



Pneumatic CylindersII
Catalog No. CB-030SA

Air bearing actuator Single acting/push LBC Series

P4 compliant
as standard



Specifications

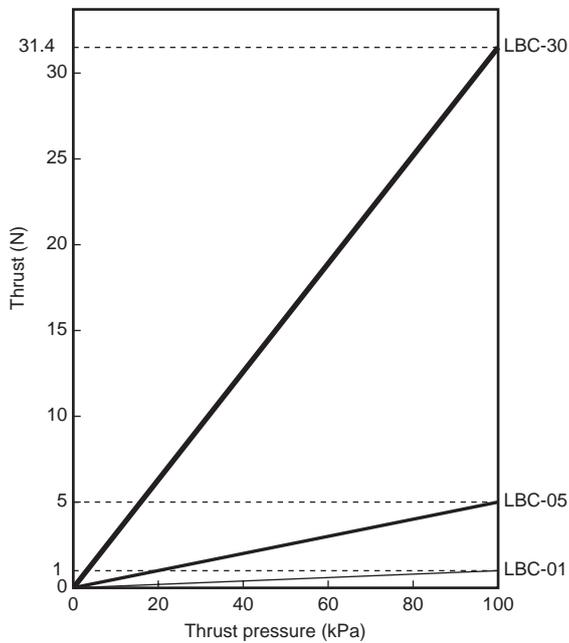
Item	LBC-01	LBC-05	LBC-30
Actuation	Single acting/push (*1)		
Working fluid	Clean compressed air (JIS B 8392-1: 2003 Grade 1.3.2 or equivalent)		
Working pressure MPa	Air bearing port	0.3 to 0.5	
	Thrust port	0.002 to 0.1	
Ambient temperature °C	5 to 35		
Proof pressure MPa	0.75		
Pressurized area mm ²	10	50	314
Thrust range N	0.02 to 1.0	0.1 to 5.0	0.6 to 31.4
Stroke mm	5 ⁺¹ ₀		30 ⁺¹ ₀
Allowable lateral load N	1.2	0.8	4.0
Weight g	50	45	345
Movable part weight (*2) g	5	4.5	65
Bearing part air consumption (*3) l/min	2.5 or less	2.5 or less	7.5 or less

*1: Rod return mechanism is not available.

*2: Movable part weight is: rod, stopper, crossIndicates the total weight of the flat head screw with holes.

*3: Value when bearing pressure is 0.5 MPa

Thrust characteristics



How to order



A Thrust

Code	Description
A	Thrust
01	1 N
05	5 N
30	30 N