

CKP Series Chuck w/ Built-In Pusher

No Need to Design Pusher

Key Features

- 3 mounting positions according to available space
- Sensors can be mounted on each cylinder of chuck and pusher
- 2-jaw or 3-jaw can be selected based on your requirements



CKPA-20A

How To Order

Standard ----- **CKPB-20A**

Option ----- **CKPB - 20A S - W - ET3S2 - Z** --- CKPB-20AS with Spring Pusher and 2 of ET3 non-contact reed switches and special processing.

Model		Size	Sensor	Pusher Type
Symbol	Name	Symbol	Symbol	Name
CKPB	2-Jaw	20A	S Pusher Confirmation Sensor	No Symbol: Cylinder Type W Spring Type
CKPA	3-Jaw			

Sensor, Quantity		Option	
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
		Z	Special Type (Custom)

For sensor detail ▶277P

For option detail ▶36P

Clean Room & Special Type

Specification

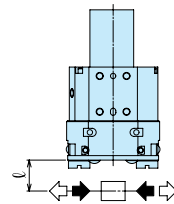
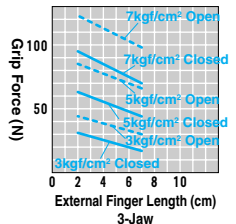
Model	CKPA-20A	CKPB-20A
Working Pressure	Pneumatic: 0.3 to 0.7MPa	
Lubrication	Not Required or Turbine Oil Class 1 (ISOVG32)	
Ambient Temperature (°C)	5 to 60	
Total Jaw Stroke (mm)	6	
Cylinder Diameter (mm)	dia.20	
Rod Diameter (mm)	dia.15	
Internal Volume [Reciprocation] (cm ³ /time)	0.8	
Repeatability (mm)	±0.01	
Pusher Pressing Force	Cylinder at 0.5MPa (N)	10
	Spring Type (N)	1.7 to 3.4
Pusher Stroke (mm)	5	
Weight (kg)	0.38	0.36

Performance Data

■Grip Force

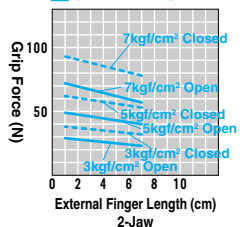
The graph shows grip force in opening and closing with effective external finger lengths l from gripper cover surface under different air pressure (MPa)

■CKPA-20A



Open (←) ---
Closed (→) —

■CKPB-20A

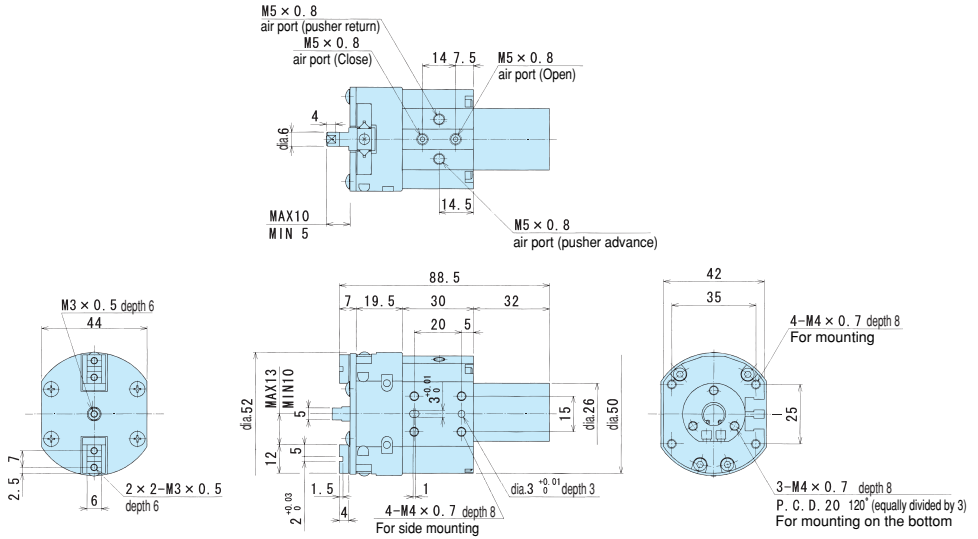


Layout Drawing

For CAD data, please go to **▶518P**

CKPB • CKPA-20A (Optimal Grip Force 20N to 35N)

CKPB-20A Standard



CKPA-20A Standard

