

Technical Data Sheet
Gearbox
SHAFT MOUNTED



UNIVERSAL
MOTORS

MODEL	FA43
Ø OUTPUT SHAFT	30 mm
APPROXIMATE RATIO	300
EXACT RATIO	300.05
OUTPUT SPEED	5 RPM
EXACT OUTPUT SPEED	5 RPM
INPUT POWER	0.09 KW
INPUT ROTATION	1400 RPM
INPUT PAM	56B14
OUTPUT TORQUE	173.14 N.m
NOMINAL TORQUE	320.00 N.m
NOMINAL POWER	0.17 KW
SERVICE FACTOR	1.89
DYNAMIC EFFICIENCY	0.94



Oil Quantity (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
1.85	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

Universal Motors S.A.
Rua Comendador Brandão, 484
4495-375 Póvoa de Varzim
geral@universalmotors.pt
TEL.: 252 299 080

Universal Motors UK, Ltd
Unit E2, Meltham Mills Road
West Yorkshire HD9 4AR
enquiries@universalmotors-group.co.uk
TEL.: +44(0) 1484660222

Universal Motors SL
C/La Habana n.6 nave 4 PI Camporroso
28806 Alcala de Henares
info@universalmotors-group.es
TEL.: 918 864 213

Gearbox weight peso riduttore	8.9 kg
---	---------------