

alkitronic® X E-SERIES

EAF

Battery driven
torque multiplier



Applications

- **alkitronic® EAF:** Battery driven 2-speed torque multiplier from 130 Nm to 6,000 Nm / 95 ft.lbs to 4,430 ft.lbs.
- **Short fastening cycles:** Fast gear for run down and power gear for highest torques and precision.
- **Mobile and always ready for use:** Compact design for convenient working in limited spaces or without power supply.
- **Efficient operation:** Fast and easy gear-changing, great torque range - you can choose from 22 torque values.

Advantages

- **Integrated fully-automatic release function:** Caused by high torsional force, it is often impossible repositioning the multiplier on the next bolt joint. The automatic release function enables a fast, secure "run free" of the reaction absorber **DMA** and also relieves stresses within the multiplier.
- **Low running costs:** The low-wear, synchronous motor is maintenance free.
- **Health-preserving:** Lowweight, ergonomically designed, low noise emissions. No noise protection necessary.
- **High performance:** Two lithium-ion battery packs ensure up to 360 screw joints in a row. Each battery features an LED charge level indicator.
- **Exact shut-off torque** even at low battery levels.

alkitronic® Specials

- **Very low susceptibility to damage and failure:** Motor housing made of special polymer: Break-proof, impact-proof and resistant to corrosion.
- **Intelligent energy management and faster workflow:** Electronics protects battery cells from overcharging and depth discharge. Cooled battery packs during recharging. This reduces charging times and enhances maximum performance and durability.
- **High-performance gears,** produced in a chip-free high-precision process.

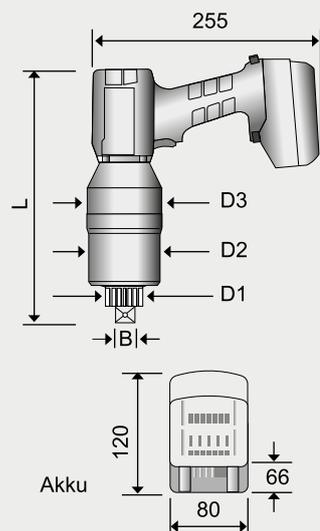


Technical Data

| Type | | EAF2 / 80 | EAF2 / 150 | EAF2 / 200 | EAF2 / 280 | EAF2 / 300 | EAF2 / 400 | EAF2 / 600 |
|---------------------------------|----------------|-----------|------------|------------|------------|------------|------------|------------|
| Torque range (approx.)* | Nm | 130-850 | 220-1400 | 260-2200 | 300-2800 | 320-3200 | 380-4100 | 500-6000 |
| | ft.lbs | 95-625 | 160-1035 | 190-1625 | 220-2065 | 235-2360 | 280-3025 | 370-4430 |
| Square drive | B | 3/4" | 3/4" | 1" | 1" | 1" | 1 1/2" | 1 1/2" |
| Diameter (approx.) | D ₁ | 41 | 41 | 54 | 54 | 72 | 72 | 72 |
| Diameter (approx.) | D ₂ | 85 | 85 | 85 | 85 | 93 | 93 | 109 |
| Diameter (approx.) | D ₃ | 88 | 88 | 88 | 88 | 97 | 97 | 109 |
| Length (approx.) | L | 295 | 295 | 320 | 350 | 370 | 370 | 380 |
| Weight without DMA (approx.)** | kg | 5,6 | 5,6 | 6,4 | 7,5 | 7,5 | 9,2 | 9,0 |
| Idle speed 1 st gear | rpm | 8,0 | 4,0 | 3,0 | 1,8 | 1,5 | 1,5 | 0,8 |
| Idle speed 2 nd gear | rpm | 26,0 | 14,0 | 10,0 | 6,5 | 6,0 | 5,4 | 3,0 |

*) When loosening bolts, a higher torque (up to 20 %) may be necessary (release torque). We will be pleased to help you with your choice. **) Torque reaction arm

Measurements



Scope of Delivery



2 lithium-ion battery packs 18 V, 5.2 Ah, battery charger, tool case.



Repeat shut-off accuracy ± 3% (same bolting connection). All **alkitronic®** torque multipliers are CE-certified.

alkitronic®
HOME OF TORQUE POWER

alkitronic® products
Made in Germany by

alki TECHNIK GmbH
Development, Production and
Distribution of Bolting Systems

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