

Technical Data Sheet
Gearbox
SHAFT MOUNTED



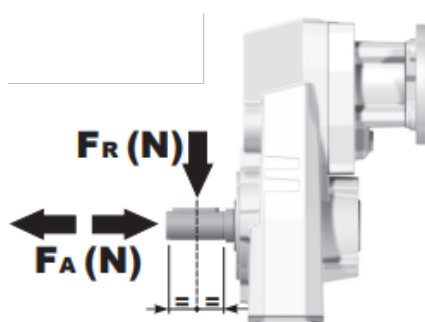
MODEL	FA42	
Ø OUTPUT SHAFT	30	mm
APPROXIMATE RATIO	12	
EXACT RATIO	12.33	
OUTPUT SPEED	122	RPM
EXACT OUTPUT SPEED	118	RPM
INPUT POWER	3.00	KW
INPUT ROTATION	1400	RPM
INPUT PAM	100B14	
OUTPUT TORQUE	242.21	N.m
NOMINAL TORQUE	260.00	N.m
NOMINAL POWER	3.2	KW
SERVICE FACTOR	1.07	
DYNAMIC EFFICIENCY	0.96	



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 a motor assembly, 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 diameter: $\varnothing 95 \text{ f7}$
- Motor body length: 160
- Motor body mounting flange diameter: $\varnothing F$
- Motor body mounting flange thickness: 123
- Motor body mounting flange diameter: $\varnothing 95 \text{ f7}$
- Motor body mounting flange thickness: 123
- Motor body mounting flange diameter: $\varnothing 95 \text{ f7}$
- Motor body mounting flange thickness: 123

Front View Dimensions:

- Top flange diameter: 18
- Motor body diameter: 88
- Motor body mounting flange diameter: 115
- Motor body mounting flange thickness: 178
- 4 holes $M8 \times 15$

Detail View Dimensions:

- Top flange diameter: 8
- Motor body diameter: 25H7
- Motor body mounting flange diameter: $\varnothing 45$
- Motor body mounting flange thickness: 110