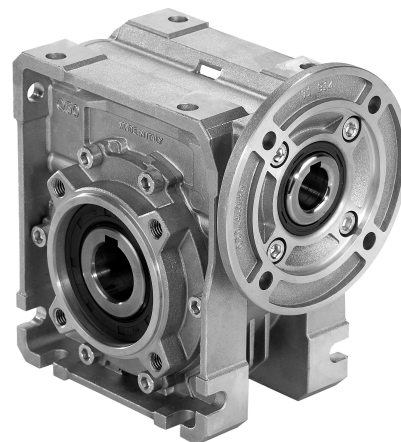


Technical Data Sheet  
Gearbox  
WORM GEARBOX SQUARE DESIGN



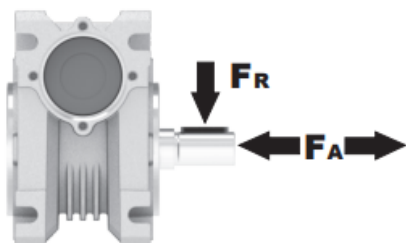
|                    |        |     |
|--------------------|--------|-----|
| MODEL              | Q63    |     |
| Ø OUTPUT SHAFT     | 25     | mm  |
| APPROXIMATE RATIO  | 35     |     |
| EXACT RATIO        | 36.00  |     |
| OUTPUT SPEED       | 42     | RPM |
| EXACT OUTPUT SPEED | 41     | RPM |
| INPUT POWER        | 0.55   | KW  |
| INPUT ROTATION     | 1400   | RPM |
| INPUT PAM          | 80B14  |     |
| OUTPUT TORQUE      | 91.84  | N.m |
| NOMINAL TORQUE     | 147.00 | N.m |
| NOMINAL POWER      | 0.88   | KW  |
| SERVICE FACTOR     | 1.60   |     |
| DYNAMIC EFFICIENCY | 0.68   |     |



#### Oil Quantity (L)

| B3/H1 | B6/H4 | B7/H3 | B8/H2 | V5/H5 | V6/H6 |
|-------|-------|-------|-------|-------|-------|
| 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   |

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

