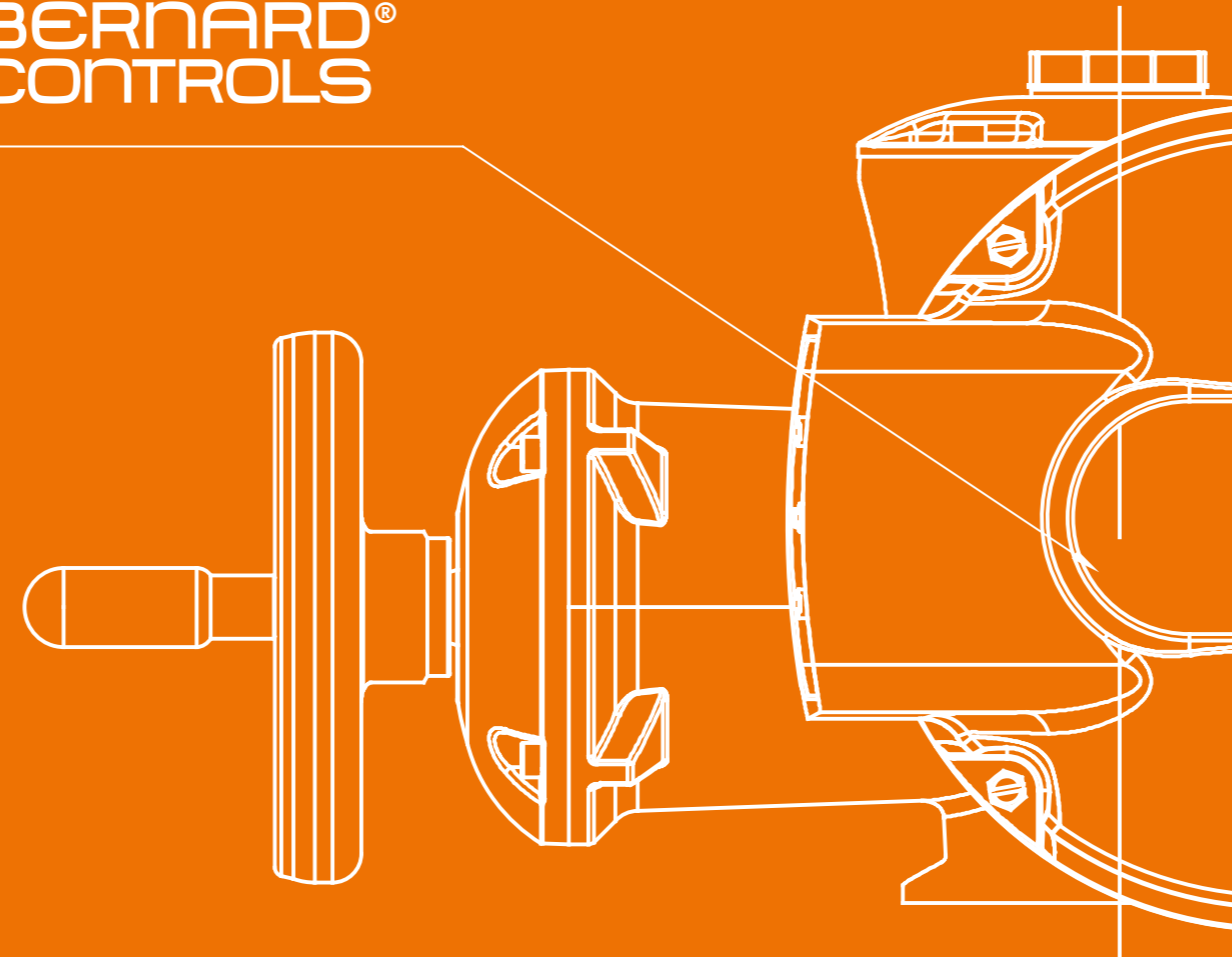
