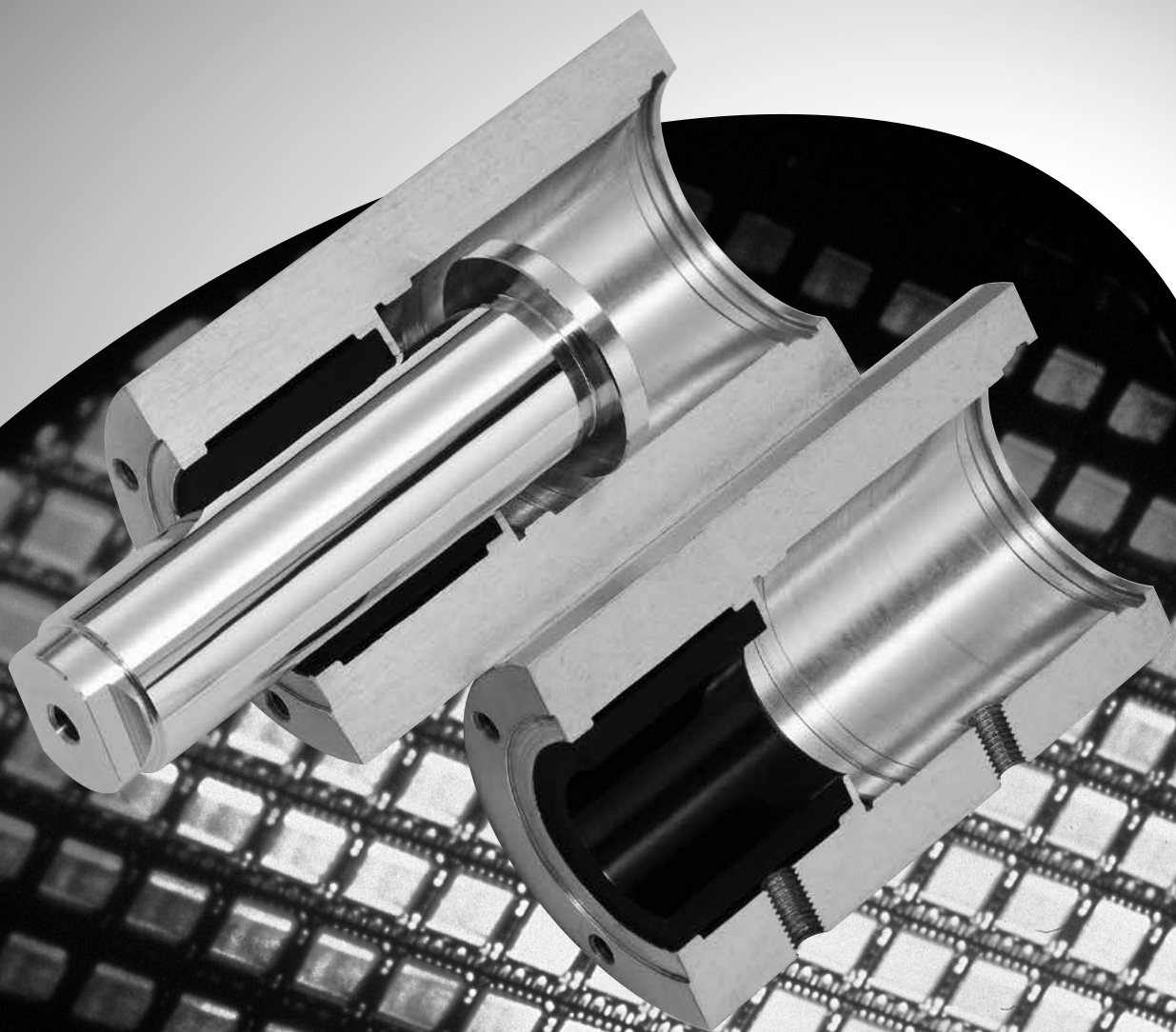


# Actuators breaking free of sliding resistance 0

LCM  
LCR  
LCG  
LCW  
LCX  
STM  
STG  
STS/STL  
STR2  
UCA2  
ULK\*  
JSK/M2  
JSG  
JSC3/JSC4  
USSD  
UFCD  
USC  
UB  
JSB3  
LMB  
LML  
HCM  
HCA  
**LBC**  
CAC4  
UCAC2  
CAC-N  
UCAC-N  
RCS2  
RCC2  
PCC  
SHC  
MCP  
GLC  
MFC  
BBS  
RRC  
GRC  
RV3\*  
NHS  
HRL  
LN  
Hand  
Chuk  
MecHnd/Chuk  
ShkAbs  
FJ  
FK  
SpdContr  
Ending



