



SPECIALISED FORCE
HYDRAULIC TOOLS & PTY. LTD.
ELECTRICAL CONTRACTORS EQUIPMENT

EXCLUSIVE DISTRIBUTOR OF

alkitronic®

HOME OF TORQUE POWER



EAF SERIES



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: Low weight, 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.

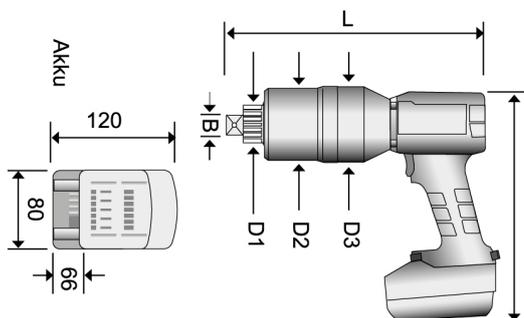


Technical Data

| Type | | EAF2 / 80 | EAF2 / 100 | EAF2 / 150 | EAF2 / 280 | EAF2 / 300 | EAF2 / 400 | EAF2 / 600 |
|---------------------------------|--------|-----------|------------|------------|------------|------------|------------|------------|
| Torque range (approx.) * | Nm | 130-850 | 130-1100 | 220-1400 | 300-2800 | 320-3200 | 380-4100 | 500-6000 |
| | ft.lbs | 95-625 | 95-811 | 160-1035 | 220-2065 | 235-2360 | 280-3025 | 370-4430 |
| Square drive B | | 3/4 " | 3/4 " | 3/4 " | 1 " | 1 " | 1 1/2 " | 1 1/2 " |
| Diameter (approx.) | D1 mm | 41 | 41 | 41 | 54 | 72 | 72 | 72 |
| Diameter (approx.) | D2 mm | 85 | 85 | 85 | 85 | 93 | 93 | 109 |
| Diameter (approx.) | D3 mm | 88 | 88 | 88 | 88 | 97 | 97 | 109 |
| Length (approx.) | L mm | 295 | 295 | 295 | 350 | 370 | 370 | 380 |
| Weight without DMA (approx.) ** | kg | 5,6 | 5,6 | 5,6 | 7,5 | 7,5 | 9,2 | 9,0 |
| Idle speed 1st gear | rpm | 8,0 | 4,0 | 4,0 | 1,8 | 1,5 | 1,5 | 0,8 |
| Idle speed 2nd gear | rpm | 26,0 | 14,0 | 14,0 | 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



2 lithium-ion battery packs 18 V, 5.2 Ah, battery charger, tool case supplied as standard



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



BATTERY SERIES

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EAFW SERIES



Applications

- alkitronic® EAFW: Battery-powered 2-speed torque multiplier for torques from 300 Nm to 6,000 Nm. Angled design with high operating comfort.
- Mobile and always ready for use: Compact design for convenient working in limited spaces or without power supply.
- Extremely short fastening cycles: Fast gear for run down and power gear for highest torques and precision.
- Efficient operation: Fast and easy gear-changing, great torque range - each gear has eleven torque values to choose from.

Advantages

- Low running costs: The low-wear brushless synchronous motor is maintenance free.
- Health-preserving: Low weight, 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 a LED charge level indicator.
- Exact shut-off torque even at low battery levels.

alkitronic® Specials

- Very low repair requirements: Robust motor housing made of special polymer. It is break-proof, impact-proof and resistant to corrosion.
- Angle-drive with optimised efficiency and great running characteristics.
- Intelligent energy management: Smart electronics protect every battery cell from overcharging and depth discharge.

