



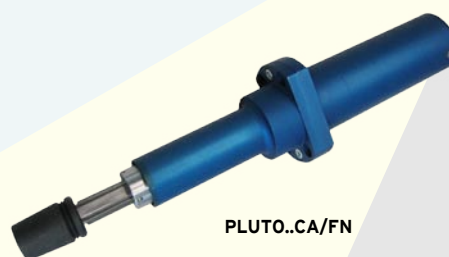
KOLVER

CA SERIES

The CA screwdrivers are designed for automated and fixtured applications. Special wiring and dedicated controllers are equipped with electric signals and contacts for immediate and easy interface. The ideal alternative to pneumatic drivers, they feature a long life maintenance free electric motor with a unique electronic torque control system for high accuracy throughout a wide torque range (up to 35 Nm); an aluminium body, for easy and quick clamp, supplied with 2.5 m cable.

The PLUTO..CA/FN series incorporates the PLUTO DC-controlled electric screwdriver design, supplied in a inline aluminium housing for flange mounting applications. The DC motor and solid state controls of the PLUTO are ideal for automated high volume/ high duty applications.

Flange and telescopic spindle available together or separately.



PLUTO..CA/FN

Code	Model	Torque Nm	RPM Max	L x Ø mm	Output	Control unit
130303	PLUTO3CA	0,3÷3	1000	160x40	Hex. 1/4"	EDU1AE/LTP
133211/N	PLUTO10CA/N	0,6÷4,0 2÷10	400 600	160x40	Hex. 1/4"	EDU1AE/LTP EDU1AE
133216/N	PLUTO15CA/N	0,6÷6,8 2÷15	220 320	160x40	Hex. 1/4"	EDU1AE/LTP EDU1AE
133221	PLUTO20CA	2,5÷20	130	196,10x47	Sq 3/8"	EDU1AE
133236	PLUTO35CA	3÷35	140	206,50x57	Sq 3/8"	EDU1AE
130303/FN	PLUTO3CA/FN	0,3÷3	1200	257,25x39,80	Hex. 1/4"	EDU1AE/LTP
133211/FN	PLUTO10CA/FN	0,6÷4,0 2÷10	400 600	257,25x39,80	Hex. 1/4"	EDU1AE/LTP EDU1AE
133216/FN	PLUTO15CA/FN	0,6÷6,8 2÷15	220 320	257,25x39,80	Hex. 1/4"	EDU1AE/LTP EDU1AE
133221/FN	PLUTO20CA/FN	2,5÷20	130	276,35x47	Sq 3/8"	EDU1AE
160007/CA	BRL07AS/CA	0,1÷0,7	1000	179,50x32,8	Hex. 1/4"	EDU1BR/SG
160010/CA	BRL10AS/CA	0,1÷1,0	650	179,50x32,8	Hex. 1/4"	EDU1BR/SG
160016/CA	BRL16AS/CA	0,1÷1,6	450	179,50x32,8	Hex. 1/4"	EDU1BR/SG
181027/CA	BRL27AS/CA	0,3÷2,7	1200	207,50x40	Hex. 1/4"	EDU2BR/SG
181635/CA	BRL35AS/CA	0,5÷3,5	800	207,50x40	Hex. 1/4"	EDU2BR/SG
181945/CA	BRL45AS/CA	0,5÷4,5	540	207,50x40	Hex. 1/4"	EDU2BR/SG
160007/FR/CA	BRL07FR/CA	0,05÷1,2	1000	212,30x35	Hex. 1/4"	EDU1BR/SG
160010/FR/CA	BRL10FR/CA	0,05÷1,2	650	212,30x35	Hex. 1/4"	EDU1BR/SG
180027/CA	BRL27FR/CA	0,3÷2,7	1200	228x40	Hex. 1/4"	EDU2BR/SG
180635/CA	BRL35FR/CA	0,5÷3,5	800	228x40	Hex. 1/4"	EDU2BR/SG

CA SERIES



KOLVER



EDU1AE



EDU..BR/SG



TELESCOPIC SPINDLE



MULTI SPINDLE

CONTROL UNITS CA SERIES

All Kolver screwdrivers work in combination with a control unit acting as an AC to DC transformer and torque controller. The electronic control circuit cuts the power supply to the motor as soon as the pre-set torque has been reached.

For the Pluto..CA series the EDU1AE gives you all the advantages of precision torque controlled electric tools at a fraction of the price of transdurized tools. The microprocessor based unit cuts the power supply to the motor calculating the correct torque in response to 3 parameters, voltage frequency and current, according to the selected options.

Additional features:

- One controller only for a torque range from 2 to 35 Nm
For lower torque values: EDU1AE/LTP model.
- User interface screens: walk through a few simple steps to input the parameters requested for your application and your fastening process can begin.
- Slow start and adjustable speed.
- Soft or hard joint option.
- High speed rundown and slow speed tightening for improved accuracy.
- Autostop on elapsed time, automatic reverse at cycle end with adjustable time stop.
- Torque reached signal and lever signal, remote start and reverse contacts.
- Serial port for data downloading available on request for all models.
- ACE screw counter to monitor the fastening assembly process.

The EDU1BR/SG and EDU2BR/SG control units for BRL..CA screwdrivers feature a maintenance free state-of-the-art electronics with no wearing components.

They come standard with:

- torque knob to adjust the torque with current control tools
- selection of two ranges of torque through a switch in the front panel:
L (from 0 to 30% of the torque range) and H (from 20 to 100%)
- slow start (0-2 sec) and adjustable speed (60% to 100%)
- visual indicators (green-yellow-red) for power on/off, torque reached or not reached
- input: start and reverse contacts
- output 24V for torque reached and lever signals.

All EDU..BR controllers can drive either current control tools and clutch tools.

In particular:

- EDU1BR/SG are intended for use with BRL07, 10 & 16 AS and BRL 07, 10FR.
- EDU2BR/SG are intended for use with BRL27, 35 & 45 both AS and FR.

Code	Model	Features	Dimensions mm	Weight kg	Screwdriver
030000	EDU1AE	Programmable with user interface screens	185x125x95	3,150	PLUTO
030000/LTP	EDU1AE/LTP	Lower torque and speed	185x125x95	3,150	PLUTO
030000/C	EDU1AE/C	Remote double torque selection	185x125x95	3,150	PLUTO
030002	EDU1AE/MT	Max torque time option	185x125x95	3,150	PLUTO
030002/LTP	EDU1AE/MT/LTP	Max torque time option - lower torque and speed	185x125x95	3,150	PLUTO
030000/TOP	EDU1AE/TOP	With programmable system - 8 different programs	236x12x208	4,0	PLUTO
030000/TOP/LTP	EDU1AE/TOP/LTP	With programmable system - 8 different programs lower torque and speed	236x12x208	4,0	PLUTO
030002/TOP	EDU1AE/MT/TOP	With programmable system - 8 different program Max torque time option	236x12x208	4,0	PLUTO
030002/TOP/LTP	EDU1AE/MT/TOP/LTP	With programmable system - 8 different program Max torque time option - lower torque and speed	236x12x208	4,0	PLUTO
001000/SG	EDU1BR/SG	slow start and adjustable speed, INPUT: start and reverse contacts, external stop and L/H torque switch OUTPUT: torque reached & lever & error signals	135x180x65	0,95	BRL07, 10 & 16
002000/SG	EDU2BR/SG	slow start and adjustable speed, INPUT: start and reverse contacts, external stop and L/H torque switch OUTPUT: torque reached & lever & error signals	135x180x65	0,95	BRL27, 35 & 45