

TORQUE MULTIPLIERS HT3, HT4 AND COMPACT SERIES

Torque multipliers are the right choice for applications where conventional methods cannot achieve the required torque due to space or power limitations.

Using a torque multiplier is simple and easy – the torque wrench is adjusted according to the gear ratio to the desired torque value, and the multiplier is placed between the target and the torque wrench. The output torque is the set torque value multiplied by the multiplier's gear ratio.

- Gearbox accuracy better than $\pm 4\%$
- Durable construction ensures longevity and maintenance-free operation
- Delivered in a sturdy carrying case
- HT3 and HT4 models are cost-effective basic multipliers
- HT-52, HT-72, HT-92, and HT-119 models are designed to be compact and lightweight
- AWUR models feature a built-in ratchet, making operation easier by eliminating backlash from the gearbox
- Comprehensive selection of alternative reaction arms available



| Item | Model | Max. Torque Nm | Multiplication Ratio | Input drive | Output drive | Weight kg (+reaction arm) |
|--|------------------|----------------|----------------------|-------------|--------------|---------------------------|
| HT3 models (diameter 108 mm) | | | | | | |
| 180260 | HT3/1000* | 1 000 | 5:1 | 1/2" | 3/4" | 1,5 (2,2) |
| 17220 | HT3/1300* | 1 300 | 5:1 | 1/2" | 3/4" | 3,8 (5,1) |
| 17221 | HT3/2700* | 2 700 | 5:1 | 3/4" | 1" | 3,8 (5,1) |
| HT4 models (diameter 108 mm) | | | | | | |
| 17022 | HT4/15.5 AWUR | 3 000 | 15.5:1 | 1/2" | 1" | 6,1 (8,0) |
| 17021 | HT4/26 AWUR | 4 500 | 26:1 | 1/2" | 1" | 7,0 (8,9) |
| HT-52 models (diameter 52 mm) | | | | | | |
| 181440 | HT-52/4.7 | 1 000 | 4.7:1 | 1/2" | 3/4" | 1,0 (1,9) |
| 181441 | HT-52/22.2 | 1 000 | 22.2:1 | 3/8" | 3/4" | 1,3 (2,2) |
| 181442 | HT-52/22.2 | 1 000 | 22.2:1 | 1/2" | 3/4" | 1,3 (2,2) |
| 181443 | HT-52/22.2 AWUR | 1 000 | 22.2:1 | 3/8" | 3/4" | 1,4 (2,3) |
| 181444 | HT-52/22.2 AWUR | 1 000 | 22.2:1 | 1/2" | 3/4" | 1,4 (2,3) |
| 181445 | HT-52/22.2 AWUR | 1 000 | 22.2:1 | 3/8" | 1" | 1,4 (2,3) |
| 181446 | HT-52/22.2 AWUR | 1 000 | 22.2:1 | 1/2" | 1" | 1,4 (2,3) |
| HT-72 models (diameter 72 mm) | | | | | | |
| 181447 | HT-72/5.2 | 1 500 | 5.2:1 | 1/2" | 1" | 2,5 (3,9) |
| 181448 | HT-72/5.2 | 1 000 | 5.2:1 | 3/4" | 3/4" | 2,5 (3,9) |
| 181449 | HT-72/5.2 | 2 000 | 5.2:1 | 3/4" | 1" | 2,6 (4,0) |
| 181450 | HT-72/27 | 2 000 | 27:1 | 1/2" | 1" | 2,9 (4,3) |
| 181451 | HT-72/27 AWUR | 2 000 | 27:1 | 1/2" | 1" | 3,2 (4,6) |
| HT-92 models (diameter 92 mm) | | | | | | |
| 181452 | HT-92/25 AWUR | 4 000 | 25:1 | 1/2" | 1" | 5,4 (7,9) |
| HT-119 models (diameter 119 mm) | | | | | | |
| 181453 | HT-119/25.5 AWUR | 7 000 | 25.5:1 | 1/2" | 1 1/2" | 9,3 (13,3) |

*) Delivered with two reaction arms – also available without reaction arms.



HT3/1000



HT-3



HT4



HT-52



HT-119

