

CKF Series Hollow Chuck

Light-Weight and Compact Body Design with Hollow Center for Multi-Function

Key Features

■ Body with hollow center

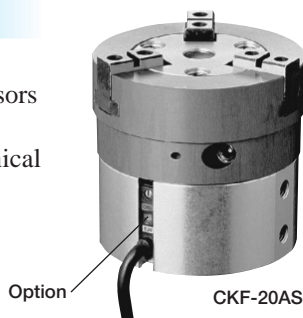
Hollow center for mounting pushers, air blows, and sensors

■ Center hollow

Center hole size is independent from internal mechanical motions

■ No adjustment for multi-purpose application

Long motion stroke for multi-purpose use



How To Order

Standard ----- **CKF-15AS**

Option ----- **CKF - 15AS - ET3S2 - CG**

CKF-15AS with center cover guide with 2 of ET3 non-contact reed switches

Size	
Symbol	
15AS	
20AS	
25AS	
30AS	
40AS	

Sensor, Quantity			
Symbol	Name	Symbol	Name
ET3 *1	Non-Contact 3-Lead		
ET3L *2	Non-Contact 3-Lead		
ET2 *1	Non-Contact 2-Lead		*1 30AS and 40AS requires mounting bracket to mount this switch *2 Except 30AS and 40AS
ET2L *2	Non-Contact 2-Lead		
S1	1 Sensor		
S2	2 Sensors		

Option			
Symbol	Name	Symbol	Name
NO	Normally Open		
NC	Normally Closed		
CG	With Center Cover Guide		
SH	Sensor Pre-mounted		
AB	Air Blow		
CW	Cylinder Pusher		

For sensor detail ▶ **277P**

For option detail ▶ **36P**

Specification

Model	CKF-15AS	CKF-20AS	CKF-25AS	CKF-30AS	CKF-40AS
	For Layout Drawing ▶ 248P	For Layout Drawing ▶ 248P	For Layout Drawing ▶ 249P	For Layout Drawing ▶ 249P	For Layout Drawing ▶ 250P
Working Pressure	Pneumatic: 0.3 to 0.7MPa				
Lubrication	Not Required or Turbine Oil Class 1 (ISOVG32)				
Ambient Temperature (°C)	5 to 60				
Hollow Diameter (mm)	dia.5.4	dia.8.4	dia.10.4	dia.12	dia.16
Total Jaw Stroke (mm)	5	5	7	8	16
Cylinder Diameter (mm)	dia.30	dia.40	dia.40	dia.50	dia.80
Rod Diameter (mm)	dia.16	dia.24	dia.24	dia.28	dia.34
Internal Volume [Reciprocation] (cm ³ /time)	2.5	5.2	7.3	13.3	73.2
Repeatability (mm)	±0.03				
Weight (kg)	0.29	0.43	0.63	1.2	2.3