

# Gripper

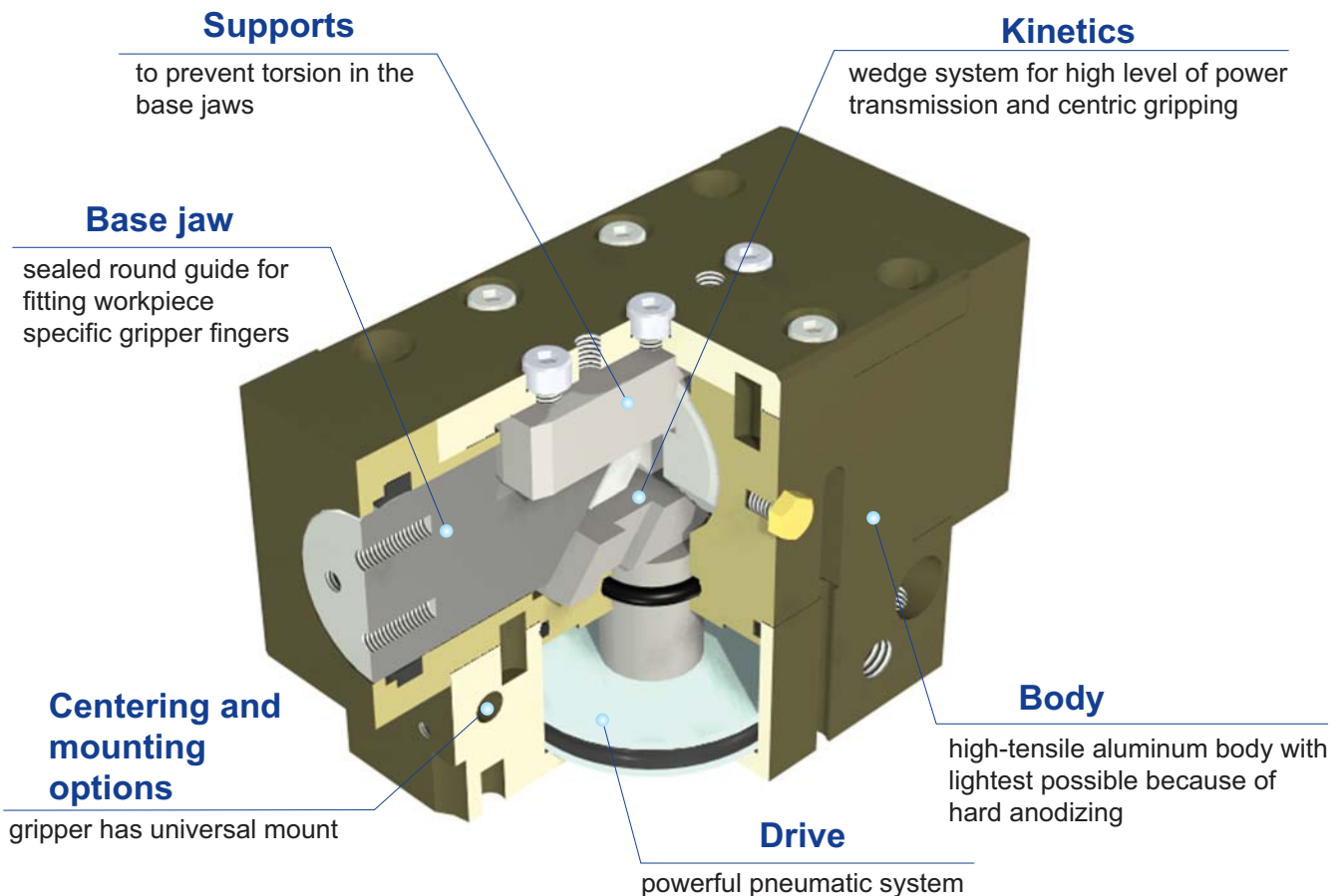
AF30DP-25,30,40,50

## Character

- Reduction of internal wear and tear and friction with special coating of the Jaw.
- It's easy to determine the location of attachments with the fixed fin on the Jaw.
- With the scraper seal, infiltration of foreign materials is prevented.
- Miniscule materials that infiltrate into the product could be discharged using the air outlet port.
- With the attachment of the linear guide, preventing the rotation of the jaw is possible.

