

|                        |        |     |
|------------------------|--------|-----|
| MODELO                 | FA42   |     |
| Ø VEIO SAÍDA           | 30     | mm  |
| RÁCIO APROXIMADO       | 17     |     |
| RÁCIO EXATO            | 17.57  |     |
| VELOCIDADE SAÍDA       | 86     | RPM |
| VELOCIDADE SAÍDA EXATA | 83     | RPM |
| POTÊNCIA ENTRADA       | 2.20   | KW  |
| ROTAÇÃO ENTRADA        | 1400   | RPM |
| PAM ENTRADA            | 100B14 |     |
| TORQUE SAÍDA           | 253.11 | N.m |
| TORQUE NOMINAL         | 270.00 | N.m |
| POTÊNCIA NOMINAL       | 2.3    | KW  |
| FATOR SERVIÇO          | 1.05   |     |
| EFICIÊNCIA DINÂMICA    | 0.96   |     |



#### QUANTIDADE DE ÓLEO (L)

| B3/H1 | B6/H4 | B7/H3 | B8/H2 | V5/H5 | V6/H6 |
|-------|-------|-------|-------|-------|-------|
| 1.15  | 0.7   | 0.7   | 0.7   | 1.2   | 0.8   |

#### CARGAS RADIAIS E AXIAIS



| $n_2$ [min-1] | FA [N] | FR [N] |
|---------------|--------|--------|
| 300           | 300    | 1500   |
| 200           | 350    | 1750   |
| 120           | 410    | 2050   |
| 15            | 800    | 4000   |

**9.0 kg**

**On request**  
A richiesta

Technical drawing of the 1000 Series Motor Mounting Bracket. The drawing includes three views: a side view, a front view, and a detail view of the mounting hole.

**Side View Dimensions:**

- Overall width:  $A$
- Top flange width: 40
- Top flange hole diameter:  $\varnothing 11$
- Motor mounting hole diameter:  $\varnothing 95 \text{ f7}$
- Motor mounting hole depth: 3.5
- Motor mounting hole offset: 5
- Motor mounting hole diameter:  $\varnothing 45$
- Motor mounting hole length: 110
- Motor mounting hole offset: 8
- Motor mounting hole diameter: 25H7
- Motor mounting hole offset: 5
- Motor mounting hole diameter: 160
- Motor mounting hole offset: 269
- Motor mounting hole offset: 123
- Motor mounting hole offset:  $\varnothing F$

**Front View Dimensions:**

- Top flange width: 18
- Motor mounting hole diameter:  $\varnothing 95 \text{ f7}$
- Motor mounting hole depth: 3.5
- Motor mounting hole offset: 5
- Motor mounting hole diameter:  $\varnothing 45$
- Motor mounting hole length: 110
- Motor mounting hole offset: 8
- Motor mounting hole diameter: 25H7
- Motor mounting hole offset: 5
- Motor mounting hole diameter: 160
- Motor mounting hole offset: 269
- Motor mounting hole offset: 123
- Motor mounting hole offset:  $\varnothing F$

**Detail View Dimensions:**

- Motor mounting hole diameter:  $\varnothing 95 \text{ f7}$
- Motor mounting hole depth: 3.5
- Motor mounting hole offset: 5
- Motor mounting hole diameter:  $\varnothing 45$
- Motor mounting hole length: 110
- Motor mounting hole offset: 8
- Motor mounting hole diameter: 25H7
- Motor mounting hole offset: 5
- Motor mounting hole diameter: 160
- Motor mounting hole offset: 269
- Motor mounting hole offset: 123
- Motor mounting hole offset:  $\varnothing F$

The technical drawing shows two views of the B7000-10000 series ball bearing unit:

- Side View (Top):** Shows the overall profile of the unit. Key dimensions include a total width of 149 mm, a mounting flange thickness of 5 mm, and a distance from the centerline to the outer edge of the mounting flange of 86 mm.
- Front View (Bottom):** Shows the cross-section of the unit. It features two shaft bores with a diameter of  $\varnothing 30\text{ H7}$ . The distance between the inner faces of the shaft bores is 134.5 mm. Each shaft bore has a shoulder width of 35 mm.