

KHS3

Centric gripper



Wedge type, 3-jaw centric gripper

0.01mm high repeat accuracy

Easier center mounting with positioning pin at the bottom

Flexible mounting : Through holes / Bottom tap

Sensor is applicable

Compact and high durability

Specifications

	Unit	KHS3-16D	KHS3-20D	KHS3-25D	KHS3-32D	KHS3-40D	KHS3-50D	KHS3-63D
Port		M3	M5					
Fluid		Compressed air						
Operating Pressure	MPa	0.2 ~ 0.6			0.1 ~ 0.6			
Ambient Temperature	℃	0 ~ 60						
Lubrication		None lubrication						
Type		Double acting						
Bore	mm	16	20	25	32	40	50	63
Stroke	mm	4	4	6	8	8	12	16
Repeat Accuracy	mm	±0.01						
Frequency	Cycle/min	60	60	50	40			
Weight (Standard)	g	77	102	151	245	375	567	1,022

How to order

KHS3	-	20	D	-		
1		2			3	4

1. Model

: Centric gripper with 3 jaws

2. Tube bore

: Ø16

: Ø20

: Ø25

3. Sensor

: None

: D-A90K

: D-A93K

: D-A96K

: D-Z72K

: D-Z73K

: D-Z80K

: D-F9NK

: D-F9PK

: D-F9BK

: D-Y59AK

: D-Y7PK

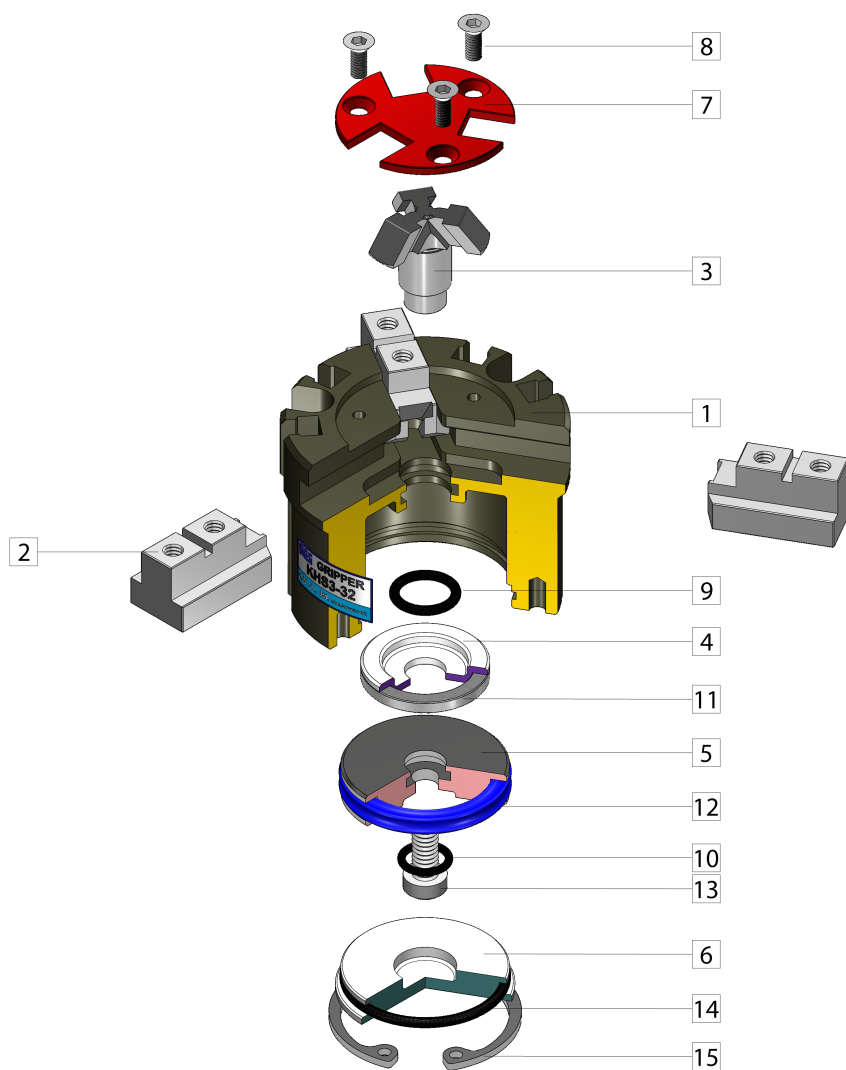
: D-Y59BK

4. Quantity of sensor parts

: 2pcs

: 1pc

Structure

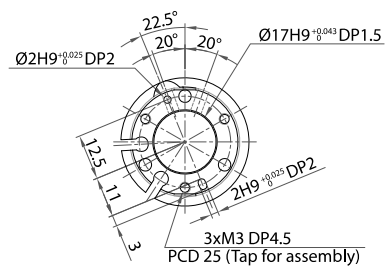