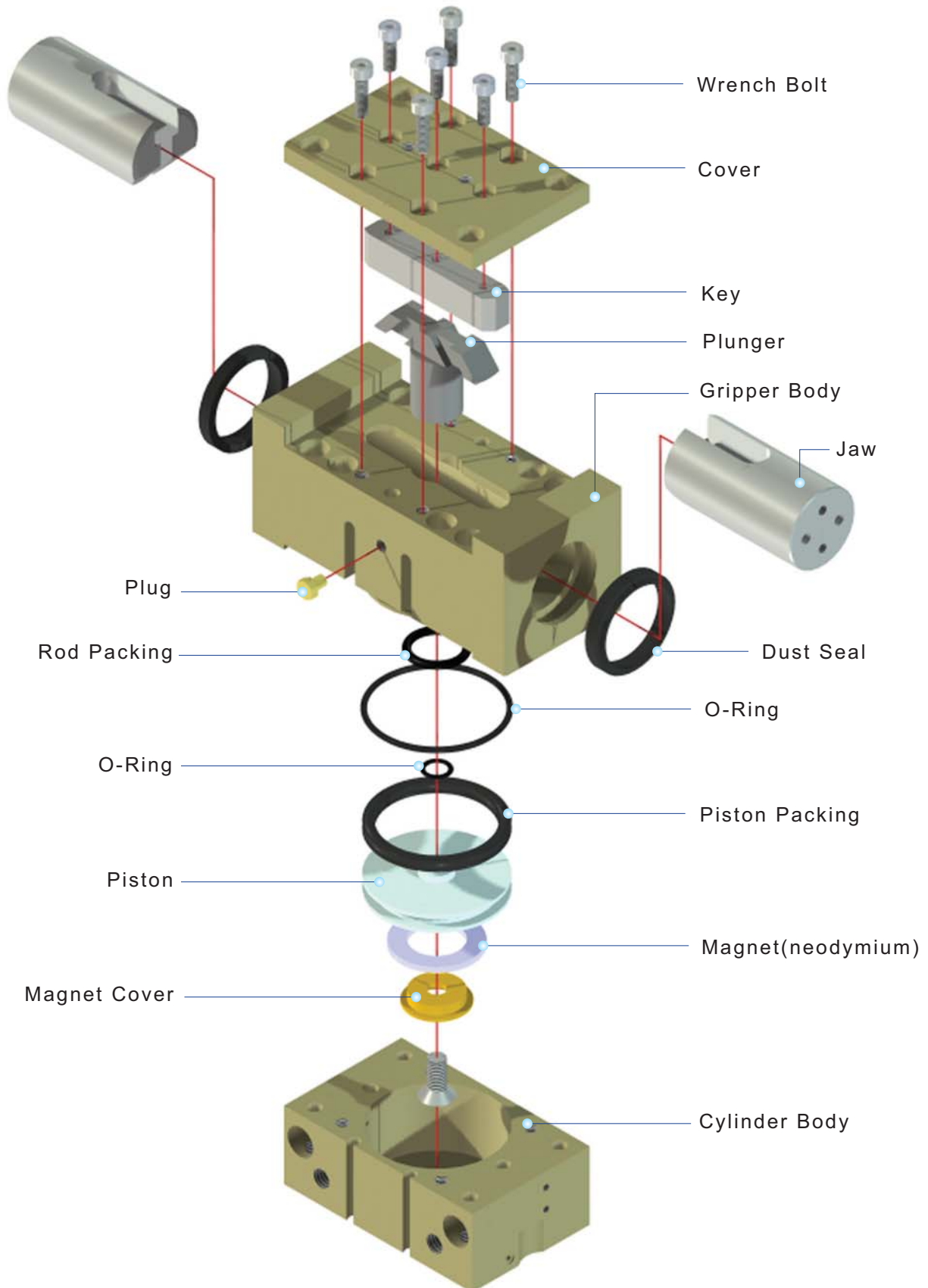


## Dust proof type



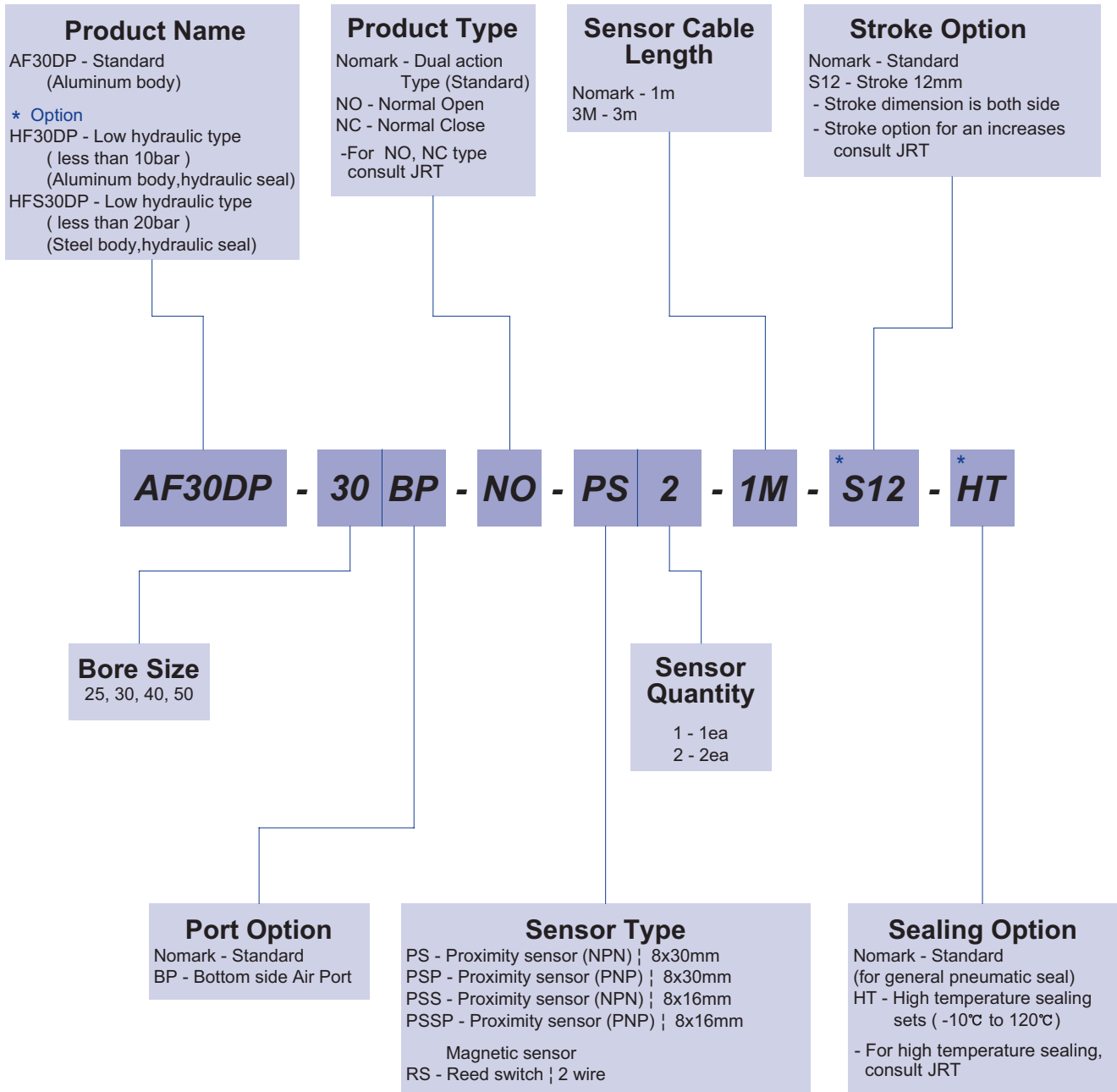
# AF30DP

## Exploded view



# AF30DP

## Ordering Code



The delivery of \* mark option is longer than a standard, So inquire of JRT

# AF30DP

## Specification

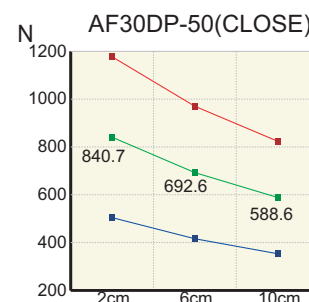
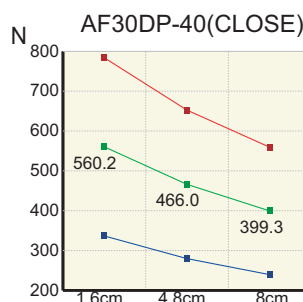
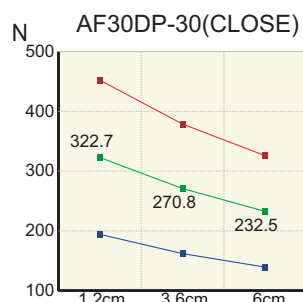
