

Technical Data Sheet  
Gearbox  
WORM GEARBOX ROUND DESIGN



MODEL	110	
Ø OUTPUT SHAFT	42	mm
APPROXIMATE RATIO	7	
EXACT RATIO	7.00	
OUTPUT SPEED	209	RPM
EXACT OUTPUT SPEED	209	RPM
INPUT POWER	9.20	KW
INPUT ROTATION	1400	RPM
INPUT PAM	132B5	
OUTPUT TORQUE	386.56	N.m
NOMINAL TORQUE	483.00	N.m
NOMINAL POWER	11.5	KW
SERVICE FACTOR	1.25	
DYNAMIC EFFICIENCY	0.88	



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](mailto: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](mailto:enquiries@universalmotors-group.co.uk)  
TEL.: +44(0) 1484660222

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