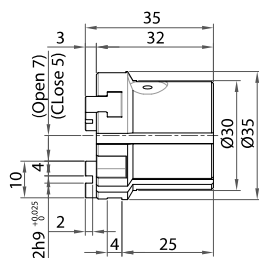
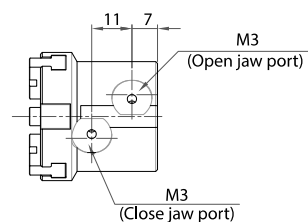
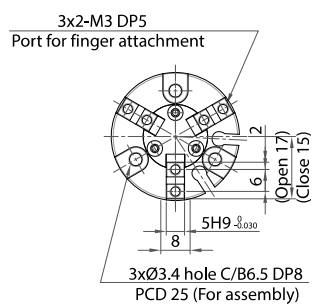


Parts

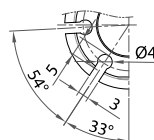
No	Parts	Material	Remark
1	Gripper body	Aluminium alloy	Hard anodizing
2	Jaw	Carbon steel	Heat treatment, Special treatment
3	Plunger	Carbon steel	Heat treatment, Special treatment
4	MG bracket	Aluminium alloy	Anodizing
5	Piston	Aluminium alloy	Anodizing
6	End cover	Aluminium alloy	Anodizing
7	Dust cover	Aluminium alloy	Anodizing
8	Bolt	Stainless steel	
9	O-ring	NBR	
10	O-ring	NBR	
11	Magnet	-	
12	Quad-ring	NBR	
13	Bolt	Stainless steel	
14	O-ring	NBR	
15	Snap-ring	Stainless steel	

Dimensions

- KHS3-16D

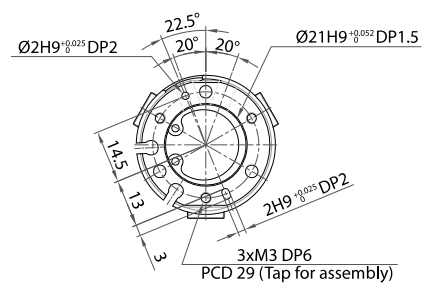
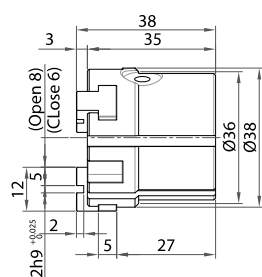
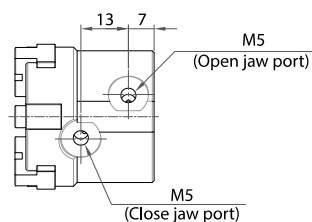
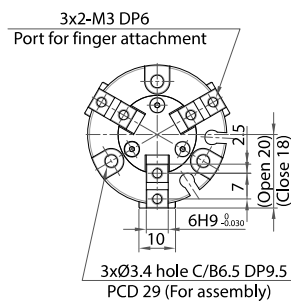


Hole for auto switch

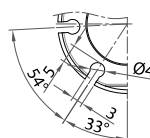


Dimensions

- KHS3-20D

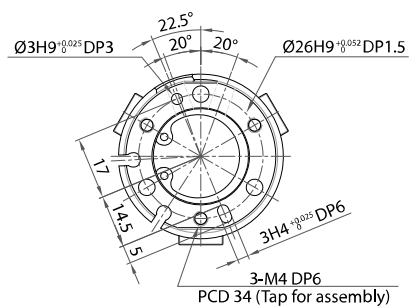
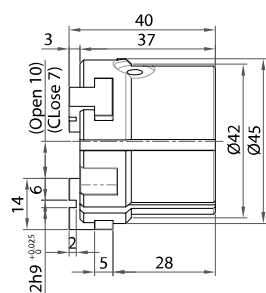
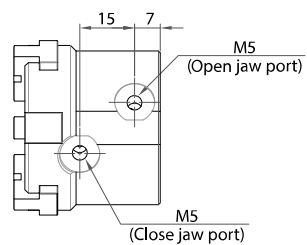
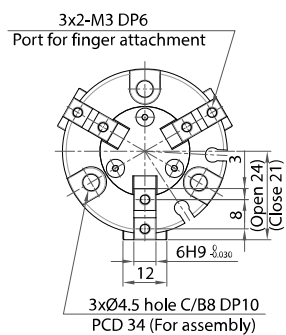


