

Technical Data Sheet
Gearbox
SHAFT MOUNTED



UNIVERSAL
MOTORS

MODEL	FA43
Ø OUTPUT SHAFT	30 mm
APPROXIMATE RATIO	214
EXACT RATIO	214.15
OUTPUT SPEED	7 RPM
EXACT OUTPUT SPEED	7 RPM
INPUT POWER	0.18 KW
INPUT ROTATION	1400 RPM
INPUT PAM	63B5
OUTPUT TORQUE	247.15 N.m
NOMINAL TORQUE	320.00 N.m
NOMINAL POWER	0.23 KW
SERVICE FACTOR	1.28
DYNAMIC EFFICIENCY	0.94



Oil Quantity (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
1.122	0.7	0.7	0.7	1.35	0.9

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	8.9 kg
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