

Technical Data Sheet
Gearbox
SHAFT MOUNTED



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	2.20	KW
INPUT ROTATION	1400	RPM
INPUT PAM	100B14	
OUTPUT TORQUE	120.72	N.m
NOMINAL TORQUE	225.00	N.m
NOMINAL POWER	4.1	KW
SERVICE FACTOR	1.86	
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
A richiesta

Technical drawing of a mechanical part showing two views: a side view and a front view.

Side View (Left):

- Top horizontal dimensions: 32, 36, c1.
- Vertical dimensions on the left: b1 f7, -0.005, -0.020, ø30, 28, f1.
- Bottom horizontal dimension: 170.

Front View (Right):

- Top horizontal dimensions: 36, 110.
- Bottom horizontal dimension: k1.