

Technical Data Sheet
Gearbox
SHAFT MOUNTED



UNIVERSAL
MOTORS

MODEL	FA42
Ø OUTPUT SHAFT	30 mm
APPROXIMATE RATIO	30
EXACT RATIO	30.34
OUTPUT SPEED	49 RPM
EXACT OUTPUT SPEED	48 RPM
INPUT POWER	0.75 KW
INPUT ROTATION	1400 RPM
INPUT PAM	80B14
OUTPUT TORQUE	149.00 N.m
NOMINAL TORQUE	320.00 N.m
NOMINAL POWER	1.6 KW
SERVICE FACTOR	2.13
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
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