Hole for auto switch

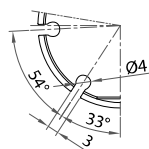


Dimensions

- KHS3-25D

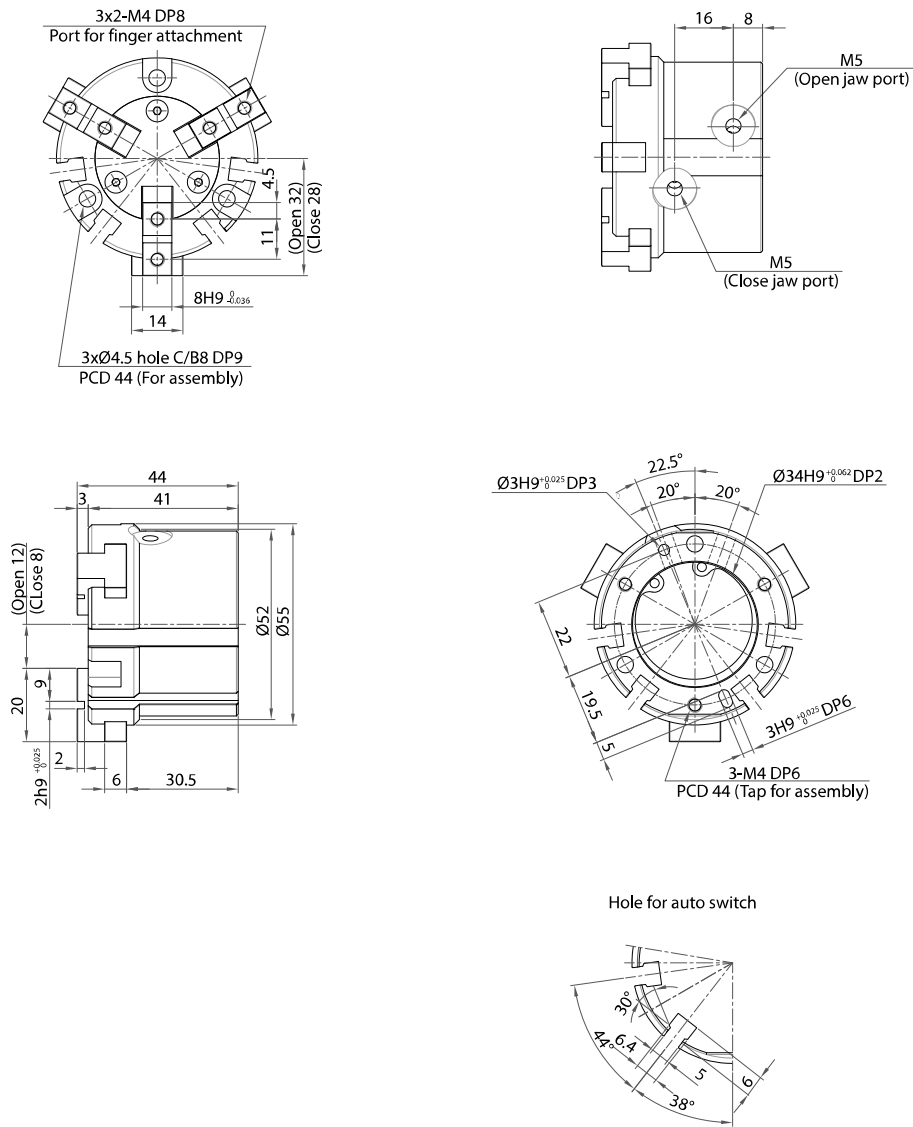


Hole for auto switch



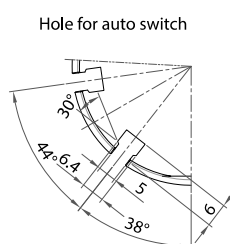
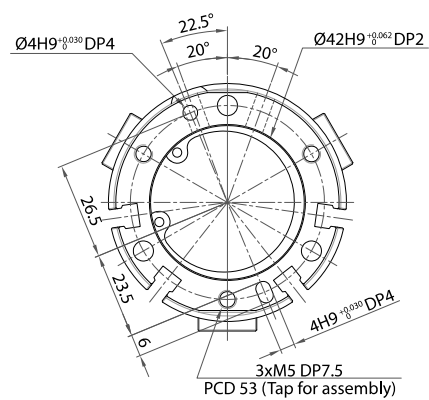
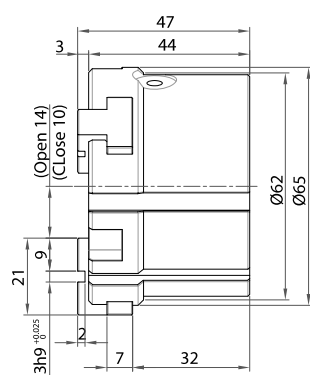
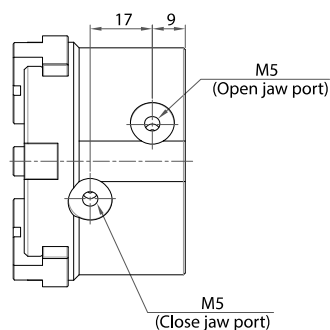
