

Technical Data Sheet  
Gearbox  
WORM GEARBOX ROUND DESIGN



MODEL	063A
Ø OUTPUT SHAFT	28 mm
APPROXIMATE RATIO	35
EXACT RATIO	36.00
OUTPUT SPEED	42 RPM
EXACT OUTPUT SPEED	41 RPM
INPUT POWER	0.75 KW
INPUT ROTATION	1400 RPM
INPUT PAM	80B14
OUTPUT TORQUE	125.23 N.m
NOMINAL TORQUE	191.00 N.m
NOMINAL POWER	1.1 KW
SERVICE FACTOR	1.47
DYNAMIC EFFICIENCY	0.68



Oil Quantity (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
0.4	0.4	0.4	0.4	0.4	0.4

Radial and Axial Loads



$n_2$ [min-1]	FA [N]	FR [N]
200	360	1800
100	460	2300
50	600	3000
15	800	4000

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 Camporroso  
28806 Alcala de Henares  
[info@universalmotors-group.es](mailto:info@universalmotors-group.es)  
TEL.: 918 864 213