

Technical Data Sheet
Gearbox
WORM GEARBOX ROUND DESIGN



| | |
|--------------------|------------|
| MODEL | 063A |
| Ø OUTPUT SHAFT | 28 mm |
| APPROXIMATE RATIO | 10 |
| EXACT RATIO | 10.00 |
| OUTPUT SPEED | 146 RPM |
| EXACT OUTPUT SPEED | 146 RPM |
| INPUT POWER | 1.50 KW |
| INPUT ROTATION | 1400 RPM |
| INPUT PAM | 90B14 |
| OUTPUT TORQUE | 82.87 N.m |
| NOMINAL TORQUE | 173.00 N.m |
| NOMINAL POWER | 3.1 KW |
| SERVICE FACTOR | 2.07 |
| DYNAMIC EFFICIENCY | 0.81 |



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
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 Camporosso
28806 Alcalá de Henares
info@universalmotors-group.es
TEL.: 918 864 213