



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.

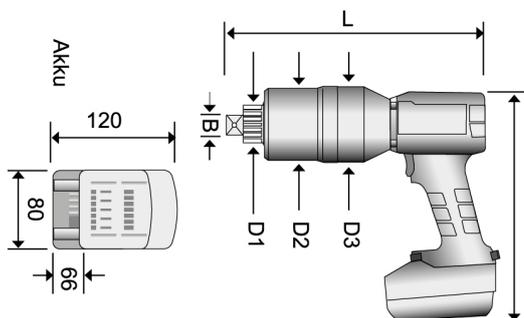


Technical Data

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

www.specialisedforce.com.au

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.

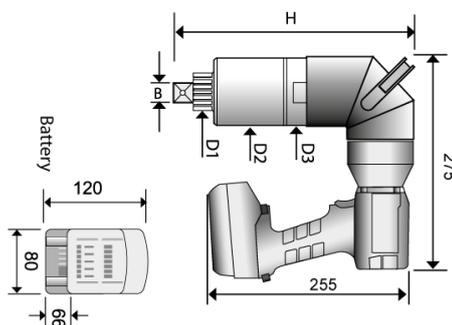


Technical Data

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

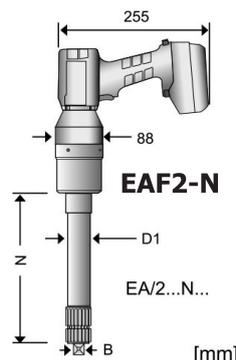
Technical Data: N-Tools

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

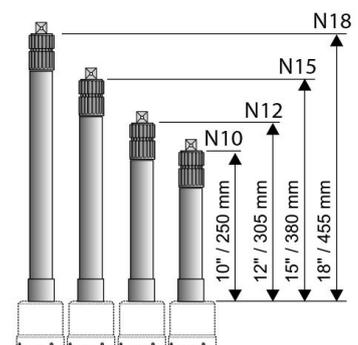
*) When loosening bolts, a higher torque (up to 20 %) may be necessary (release torque). We will gladly advise you in detail.

**) 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

www.specialisedforce.com.au