# Drive units TB80

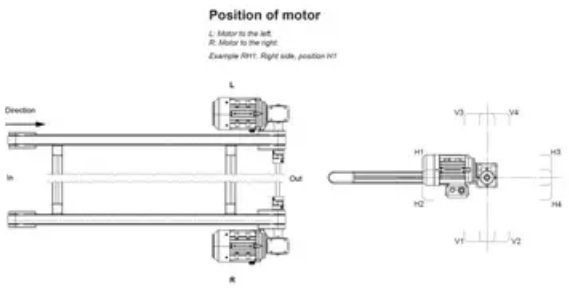
We offer a standard selection of motors and gears for TB80 timing belt conveyor.
We can customise the drive shaft to accommodate many different motors and gear choices. Please contact Rollco for more information.
Performance data based on continuous operation at nominal voltage, 50 Hz and 1400 rpm motor speed.
For operation using frequency inverter please contact Rollco.

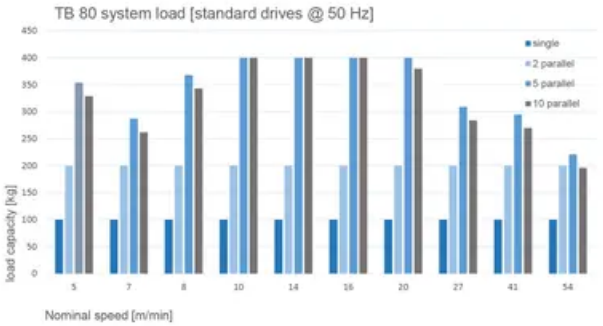


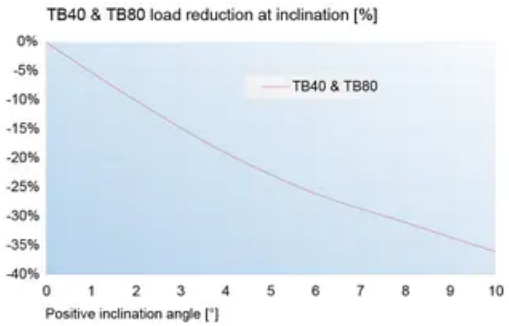
Motors and gears are not assembled to the unit.

**Motor Type:** Worm gear drive with 4-pole 3-phase 230/400 VAC-50 Hz motor
**Protection Class:** IP55

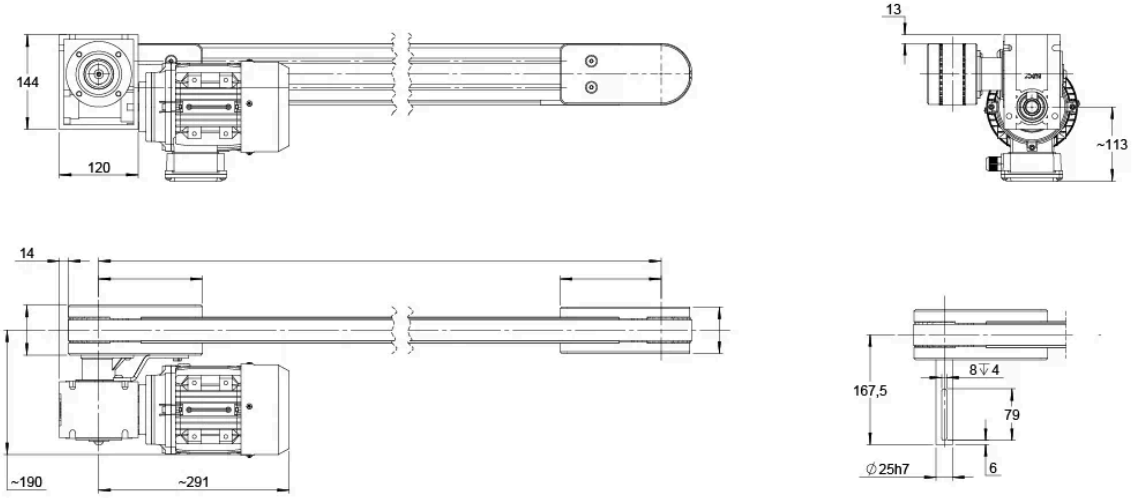

Every care has been taken to ensure the accuracy of the information in this document, but we take no liability for any errors or omissions. We reserve the right to make changes without prior notice.




## General Data





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| Designation | Speed code | Power (kW) | Conveyor speed at 50 Hz (m/min) | Output speed (rpm) at 50 Hz | Output torque at 50 Hz (Nm) |
|---|---|---|---|---|---|
| **Driveunit-80-5** | 5 | 0.25 | 5.1 | 17.5 | 52 |
| **Driveunit-80-7** | 7 | 0.25 | 6.8 | 23.3 | 60 |
| **Driveunit-80-8** | 8 | 0.25 | 8.1 | 28 | 54 |
| **Driveunit-80-10** | 10 | 0.37 | 10.2 | 35 | 68 |
| **Driveunit-80-14** | 14 | 0.55 | 13.5 | 46.7 | 81 |
| **Driveunit-80-16** | 16 | 0.55 | 16.2 | 56 | 71 |
| **Driveunit-80-20** | 20 | 0.55 | 20.3 | 70 | 59 |
| **Driveunit-80-27** | 27 | 0.55 | 27.1 | 93.3 | 46 |
| **Driveunit-80-41** | 41 | 0.75 | 40.6 | 140 | 44 |
| **Driveunit-80-54** | 54 | 0.75 | 54.1 | 186.7 | 34 |

| Designation | Gear reduction | Phase current at 400 VAC (A) |
|---|---|---|
| **Driveunit-80-5** | 80 | 0.77 |
| **Driveunit-80-7** | 60 | 0.77 |
| **Driveunit-80-8** | 50 | 0.77 |
| **Driveunit-80-10** | 40 | 1.01 |
| **Driveunit-80-14** | 30 | 1.47 |
| **Driveunit-80-16** | 25 | 1.47 |
| **Driveunit-80-20** | 20 | 1.47 |
| **Driveunit-80-27** | 15 | 1.47 |
| **Driveunit-80-41** | 10 | 1.9 |
| **Driveunit-80-54** | 7.5 | 1.9 |


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