

Technical Data Sheet
Gearbox
SHAFT MOUNTED



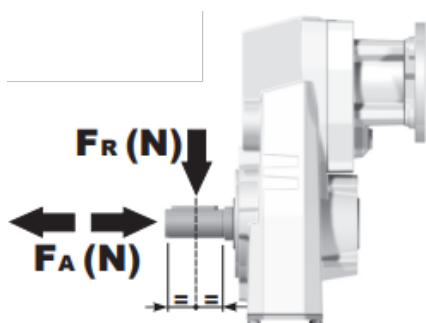
MODEL	FA42	
Ø OUTPUT SHAFT	30	mm
APPROXIMATE RATIO	17	
EXACT RATIO	17.57	
OUTPUT SPEED	86	RPM
EXACT OUTPUT SPEED	83	RPM
INPUT POWER	1.50	KW
INPUT ROTATION	1400	RPM
INPUT PAM	90B5	
OUTPUT TORQUE	172.57	N.m
NOMINAL TORQUE	270.00	N.m
NOMINAL POWER	2.3	KW
SERVICE FACTOR	1.53	
DYNAMIC EFFICIENCY	0.96	



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 1000W motor unit, showing side, front, and detail views with dimensions.

Side View Dimensions:

- Overall width: A
- Top flange diameter: $\varnothing 11$
- Top flange thickness: 40
- Motor body height: 160
- Base height: 123
- Base diameter: $\varnothing F$
- Base mounting holes: 4 holes $M8 \times 15$
- Base mounting hole spacing: 115
- Base mounting hole diameter: 8
- Base mounting hole depth: 5
- Base mounting hole offset: 3.5
- Base mounting hole diameter: $\varnothing 95 f7$
- Base mounting hole offset: 110
- Base mounting hole diameter: $\varnothing 45$
- Base mounting hole length: 110

Front View Dimensions:

- Overall width: 178
- Motor body height: 88
- Base height: 18

Detail View Dimensions:

- Base mounting hole diameter: $\varnothing 45$
- Base mounting hole length: 110

[illegible]