

Technical Data Sheet
Gearbox
WORM GEARBOX ROUND DESIGN



MODEL	110	
Ø OUTPUT SHAFT	42	mm
APPROXIMATE RATIO	30	
EXACT RATIO	30.00	
OUTPUT SPEED	49	RPM
EXACT OUTPUT SPEED	49	RPM
INPUT POWER	3.00	KW
INPUT ROTATION	1400	RPM
INPUT PAM	100 B14	
OUTPUT TORQUE	466.55	N.m
NOMINAL TORQUE	651.00	N.m
NOMINAL POWER	4.2	KW
SERVICE FACTOR	1.40	
DYNAMIC EFFICIENCY	0.76	



Oil Quantity (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
1.9	1.35	1.35	2	2	2

Radial and Axial Loads



n_2 [min-1]	FA [N]	FR [N]
200	600	2900
100	750	3600
50	920	4600
15	1400	7000

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 Pl Camporoso
28806 Alcala de Henares
info@universalmotors-group.es
TEL.: 918 864 213