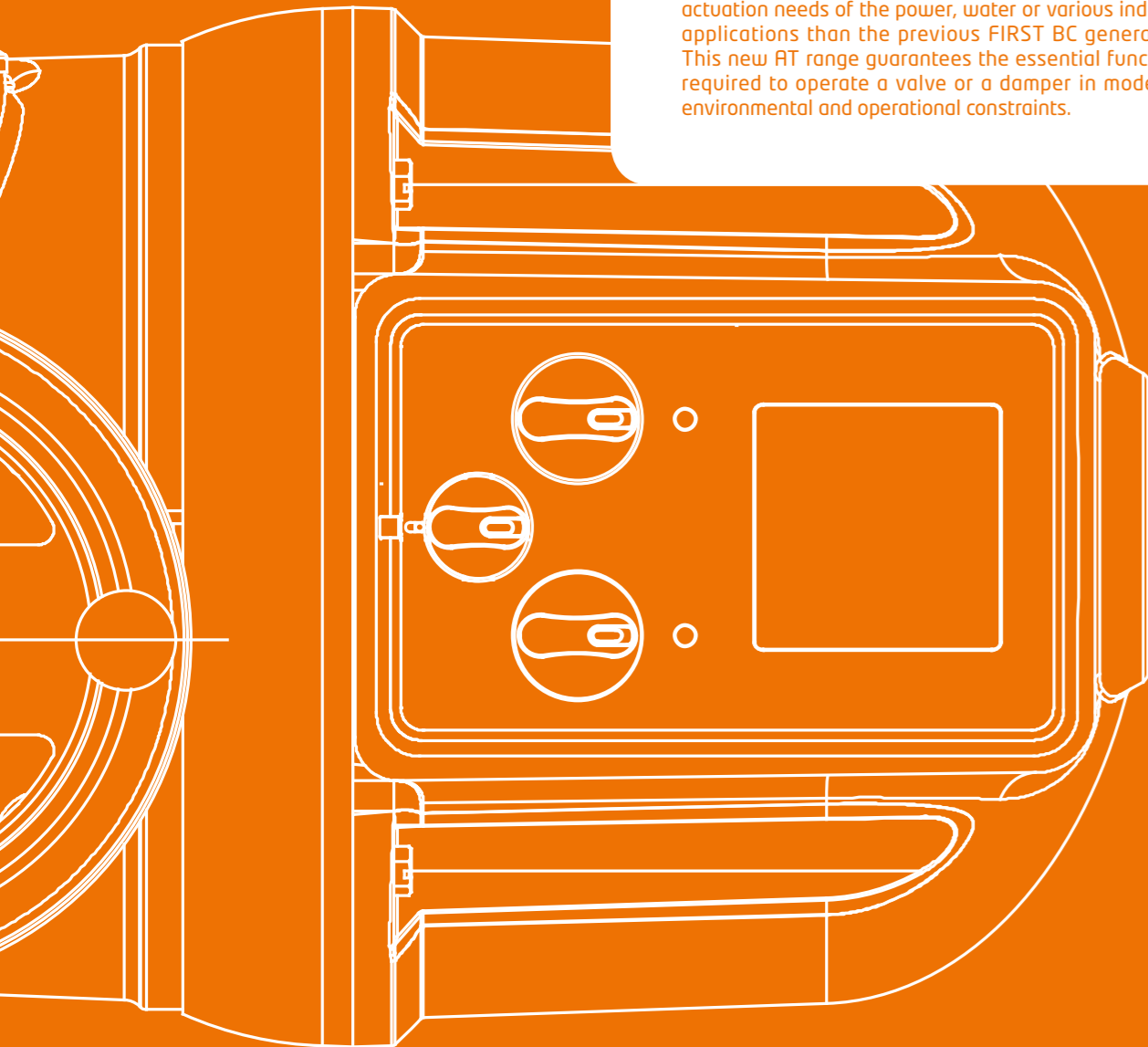




