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JUWEL TES-Series Electric Torque Wrench

- Torque range from 150 to 15,000 Nm
- Standard (XX4) or heavy-duty (XX5) version with modular gearbox design (see dimensional drawing)
- 2-speed right/left gearbox with a total of 200 torque steps and repeat accuracy of 3.5%
- Available as 230 or 110 volt version
- Drive unit freely rotatable through 360°
- Optional: With load release, the unit rotates a small number of degrees in the opposite direction after successful screwing for easier loosening of the impact socket from the screw
- Reaction arm made of high-strength investment casting - individual designs also possible on request thanks to in-house CNC production



Subject to technical changes and errors.

Technical Data



| Typ/Type | TES-84 | TES-104/105 | TES-244/245 | TES-354/355 | TES-505 | TES-604/605 | TES-904/905 | TES-1205 | TES-1505 |
|---|------------|-------------|-------------|-------------|-------------|-------------|----------------|----------------|----------------|
| Antriebsvierkant/Square drive A | 3/4" / 1" | 1" | 1" | 1 1/2" | 1 1/2" | 1 1/2" | 1 1/2" | 1 1/2" | 2 1/2" |
| Artikelnummer Schwerlast/ Item number heavy load | - | 50 105 110 | 50 245 120 | 50 355 130 | 50 505 140 | 50 605 150 | 50 905 160 | 50 915 170 | 50 915 180 |
| Artikelnummer Standard/ Item number standard | 50 084 100 | 50 104 110 | 50 244 120 | 50 354 130 | - | 50 604 150 | 50 904 160 | - | - |
| Drehmoment/Torque (Nm) | 150 - 850 | 280 - 1.200 | 360 - 2.500 | 360 - 3.500 | 700 - 5.000 | 816 - 6.000 | 1.024 - 10.000 | 1.024 - 12.000 | 1.440 - 15.000 |
| Gewicht Abstützung/ Weight reaction arm (kg) | 1.6 | 1.6 | 1.6 | 3.5 | 3.5 | 5.7 | 5.7 | 5.7 | 11 |
| Gewicht Standard/ Weight Standard (kg) | 8/8,2 | 8.2 | 9.5 | 10.4 | - | 15.9 | 18.9 | - | - |
| Gewicht Schwerlast/ Weight heavy load (kg) | - | 9.2 | 10.6 | 11.5 | 13.7 | 16.9 | 20.5 | 29 | 36 |
| Höhe/Height C (mm) | 55-75 | 75 | 75 | 95 | 95 | 110 | 110 | 115 | 145 |
| Höhe/Height H (mm) | 530/540 | 540 | 570 | 580 | 650 | 635 | 680 | 680 | 695 |
| Leerlaufdrehzahl (U/min)/ Idle speed (r/min) | 16 | 14 | 10 | 9 | 3 | 6.5 | 2.5 | 2 | 2 |
| Ø Getriebe Schwerlast/ Gear heavy load D (mm) | - | 99 | 99 | 99 | 99 | 135 | 135 | 172 | 172 |
| Ø Getriebe Standard/ Gear standard D (mm) | 88 | 88 | 88 | 88 | - | 130 | 130 | - | - |

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