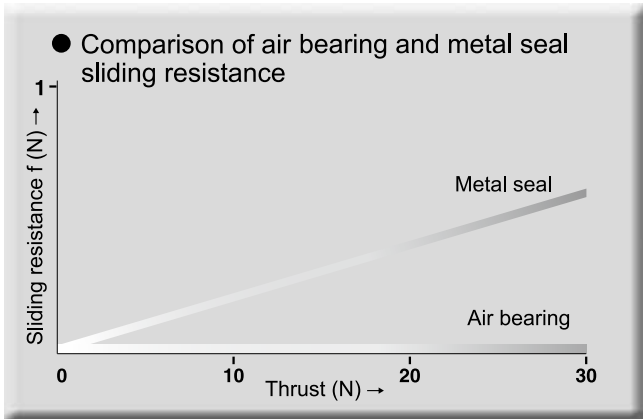
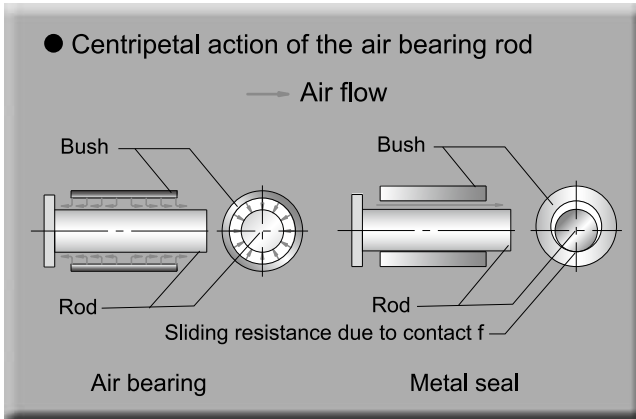
# LBC Series

Air bearing actuator

# Minimum control load 0.01 N

Air static pressure type soft actuator LBC Series based on non-contact air bearing mechanism with zero sliding resistance.

The actuator enables sensitive and precise load control when combined with an electro-pneumatic regulator (EV).



## Appropriate for clean environments

Non-contact, non-lubricated air driving method without generating dust. The product is appropriate for clean environments.

## Soft touch

Due to allowable minimum load control of 0.01 N, a soft touch on the workpiece is possible. The workpiece is not exposed to impact or damaged.

## Optimum load for workpiece

The best load according to the purpose and application will be applied to the workpiece.

## Excellent response

The rod (moving part) made of light aluminum alloy enables excellent response.

## Space-saving & compact

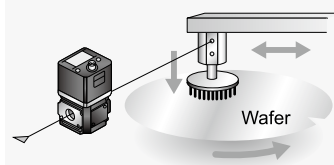
(Note) Rod return mechanism is not provided. If returning the rod is necessary in horizontal or vertical downward applications, combine any other cylinder to return the LBC itself.

## High precision linear control

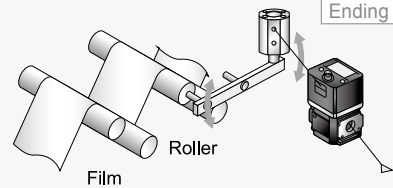
As there is no sliding resistance, high precision linear load control is possible with the electro-pneumatic regulator (EV-FL).

### Applications (Note)

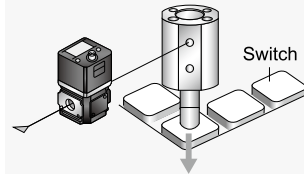
- For scrubber washing machine or disc lapping



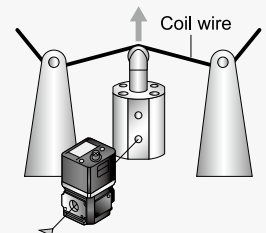
- Film tension control



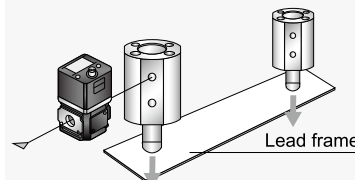
- Inspection of pressure-sensitive sensor and pressure-sensitive switch



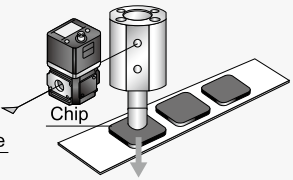
- Coil winding tension control



- Retaining lead frame



- Chip parts assembly



LCM
LCR
LCG
LCW
LCX
STM
STG
STS/STL
STR2
UCA2
ULK*
JSK/M2
JSG
JSC3/JSC4
USSD
UFCD
USC
UB
JSB3
LMB
LML
HCM
HCA
<b>LBC</b>
CAC4
UCAC2
CAC-N
UCAC-N
RCS2
RCC2
PCC
SHC
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