

Technical Data Sheet
Gearbox
WORM GEARBOX SQUARE DESIGN



| | | |
|--------------------|-------|-----|
| MODEL | M50 | |
| Ø OUTPUT SHAFT | 25 | mm |
| APPROXIMATE RATIO | 40 | |
| EXACT RATIO | 36.00 | |
| OUTPUT SPEED | 37 | RPM |
| EXACT OUTPUT SPEED | 41 | RPM |
| INPUT POWER | 0.55 | KW |
| INPUT ROTATION | 1400 | RPM |
| INPUT PAM | 80B5 | |
| OUTPUT TORQUE | 93.19 | N.m |
| NOMINAL TORQUE | 72.00 | N.m |
| NOMINAL POWER | 0.43 | KW |
| SERVICE FACTOR | 0.78 | |
| DYNAMIC EFFICIENCY | 0.69 | |



Oil Quantity (L)

| B3/H1 | B6/H4 | B7/H3 | B8/H2 | V5/H5 | V6/H6 |
|-------|-------|-------|-------|-------|-------|
| 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 |

Radial and Axial Loads



| n_2 [min ⁻¹] | FA [N] | FR [N] |
|----------------------------|--------|--------|
| 200 | 240 | 1200 |
| 100 | 300 | 1500 |
| 50 | 380 | 1900 |
| 15 | 560 | 2800 |

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