EK 120/42 Battery powered hydraulic crimping tool 16 - 400 mm²

NEXT GENERATION



- C-head with very wide crimping range to 400 mm²
- Up to 60% fewer crimps thanks to wide crimping in comparison to 6 t tools
- Easy handling by optimum weight distribution
- All tool data in view thanks to display and Klauke Link® App

Characteristics

- Choose your battery system: Bosch or Makita
- All data can be easily read via Bluetooth
- Open head, rotatable
- Quality assurance via visual and audible signals in case of error
- Simple and safe: One-button operating concept for controlling all tool functions
- Effortless working due to balanced centre of gravity
- LED for work area illumination
- 2-stage hydraulic system with fast feed and power stroke
- Simple and safe: Automatic retraction when operation is complete
- Automatic retract stop (ARS) for positioning control in case of multiple crimps
- Always ready-to-use thanks to battery charge and service display

Suitable for

- 13-series interchangeable dies, wide crimping

Technical data		
Crimping force	120 kN	
Stroke / opening width	42 mm	
Crimping range	16 - 400 mm²	
Crimping cycle	8 s to 9 s (depending on crimp cross-section)	
Charging time	45 min.	
Weight incl. battery	7.1 kg	
Ambient temperature	-10 °C up to +40 °C	
Item	**Part No. Bosch**	**Part No. Makita**
Battery powered hydraulic crimping tool 16 - 400 mm²	**EK12042CFB**	**EK12042CFM**
Scope of supply		
Bosch battery 18 V / 5.0 Ah, Li-Ion	RALB2EU	
Bosch quick-charger for 18 V Li-Ion battery	LGLB1EU	
Makita battery 18 V / 4.0 Ah, Li-Ion		RAL40
Makita quick-charger for 18 V Li-Ion battery		LGL1
Plastic case	KK120NG	KK120NG
Accessories		
Bosch battery 18 V / 5.0 Ah, Li-Ion	RALB2EU	
Makita battery 18 V / 4.0 Ah, Li-Ion		RAL40

Available dies for Series 13 for EK 120/42

Suitable for	Connection material	Crimping range mm²	Crimp profile	Page
Tubular cable lugs and connectors, Cu				
Tubular cable lugs and connectors, Cu, standard type, tubular cable lugs for switchgear connections		16 - 400		2.91
Insulated tubular cable lugs and connectors, insulated pin terminals		10 - 150		2.92
Tubular cable lugs and connectors for fine stranded conductors		10 - 150		2.92
Tubular cable lugs and connectors - stainless steel, Ni				
Tubular cable lugs and connectors – VA		16 - 50		2.92
Tubular cable lugs and connectors – VA		70 - 95		2.92
Tubular cable lugs and connectors - Ni		16 - 50		2.92
Tubular cable lugs and connectors - Ni		70 - 95		2.92
Compression cable lugs and connectors acc. to DIN - Cu				
Compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) Cu		10 - 300		2.92
Double compression cable lugs		2 x 50 - 2 x 120		2.93
Terminals, connectors and pin terminals acc. to DIN - Cu				
Terminals (DIN 46234) and pin terminals (DIN 46230) Cu, solderless connectors (DIN 46341) Cu		16 - 150		2.93
Insulated terminals and pin terminals		10 - 95		2.93
Sleeves for compacted conductors and sector shaped conductors, Cu				
Pre-rounding crimping dies for Al and Cu sector shaped conductors		10 sm - 300 se / 300 sm		2.93
Aluminum compression cable lugs and connectors acc. to DIN				
Aluminum compression cable lugs and connectors acc. to DIN		10 sm - 300 re/see		2.94
Aluminum/copper compression cable lugs and connectors				
Aluminum/copper compression cable lugs and connectors		10 sm - 300 re/se		2.94
Clamps				
Clamps, C-type		10 - 70		2.94
Clamps H-type		70 - 120		2.94
Cable end-sleeves				
Cable end-sleeves		25 - 240		2.94