Be it for common flow control in a thermal power plant, in a water treatment plant, for ventilation systems or for any other kind of industrial applications, you need a compact, simple and reliable electric actuation solution.

In case of **moderate environmental and operational constraints**, BERNARD CONTROLS has created the FIRST BC label to identify products and solutions which offer to users **the Essentials**: the key functions to operate your valve safely and efficiently in case of **standard applications**.

In 2017, the FIRST BC label turns over a new leaf with the launch of product ranges with a brand new design - compact and optimized for their use. The quarter-turn applications can now be addressed with the AT range. These electric actuators are even more closer to standard actuation needs of the power, water or various industry applications than the previous FIRST BC generation. This new AT range guarantees the essential functions required to operate a valve or a damper in moderate environmental and operational constraints.



## BERNARD CONTROLS GROUP

### CORPORATE HEADQUARTERS

4 rue d'Arsonval - CS 70091 / 95505 Gonesse CEDEX France / Tel. : +33 (0)1 34 07 71 00 / Fax : +33 (0)1 34 07 71 01 / mail@bernardcontrols.com

### CONTACT BY OPERATING AREAS

#### > AMERICAS

**NORTH AMERICA**  
BERNARD CONTROLS UNITED STATES  
HOUSTON  
inquiry.usa@bernardcontrols.com  
Tel. +1 281 578 66 66

**SOUTH AMERICA**  
BERNARD CONTROLS LATIN AMERICA  
inquiry.southamerica@bernardcontrols.com  
Tel. +1 281 578 66 66

#### > ASIA

**CHINA**  
BERNARD CONTROLS CHINA &  
BERNARD CONTROLS CHINA NUCLEAR  
BEIJING  
inquiry.china@bernardcontrols.com  
Tel. +86 (0) 10 6789 2861

**KOREA**  
BERNARD CONTROLS KOREA  
SEOUL  
inquiry.korea@bernardcontrols.com  
Tel. +82 (0)2 553 6957

**SINGAPORE**  
BERNARD CONTROLS SINGAPORE  
SINGAPORE  
inquiry.singapore@bernardcontrols.com  
Tel. +65 65 654 227

#### > EUROPE

**BELGIUM**  
BERNARD CONTROLS BENELUX  
NIVELLES (BRUSSELS)  
inquiry.belgium@bernardcontrols.com  
inquiry.holland@bernardcontrols.com  
Tel. +32 (0)2 343 41 22

**FRANCE**  
BERNARD CONTROLS FRANCE &  
BERNARD CONTROLS NUCLEAR FRANCE  
GONESSE (PARIS)  
inquiry.france@bernardcontrols.com  
Tel. +33 (0)1 34 07 71 00

**GERMANY**  
BERNARD CONTROLS DEUFRA  
TROI SDORF (KÖLN)  
inquiry.germany@bernardcontrols.com  
Tel. +49 2241 9834 0

**ITALY**  
BERNARD CONTROLS ITALIA  
RHO (MILANO)  
inquiry.italy@bernardcontrols.com  
Tel. +39 02 931 85 233

**RUSSIA**  
BERNARD CONTROLS RUSSIA  
inquiry.russia@bernardcontrols.com  
Tel. +33 (0)1 34 07 71 00

**SPAIN**  
BERNARD CONTROLS SPAIN  
MADRID  
inquiry.spain@bernardcontrols.com  
Tel. +34 91 30 41 139

#### > INDIA, MIDDLE EAST & AFRICA

**AFRICA**  
BERNARD CONTROLS AFRICA  
ABIDJAN - IVORY COAST  
inquiry.africa@bernardcontrols.com  
Tel. + 225 21 34 07 82

**INDIA**  
BERNARD CONTROLS INDIA  
inquiry.india@bernardcontrols.com  
Tel. +971 4 880 0660

**MIDDLE-EAST**  
BERNARD CONTROLS MIDDLE-EAST  
DUBAI - U.A.E.  
inquiry.middleeast@bernardcontrols.com  
Tel. +971 4 880 0660

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New

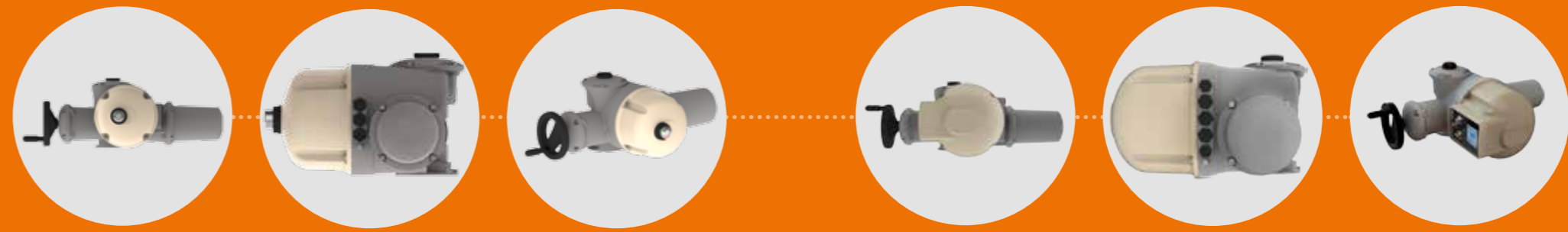
Weatherproof  
Multi-turn Actuators  
**AT RANGE**



