

CKJ Series Thin Long Stroke Chuck

Long Stroke and Thin Body Gripper

Key Features

■ Thin body design

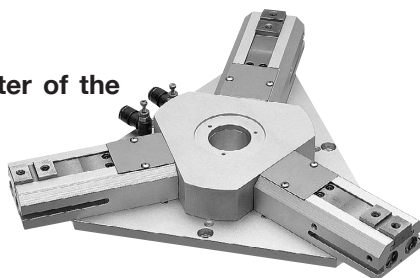
Low profile design and high grip force

■ Long stroke

For handling large diameter workpieces

■ Hollow body (dia.30mm hole in the center of the body) for pusher

The center hole for mounting sensors, pushers, or camera, etc.



CKJ-16AS

How To Order

Standard ----- **CKJ-16AS**

Option ----- **CKJ - 16AS - S1 - ET3S2** ----- Short stroke type CKJ-16AS with 2 of ET3 non-contact reed switches

Model	
Symbol	Name
CKJ	3-Jaw
CKJB	2-Jaw
CKJ-□□-S1 *1	Short Stroke

Size	
Symbol	Name
16AS	16AS
40AS	40AS
63AS	63AS
100AS *2	100AS

Stroke	
Symbol	Name
No Symbol	Normal
S1 *1	Short Stroke Type

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

*1 Please be careful when ordering S1 of --AS-S1 (=Short Stroke) not to get confused with S1 of ET3S1 (means ET3 x 1)

*2 CKJB only

For sensor detail



Specification

Model	CKJ-16AS <small>For Layout Drawing V203P</small>	CKJ-40AS <small>For Layout Drawing V205P</small>	CKJ-63AS <small>For Layout Drawing V207P</small>	CKJ-16AS-S1 <small>For Layout Drawing V204P</small>	CKJ-40AS-S1 <small>For Layout Drawing V206P</small>	CKJ-63AS-S1 <small>For Layout Drawing V207P</small>	CKJB-100AS <small>For Layout Drawing V208P</small>
Working Pressure	Pneumatic: 0.3 to 0.7MPa						
Lubrication	Not Required or Turbine Oil Class 1 (ISOVG32)						
Ambient Temperature (°C)	5 to 60						
Total Jaw Stroke (mm)	80	80	130	40	40	65	130
Cylinder Diameter (mm)	dia.12×6	dia.32×6	dia.50×6	dia.12×6	dia.32×6	dia.50×6	Equivalent to dia.100
Rod Diameter (mm)	dia.6×6	dia.12×6	dia.14×6	dia.6×6	dia.12×6	dia.14×6	dia.24
Internal Volume [Reciprocation] (cm ³ /time)	47.5	358.8	1471	23.8	179.4	735.5	2336
Repeatability (mm)	±0.1						
Weight (kg)	2.38	5.6	18.5	1.35	4.2	13	17.4