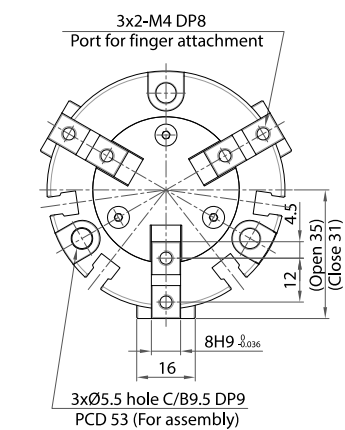
Dimensions

KHS3-32D



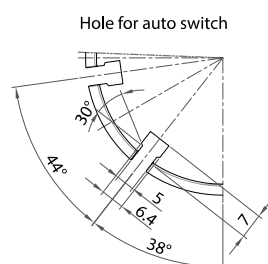
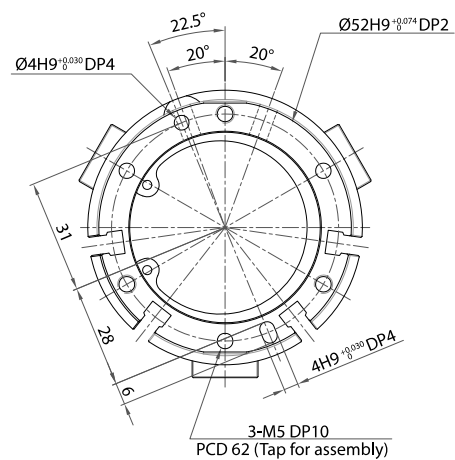
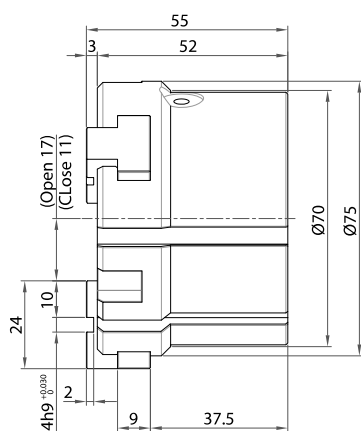
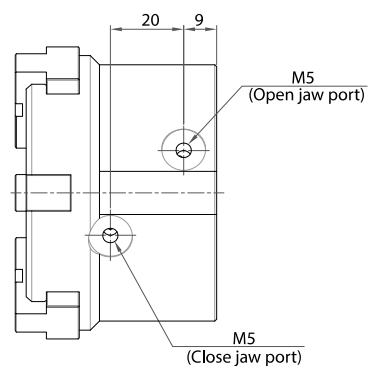
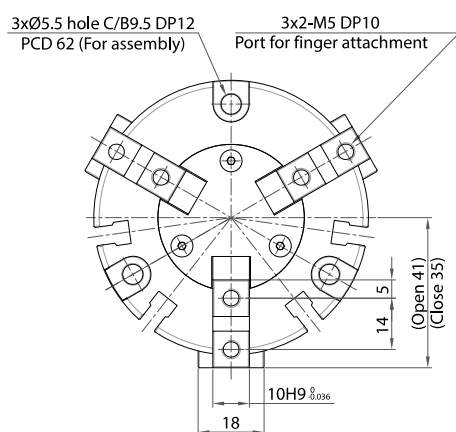
Dimensions

KHS3-40D



Dimensions

KHS3-50D



Dimensions

KHS3-32D

