

CKR Series Swivel Chuck

Powerful Chuck with Rotational Function

Key Features

- Integrated powerful compact chuck with rotation function
- Fixed pipings and wirings not affected by motion
- Timing pulley suitable for locating



CKR-50AS

How To Order

Standard ----- **CKR-20AS**

Option ----- **CKR - 20AS - ET3S2 - Z** ----- CKR-20AS with 2 of ET3 non-contact reed switches and special processing.

Size	
Symbol	Name
20AS	63AS
25AS	
32AS	
40AS	
50AS	

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
Z	Special Type (Custom)

For sensor detail ▶ 277P

For option detail ▶ 36P

Specification

Model	CKR-20AS <small>For Layout Drawing ▶ 486P</small>	CKR-25AS <small>For Layout Drawing ▶ 486P</small>	CKR-32AS <small>For Layout Drawing ▶ 487P</small>	CKR-40AS <small>For Layout Drawing ▶ 487P</small>	CKR-50AS <small>For Layout Drawing ▶ 488P</small>	CKR-63AS <small>For Layout Drawing ▶ 488P</small>
Working Pressure	Pneumatic: 0.3 to 0.7MPa					
Lubrication	Not Required or Turbine Oil Class 1 (ISOVG32)					
Ambient Temperature (°C)	5 to 60					
Allowable Rotation Speed (rpm)	max.100					
Swivel Angle	360°					
Total Jaw Stroke (mm)	5	6	8	10	12	16
Cylinder Diameter (mm)	dia.20	dia.25	dia.32	dia.40	dia.50	dia.63
Rod Diameter (mm)	dia.6	dia.8	dia.10	dia.12	dia.14	dia.16
Internal Volume [Reciprocation] (cm ³ /time)	1.8	3.3	7.7	15.6	28.3	60.3
Repeatability (mm)	±0.01					
Weight (kg)	0.75	0.82	0.87	1.47	1.65	2.08