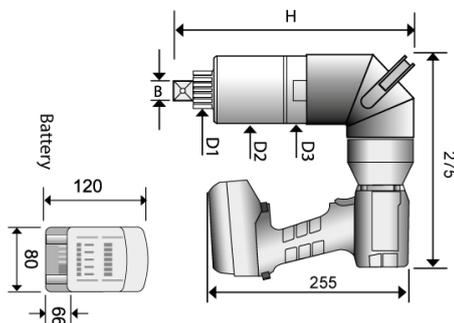


Technical Data

| Type | | EAFW2 / 280 | EAFW2 / 300 | EAFW2 / 400 | EAFW2 / 600 |
|---------------------------------|--------|-------------|-------------|-------------|-------------|
| Torque range (approx.) * | Nm | 300-2800 | 360-3200 | 500-4100 | 500-6000 |
| | ft.lbs | 220-2065 | 265-2360 | 370-3025 | 370-4430 |
| Square drive B | | 1 " | 1 " | 1 1/2 " | 1 1/2 " |
| Diameter (approx.) | D1 mm | 54 | 72 | 72 | 72 |
| | D2 mm | 85 | 93 | 93 | 109 |
| | D3 mm | 88 | 97 | 97 | 109 |
| Length (approx.) | L mm | 305 | 310 | 320 | 330 |
| Weight without DMA (approx.) ** | kg | 9,5 | 9,5 | 11,2 | 11.0 |
| Idle speed 1st gear | rpm | 1,7 | 1,5 | 1,0 | 0.8 |
| Idle speed 2nd gear | rpm | 6,0 | 5,0 | 4,0 | 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



2 lithium-ion battery packs 18 V, 5.2 Ah, battery charger, tool case supplied as standard



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



EAF-N SERIES

Applications

Battery torque multipliers for continuous rotation by tightening or loosening hard-to-reach, heavy-duty bolted connections, and deep-bed rims of heavy vehicles (mining industry). Torques from 190 Nm up to 2,800 Nm, dependent on type.

Advantages

- Economic, safe operation. No weather-related costly downtime.
- Comfortable to operate. The motor unit can be rotated 360 degrees. One handed operation with CW/CCW.
- Permanently higher joint quality (compared to impact and hydraulic wrenches) by continuous rotation of the square drive.
- Heavy duty, rugged housing made of cast aluminum. EA2-N motor housing made of special polymer: break-proof, and resistant to corrosion.

EAF2-N, Li-Ion battery driven 2-speed models with release function:

- Low weight, ergonomically designed, low noise emissions.
- No noise protection necessary.

alkitronic® Specials

EAF2-N with two battery packs ensure up to 360 screw joints in a row. **Pneumatic driven models: ATEX** approval on request.



BATTERY SERIES

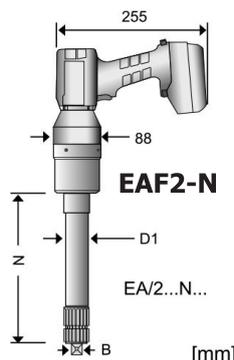
Technical Data: N-Tools

| Drive | | electric (battery) | | | |
|----------------------------------|-------------------------|--------------------|----------|----------|----------|
| Model N-Tool (-N) | | EAF2/80 | EAF2/100 | EAF2/150 | EAF2/280 |
| Torque range * | Nm | 190-850 | 130-1100 | 150-1400 | 300-2800 |
| Square drive | B | 3/4" | 3/4" | 3/4" | 1" |
| Diameter (approx.) D1 | mm | 46 | 46 | 46 | 56 |
| Length extension N.. | inch (e.g. EFA2/80 N12) | N 12 | N 12 | N 12 | N12 N18 |
| Idle speed 1st Gear 2nd Gear rpm | | 7 24 | 6 20 | 4 13 | 1.7 6 |

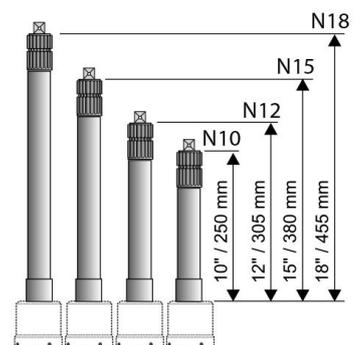
*) When loosening bolts, a higher torque (up to 20 %) may be necessary (release torque). We will gladly advise you in detail.

**) Prerequisites for best work with the indicated torques are an operating pressure of 2-7 bar at a volume flow of approx. 10-15 l/s. The torque accuracy depends on the stability of the supply system.

Dimensions



Length „N“ extension in inch/mm



Ozito battery kit to suit Alkitronic EB Series

alkitronic®

| | | |
|-------------|-------------------------|--------------------|
| Model No. | 13176 | 131175 |
| Description | Ozito 18V Battery 5.2Ah | Ozito 230V Charger |



Metabo battery kit to suit Alkitronic EAF Series

| | | |
|-------------|--------------------------|---------------------|
| Model No. | 13102 | 13103 |
| Description | Metabo 18V Battery 5.2Ah | Metabo 230V Charger |



ACCESSORIES

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