

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	1.10	KW
INPUT ROTATION	1400	RPM
INPUT PAM	90B5	
OUTPUT TORQUE	88.81	N.m
NOMINAL TORQUE	260.00	N.m
NOMINAL POWER	3.2	KW
SERVICE FACTOR	2.91	
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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Gearbox weight peso riduttore	9.0 kg
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On request
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Technical drawing of the 1000 Series Motor, showing side, front, and detail views with dimensions.

Side View Dimensions:

- Total height: 269
- Height to top of motor housing: 160
- Distance from base to top of motor housing: 95 f7
- Base width: 110
- Distance from base to center of motor housing: 40
- Motor housing diameter: $\phi 11$
- Motor housing length: 123
- Motor housing diameter: ϕF

Front View Dimensions:

- Top width: 18
- Height to center of motor housing: 88
- Distance from center to side mounting holes: 115
- Base width: 178
- 4 holes M8x15

Detail View Dimensions:

- Distance from base to center of motor housing: 8
- Base width: 25H7
- Motor housing diameter: $\phi 45$
- Motor housing length: 110