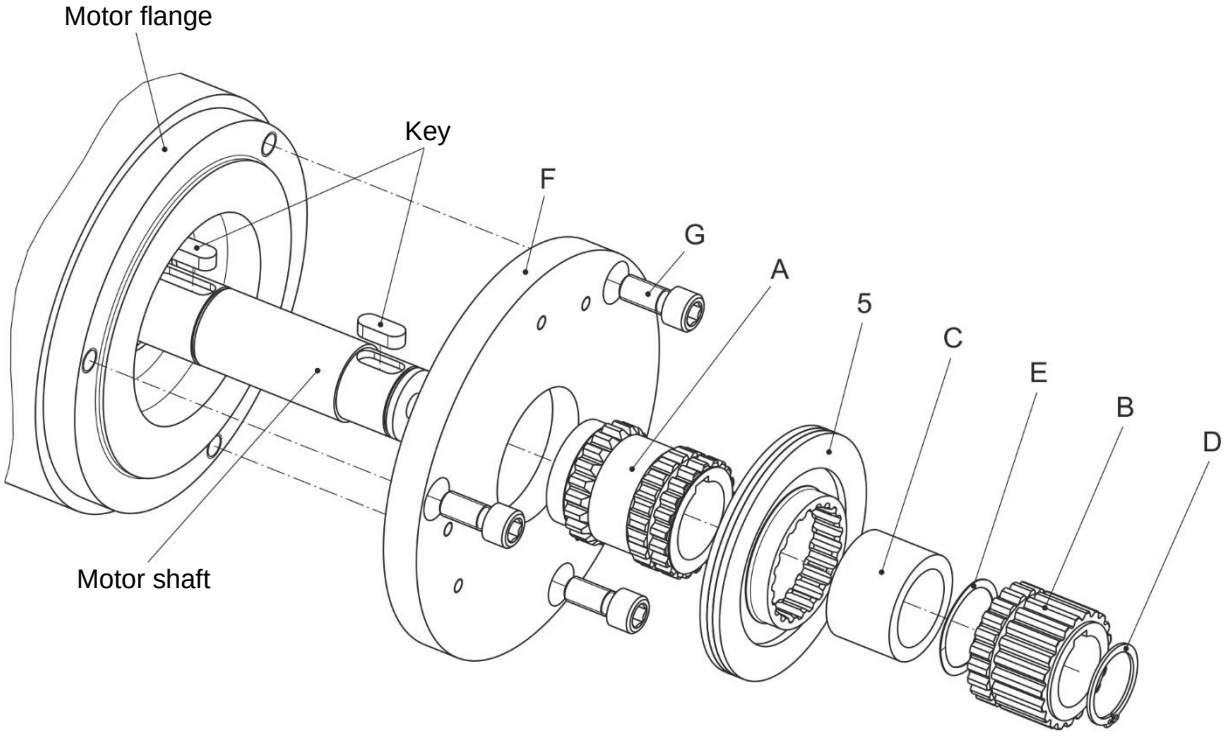

Fig. 2

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