

Technical Data Sheet
Gearbox
SHAFT MOUNTED



MODEL	FA42	
Ø OUTPUT SHAFT	30	mm
APPROXIMATE RATIO	53	
EXACT RATIO	52.53	
OUTPUT SPEED	28	RPM
EXACT OUTPUT SPEED	28	RPM
INPUT POWER	0.25	KW
INPUT ROTATION	1400	RPM
INPUT PAM	71B5	
OUTPUT TORQUE	85.99	N.m
NOMINAL TORQUE	260.00	N.m
NOMINAL POWER	0.76	KW
SERVICE FACTOR	3.04	
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

4 holes
M8x13

94

Technical drawing of the 1000 Series Locking Arm, showing front and side views with dimensions.

Front View Dimensions:

- Overall width: 149
- Distance from left edge to centerline: 5
- Distance from centerline to right edge: 86

Side View Dimensions:

- Overall height: 134.5
- Distance from bottom edge to centerline: 35
- Distance from centerline to top edge: 35
- Overall diameter: $\varnothing 30$ H7