

Clean Room Hand LHAC Series

Gripper Designed to Achieve High Durability for Use in High-Speed Applications

Key Features

- Integral linear guide used for high rigidity, high accuracy, and long service life
- Supporting long external finger



LHAC-03AS

Body Material Aluminum
 Guide Material SUS 440C Equivalent
 Bolt Material SUS
 Grease Fluorine Grease

Please contact us if you use the product under special environment

Clean packaging is not available

How To Order

Standard ----- LHAC-006AS

Option ----- LHAC- **01AS** - **ET3S2** - **NO**

LHAC-01-NO (single acting normally open) with 2 of ET3 non-contact reed switches

Clean Room & Special Type

Size	
Symbol	
006AS	06AS
01AS	
03AS	
04AS	
05AS	

Sensor, Quantity			
Symbol	Name	Symbol	Name
ET3	Non-Contact 3-Lead	E24L	Contact 2-Lead
ET3L	Non-Contact 3-Lead	E25	Contact 2-Lead
ET2	Non-Contact 2-Lead	E25L	Contact 2-Lead
ET2L	Non-Contact 2-Lead	S1	1 Sensor
E24	Contact 2-Lead	S2	2 Sensors

Option			
Symbol	Name	Symbol	Name
NO	Normally Open		
NC	Normally Closed		

*06AS only

For sensor detail ▶ 277P

For option detail ▶ 36P

Specification

Model	LHAC-006AS	LHAC-01AS	LHAC-03AS	LHAC-04AS	LHAC-05AS	LHAC-06AS
	For Layout Drawing ▶ 318P	For Layout Drawing ▶ 318P	For Layout Drawing ▶ 319P	For Layout Drawing ▶ 319P	For Layout Drawing ▶ 320P	For Layout Drawing ▶ 320P
Working Pressure	Pneumatic: 0.1 to 0.7MPa					
Lubrication	Not Required or Turbine Oil Class 1 (ISOVG32)					
Ambient Temperature (°C)	5 to 60					
Total Jaw Stroke (mm)	4	5	9	11	15	20
Cylinder Diameter (mm)	dia.6	dia.12	dia.16	dia.20	dia.25	dia.32
Rod Diameter (mm)	dia.3	dia.6	dia.8	dia.10	dia.12	dia.16
Internal Volume [Reciprocation] (cm ³ /time)	0.10	0.32	1.58	2.89	6.32	14.07
Repeatability (mm)	±0.01					
Weight (kg)	0.04	0.085	0.15	0.36	0.52	0.82

LHAC-006AS/01AS/03AS/04AS/05AS/06AS

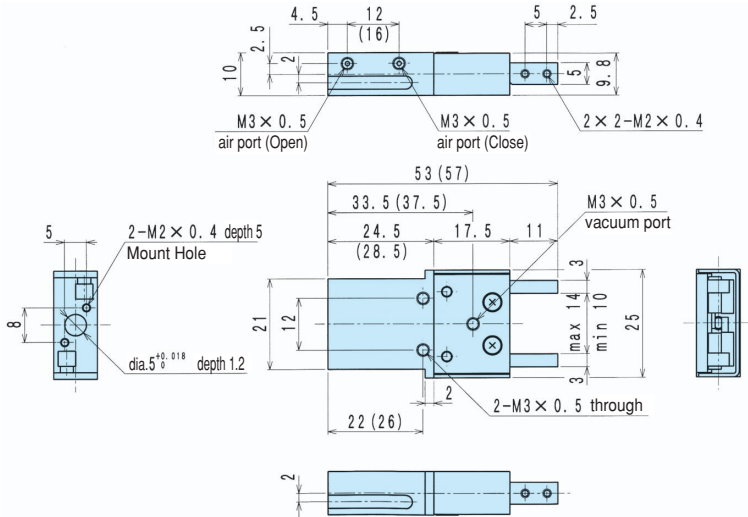
Layout Drawing

For CAD data, please go to **▶518P**

■LHAC-006AS (Optimal Grip Force 5N to 11N)

LHAC-006AS Standard • NO • NC

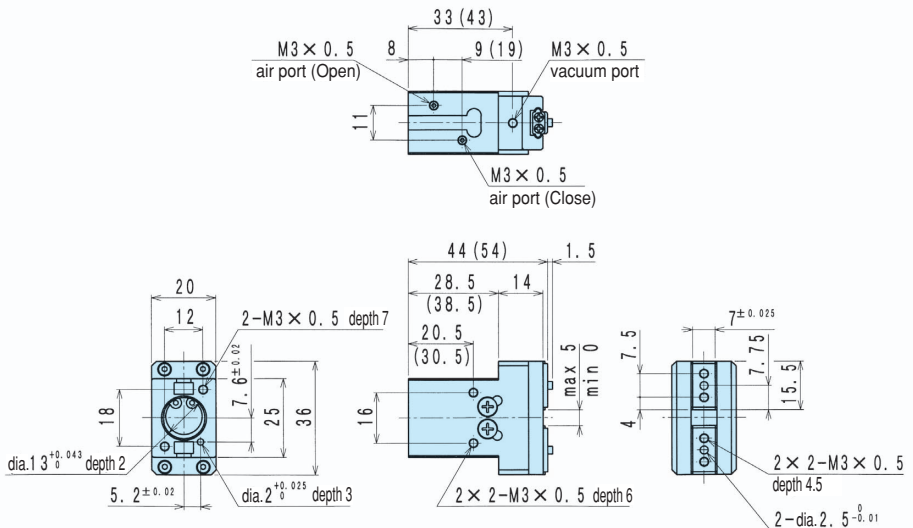
*Values inside () are for NO (Normally Open) and NC (Normally Closed) type