# > AT range

## The essentials

for multi-turn electric actuation



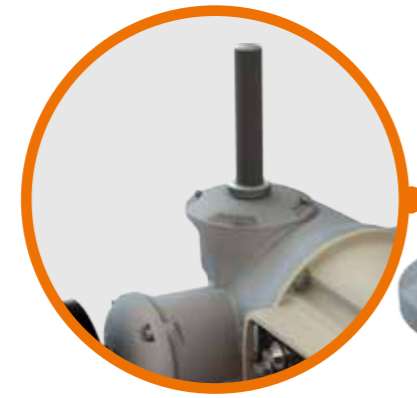
AT3 - AT6L - AT6 - AT14 - AT25 - AT50  
SWITCH version

AT3 - AT6L - AT6 - AT14 - AT25 - AT50  
LOGIC version

### Product overview

#### Wide Stem Acceptance

- > suitable for rising stem thanks to a removable screw cap
- > easy & watertight fixation of the stem cover



#### Declutch-free handwheel

- > with motor priority
- > with foldable handle



#### User-friendly local commands

through 2 buttons + 1 padlockable selector

#### New mobile application BC App

"Set up your actuator and more in a few clicks!"

- > Set up & Operate your actuator using your mobile phone
- > Get access to clear descriptions of alarms, troubleshooting functions, documentation, Bernard Controls Assistance
- > Upload & change the full actuator configuration in one step
- > Even complex settings are made easier



#### Two possible positions for the cover



#### Heavy duty design

Full aluminium enclosure protected by durable powder coating Grey & Champagne!

#### Mechanical position indicator

- > On SWITCH VERSION: Easy & quick customization of color indication & orientation from the outside



#### Product specifications

- 30 to 500 Nm (direct) & up to 8,000 Nm on request
- 10 to 127 rpm (direct)
- Type of Controls:
  - > Electromechanical SWITCH
  - > Integrated LOGIC (V2)
- Wiring:
  - > Screw Type Terminal
- BC Duty & Modulating Classification
  - > On-Off: Class A
  - > Inching/Positioning: Class B
  - > Modulating: Class III
- IP68
- Corrosive environment: C3
- Operating temp.: -20...+60°C (-40°C as an option)

#### Large LCD display

Easily orientable in few clicks on the BC APP or through local commands



### Product benefits

#### Innovative, reliable & unique design

- > Product architecture & torque range adapted to customers' requirements: 6 models from 30 to 500 Nm
- > Selection of the essential features to ensure a competitive but performing solution: actuator duty from On-Off to Modulating, heavy duty enclosure protection, IP68, integrated control, wide range of output speeds...
- > New reliable camblock system unaffected by vibrations. Fully new & unique design with internal modularity for compact solution, e.g. modular position sensor enables up to 1700 turns with the same product

#### Easy to install

- > Easy commissioning: set up of travel limitation system (new camblock) with a standard screwdriver (similar to FIRST BC AQ range), only two standard tools required to install and set up the actuator on valve, wiring reduced to the minimum for fast assembly
- > Large LCD display on LOGIC version for user-friendly commissioning and local command. Easily orientable (4-way direction) in few clicks
- > Product suitable for rising stem thanks to adjustable torque sensor from 40 to 100%

#### Easy to maintain

- > Declutch-free manual override for quick intervention on site
- > Mechanical position indicator on SWITCH versions: check the position of your valve at a glance
- > BC APP: Bernard Controls new mobile application for setting, operating, troubleshooting and easy access to documentation

#### The main functions of integrated control with the new LOGIC control (v2)

- > Turn-key, time & cost-saving solution
- > User-friendly & intuitive
- > Non-intrusive setting for enhanced safety and reliability
- > Compatible with common fieldbus protocols: Modbus RTU, Profibus DPV1.
- > Bluetooth communication (as standard) to communicate with Bernard Controls' BC App



\*except RT25 and RT50 at 127rpm



Full range description, product specifications and technical data on BERNARD CONTROLS' website.