

Technical Data Sheet
Gearbox
SHAFT MOUNTED



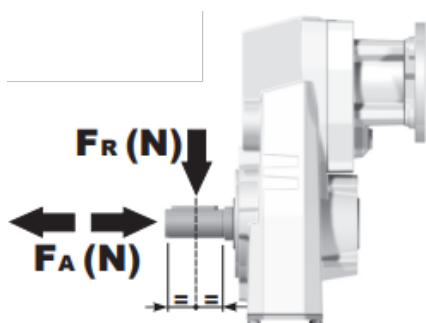
MODEL	FA42	
Ø OUTPUT SHAFT	30	mm
APPROXIMATE RATIO	53	
EXACT RATIO	52.53	
OUTPUT SPEED	28	RPM
EXACT OUTPUT SPEED	28	RPM
INPUT POWER	0.37	KW
INPUT ROTATION	1400	RPM
INPUT PAM	71B14	
OUTPUT TORQUE	127.27	N.m
NOMINAL TORQUE	260.00	N.m
NOMINAL POWER	0.76	KW
SERVICE FACTOR	2.05	
DYNAMIC EFFICIENCY	0.96	



Oil Quantity (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

Radial and Axial Loads



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

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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: $\phi 11$
- Motor mounting hole diameter: $\phi 95 \text{ f7}$
- Motor mounting hole offset from left face: 3.5
- Motor mounting hole offset from right face: 5
- Motor mounting hole offset from bottom face: 110
- Motor mounting hole offset from top face: 160
- Motor mounting hole offset from right face: 123
- Motor mounting hole offset from top face: ϕF

Front View Dimensions:

- Top flange width: 18
- Motor mounting hole diameter: $\phi 95 \text{ f7}$
- Motor mounting hole offset from left face: 3.5
- Motor mounting hole offset from right face: 5
- Motor mounting hole offset from bottom face: 110
- Motor mounting hole offset from top face: 160
- Motor mounting hole offset from right face: 123
- Motor mounting hole offset from top face: ϕF

Detail View Dimensions:

- Mounting hole diameter: $\phi 15$
- Mounting hole offset from left face: 110
- Mounting hole offset from right face: 110
- Mounting hole offset from bottom face: 110
- Mounting hole offset from top face: 160
- Mounting hole offset from right face: 123
- Mounting hole offset from top face: ϕF

Other Dimensions:

- Overall width: 178
- Motor mounting hole offset from left face: 115
- Motor mounting hole offset from right face: 115
- Motor mounting hole offset from bottom face: 88
- Motor mounting hole offset from top face: 160
- Motor mounting hole offset from right face: 123
- Motor mounting hole offset from top face: ϕF

Notes:

- 4 holes $M8 \times 15$
- 25H7
- 1000 Series Motor Mounting Bracket