

Technical Data Sheet  
Gearbox  
SHAFT MOUNTED



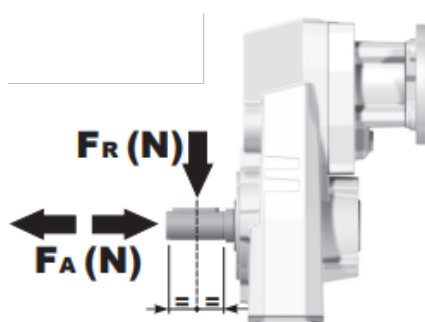
|                    |        |     |
|--------------------|--------|-----|
| MODEL              | FA42   |     |
| Ø OUTPUT SHAFT     | 30     | mm  |
| APPROXIMATE RATIO  | 29     |     |
| EXACT RATIO        | 29.49  |     |
| OUTPUT SPEED       | 50     | RPM |
| EXACT OUTPUT SPEED | 50     | RPM |
| INPUT POWER        | 0.75   | KW  |
| INPUT ROTATION     | 1400   | RPM |
| INPUT PAM          | 80B5   |     |
| OUTPUT TORQUE      | 144.83 | N.m |
| NOMINAL TORQUE     | 320.00 | N.m |
| NOMINAL POWER      | 1.7    | KW  |
| SERVICE FACTOR     | 2.27   |     |
| DYNAMIC EFFICIENCY | 0.96   |     |



#### Oil Quantity (L)

| B3/H1 | B6/H4 | B7/H3 | B8/H2 | V5/H5 | V6/H6 |
|-------|-------|-------|-------|-------|-------|
| 1.15  | 0.7   | 0.7   | 0.7   | 1.2   | 0.8   |

#### Radial and Axial Loads



| $n_2$ [min-1] | FA [N] | FR [N] |
|---------------|--------|--------|
| 300           | 300    | 1500   |
| 200           | 350    | 1750   |
| 120           | 410    | 2050   |
| 15            | 800    | 4000   |

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|                                         |               |
|-----------------------------------------|---------------|
| <b>Gearbox weight</b><br>peso riduttore | <b>9.0 kg</b> |
|-----------------------------------------|---------------|

**On request**  
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