KBL Brushless Screwdrivers | Torque range 0.4 – 26.7 in-lb

The perfect solution for clean room applications. KBL screwdrivers feature state-of-the-art brushless motors and clutch torque control.

Simple set up

KBL tools are very easy to install and operate. The torque is set externally: you'll only have to manually adjust the front clutch according to the required torque setting.
Each screwdriver works in combination with a control unit. Its electronic control circuit cuts the power supply to the screwdriver motor in response to the clutch action, as soon as the pre-set torque has been reached.

Maintenance-free

No wearing components and no brush replacement – KBL Screwdrivers combine Swiss brushless motors with magnetic clutch switches for a real maintenance-free solution. The absence of maintenance operations guarantees high productive continuity.
EDU1BL control units for KBL screwdrivers feature state-of-the-art electronics working at only 30 VDC. This design results in very low current to the driver's start and clutch switches to extend their life even further.

For a cleaner environment

No brushes means zero emissions of carbon dust or other pollutants into the working environment, which makes KBL screwdrivers perfect for clean-room applications.

Safe and ergonomic

KBL hand-held screwdrivers are available in inline and pistol type and they all come standard with ESD-safe housing.
Small and lightweight for utmost operator comfort and with advanced ergonomic design, they ensure very low noise level, minimum vibrations and maximum safety.

Available Housings

INLINE – Inline versions available in lever start with signals (KBL FR/S) or without (KBL FR). Also available with autoreverse feature (KBL FR/AR), best used with RIV HD riveting heads.
Bit Drive: 1/4" hex quick change chuck

PISTOL GRIP – Trigger start, pistol grip available with signals (KBL P/S) or without (KBL P/FR).
Bit Drive: 1/4" hex quick change chuck

ANGLE HEAD OPTION – 90° angle heads can be easily attached to inline models.
Angle attachments ar the ideal solution to operate where space is limited.

ESD-safe housing

Inline KBL Screwdrivers

Code	Model	Torque in-lb	RPM min-max	Dimensions in	Weight lb	Control unit
Standard models						
190004	KBL04FR	0.4 - 3.5	650 - 1000	10 x 1.5	1.1	EDU1BL
190015	KBL15FR	3.5 - 13.3	650 - 1000	10 x 1.5	1.1	EDU1BL
190030	KBL30FR	6.2 - 22	650 - 1000	10.6 x 1.7	1.4	EDU1BL
190040	KBL40FR	6.8 - 26.7	450 - 750	10.6 x 1.7	1.4	EDU1BL
Models with I/O signals						
190004/S	KBL04FR/S	0.4 - 3.5	650 - 1000	10 x 1.5	1.1	EDU1BL/SG
190015/S	KBL15FR/S	3.5 - 13.3	650 - 1000	10 x 1.5	1.1	EDU1BL/SG
190030/S	KBL30FR/S	6.2 - 22	650 - 1000	10.6 x 1.7	1.4	EDU1BL/SG
190040/S	KBL40FR/S	6.8 - 26.7	450 - 750	10.6 x 1.7	1.4	EDU1BL/SG

Inline KBL Screwdrivers are also available in KBL FR/AR, with autoreverse feature.

Pistol grip KBL Screwdrivers

Code	Model	Torque in-lb	RPM min-max	Dimensions in	Weight lb	Control unit
Standard models						
190005	KBL04P/FR	0.4 - 3.5	650 - 1000	6 x 8.3 x 1.8	1.1	EDU1BL
190016	KBL15P/FR	3.5 - 13.3	650 - 1000	6 x 8.3 x 1.8	1.1	EDU1BL
190031	KBL30P/FR	6.2 - 22	650 - 1000	6 x 8.5 x 1.8	1.4	EDU1BL
190041	KBL40P/FR	6.8 - 26.7	450 - 750	6 x 8.5 x 1.8	1.4	EDU1BL
Models with I/O signals						
190005/S	KBL04P/S	0.4 - 3.5	650 - 1000	6 x 8.3 x 1.8	1.1	EDU1BL/SG
190016/S	KBL15P/S	3.5 - 13.3	650 - 1000	6 x 8.3 x 1.8	1.1	EDU1BL/SG
190031/S	KBL30P/S	6.2 - 22	650 - 1000	6 x 8.5 x 1.8	1.4	EDU1BL/SG
190041/S	KBL40P/S	6.8 - 26.7	450 - 750	6 x 8.5 x 1.8	1.4	EDU1BL/SG

Angle head KBL Screwdrivers

Code	Model	Torque in-lb	RPM min-max	Dimensions in	Weight lb	Control unit
190004/A	KBL04FR/ANG	0.4 - 3.5	650 - 1000	12.4 x 1.5	1.3	EDU1BL
190015/A	KBL15FR/ANG	3.5 - 13.3	650 - 1000	12.4 x 1.5	1.3	EDU1BL
190030/A	KBL30FR/ANG	6.2 - 22	650 - 1000	13 x 1.7	1.5	EDU1BL
190040/A	KBL40FR/ANG	6.8 - 26.7	450 - 750	13 x 1.7	1.5	EDU1BL

Control units for KBL Screwdrivers

Code	Model	Settable Speed	Ramp Option	I/O Signals	Serial Print	Screw Count	Min-Max Run Time	Weight lb	Dimensions in
003000	EDU1BL	•	-	-	-	-	-	1.3	5.4 x 4.6 x 2.6
003000/SG	EDU1BL/SG	•	•	•	with ACE	with ACE	with ACE	1.3	5.4 x 4.6 x 2.6

IMPORTANT: Continuous use over 80% of torque range is not recommended.