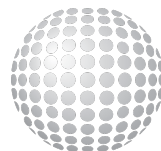


Technical Data Sheet
Gearbox
SHAFT MOUNTED



UNIVERSAL
MOTORS

MODEL	FA42	
Ø OUTPUT SHAFT	30	mm
APPROXIMATE RATIO	8	
EXACT RATIO	8.38	
OUTPUT SPEED	183	RPM
EXACT OUTPUT SPEED	174	RPM
INPUT POWER	3.00	KW
INPUT ROTATION	1400	RPM
INPUT PAM	100B5	
OUTPUT TORQUE	164.62	N.m
NOMINAL TORQUE	225.00	N.m
NOMINAL POWER	4.1	KW
SERVICE FACTOR	1.37	
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: 45
- Base mounting hole length: 110

Front View Dimensions:

- Overall width: 178
- Motor body height: 88
- 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: 45
- Base mounting hole length: 110

Detail View Dimensions:

- Overall width: 25H7
- 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: 45
- Base mounting hole length: 110