

Technical Data Sheet
Gearbox
SHAFT MOUNTED



MODEL	FA42	
Ø OUTPUT SHAFT	30	mm
APPROXIMATE RATIO	36	
EXACT RATIO	36.21	
OUTPUT SPEED	41	RPM
EXACT OUTPUT SPEED	40	RPM
INPUT POWER	1.10	KW
INPUT ROTATION	1400	RPM
INPUT PAM	90B5	
OUTPUT TORQUE	260.82	N.m
NOMINAL TORQUE	320.00	N.m
NOMINAL POWER	1.3	KW
SERVICE FACTOR	1.18	
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 height: 123
- Motor body diameter: $\varnothing F$
- Motor body mounting hole diameter: $\varnothing 95 f7$
- Motor body mounting hole offset: 3.5
- Motor body mounting hole offset: 5
- Motor body mounting hole offset: 110
- Motor body mounting hole offset: 160
- Motor body mounting hole offset: 269

Front View Dimensions:

- Top flange diameter: 18
- Motor body height: 88
- Motor body diameter: 115
- Motor body mounting hole diameter: 178
- Motor body mounting hole offset: 4 holes M8x15

Detail View Dimensions:

- Motor body mounting hole diameter: $\varnothing 45$
- Motor body mounting hole offset: 110
- Motor body mounting hole offset: 25H7
- Motor body mounting hole offset: 8