

| | | |
|--------------------|---------|-----|
| MODEL | UMSG150 | |
| Ø OUTPUT SHAFT | 50 | mm |
| APPROXIMATE RATIO | 40 | |
| EXACT RATIO | 40.00 | |
| OUTPUT SPEED | 37 | RPM |
| EXACT OUTPUT SPEED | 37 | RPM |
| INPUT POWER | 3.00 | KW |
| INPUT ROTATION | 1400 | RPM |
| INPUT PAM | 100B5 | |
| OUTPUT TORQUE | 638.44 | N.m |
| NOMINAL TORQUE | 1596.10 | N.m |
| NOMINAL POWER | 7.5 | KW |
| SERVICE FACTOR | 2.50 | |
| DYNAMIC EFFICIENCY | 0.78 | |



Oil Quantity (L)

| B3/H1 | B6/H4 | B7/H3 | B8/H2 | V5/H5 | V6/H6 |
|-------|-------|-------|-------|-------|-------|
| 7 | 5.1 | 5.1 | 5.4 | 7 | 5.1 |

Radial and Axial Loads



| n_2 [min ⁻¹] | FA [N] | FR [N] |
|----------------------------|--------|--------|
| 200 | 1300 | 6500 |
| 100 | 1640 | 8200 |
| 50 | 2120 | 10600 |
| 15 | 3300 | 16500 |

Basic wormbox



Square flange FA

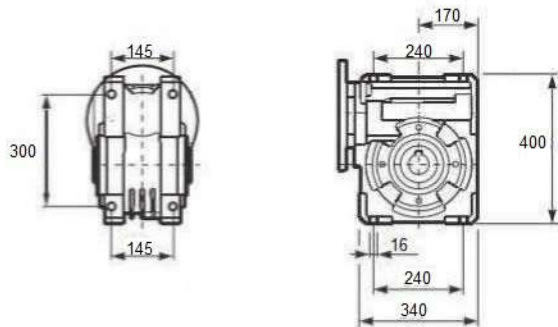


Single Shaft



| b1 | c1 | d1 | e1 | m1 | n1 | t2 | o1 |
|----|----|----|----|-----|-----|------|-----|
| 14 | 82 | 50 | 87 | 200 | 297 | 53.5 | M16 |

Feet



Reaction arm

