

Technical Data Sheet
Gearbox
SHAFT MOUNTED



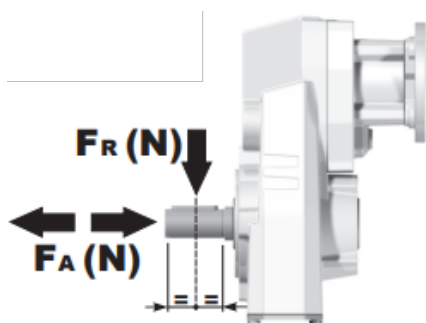
MODEL	FA42	
Ø OUTPUT SHAFT	30	mm
APPROXIMATE RATIO	12	
EXACT RATIO	12.33	
OUTPUT SPEED	122	RPM
EXACT OUTPUT SPEED	118	RPM
INPUT POWER	4.00	KW
INPUT ROTATION	1400	RPM
INPUT PAM	112B5	
OUTPUT TORQUE	322.95	N.m
NOMINAL TORQUE	260.00	N.m
NOMINAL POWER	3.2	KW
SERVICE FACTOR	0.80	
DYNAMIC EFFICIENCY	0.96	



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
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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: 25H7
- Base mounting hole position: 45
- Base mounting hole diameter: $\varnothing 45$
- Base mounting hole length: 110
- Base mounting hole diameter: 3.5
- Base mounting hole diameter: 5
- Base mounting hole diameter: 110

Front View Dimensions:

- Overall width: 178
- Motor body height: 88
- Base diameter: 115