■LHAC-01AS (Optimal Grip Force 15N to 30N)

LHAC-01AS Standard • NO • NC

*Values inside () are for NC (Normally Closed) type



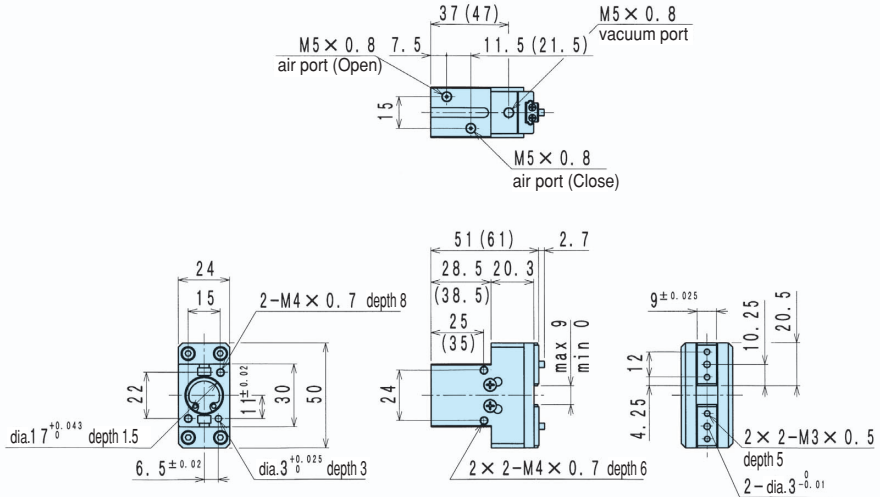
Clean Room Hand LHAC Series

Layout Drawing

■ LHAC-03AS (Optimal Grip Force 30N to 50N)

LHAC-03AS Standard • NO • NC

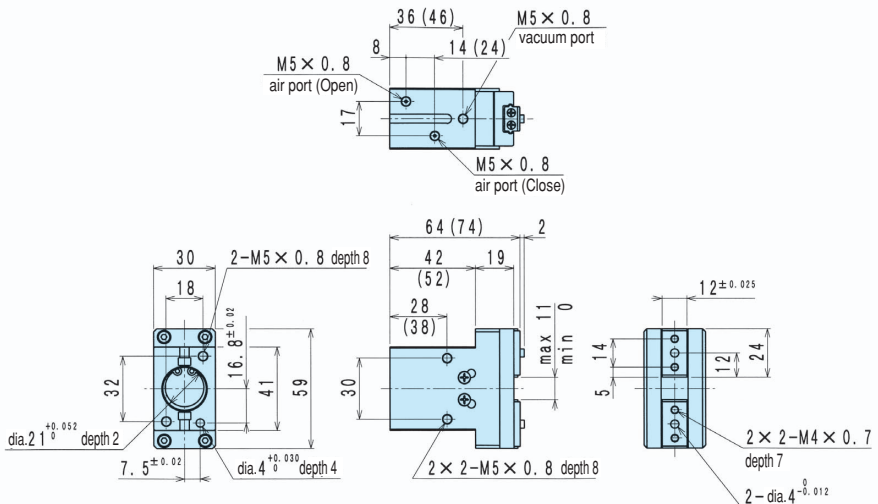
*Values inside () are for NC (Normally Closed) type



■ LHAC-04AS (Optimal Grip Force 40N to 80N)

LHAC-04AS Standard • NO • NC

*Values inside () are for NC (Normally Closed) type



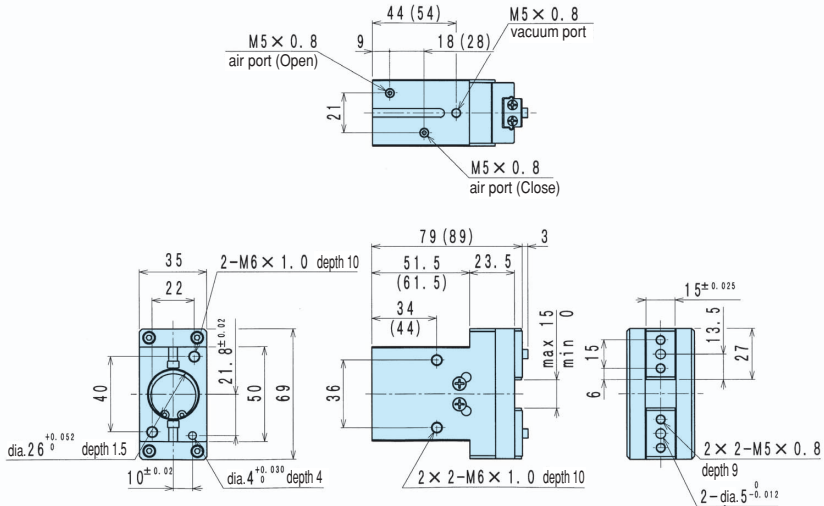
LHAC-006AS/01AS/03AS/04AS/05AS/06AS

For CAD data, please go to **▶518P**

■ LHAC-05AS (Optimal Grip Force 80N to 150N)

LHAC-05AS Standard • NO • NC

*Values inside () are for NC (Normally Closed) type



■ LHAC-06AS (Optimal Grip Force 100N to 250N)

LHAC-06AS Standard • NO • NC

*Values inside () are for NO (Normally Open) and NC (Normally Closed) type

