

Technical Data Sheet  
Gearbox  
WORM GEARBOX ROUND DESIGN



|                    |            |
|--------------------|------------|
| MODEL              | 063A       |
| Ø OUTPUT SHAFT     | 28 mm      |
| APPROXIMATE RATIO  | 7          |
| EXACT RATIO        | 7.00       |
| OUTPUT SPEED       | 209 RPM    |
| EXACT OUTPUT SPEED | 209 RPM    |
| INPUT POWER        | 2.20 KW    |
| INPUT ROTATION     | 1400 RPM   |
| INPUT PAM          | 90B5       |
| OUTPUT TORQUE      | 87.19 N.m  |
| NOMINAL TORQUE     | 162.00 N.m |
| NOMINAL POWER      | 4.1 KW     |
| SERVICE FACTOR     | 1.86       |
| DYNAMIC EFFICIENCY | 0.83       |



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   |

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