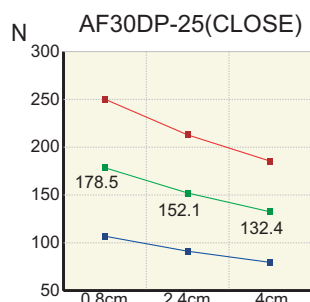
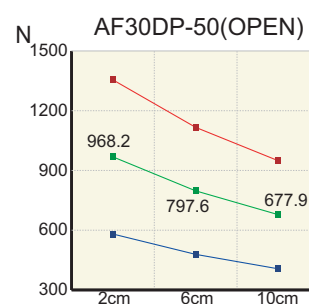
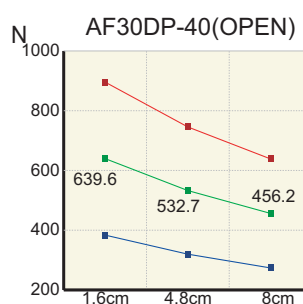
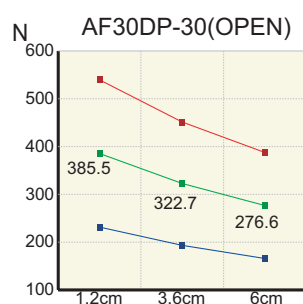
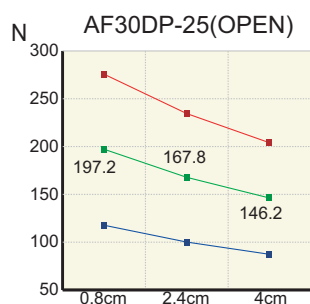
P=Air Pressure[bar] , L=Exertion length[mm]

Products Name	AF30DP-25	AF30DP-30	AF30DP-40	AF30DP-50	Unit
Stroke	12	16	20	26	mm
Weight	0.4	0.72	1.28	1.48	kg
Max. length of attach	40	60	80	100	mm
Fitting size	M5	M5	PF(G) 1/8	PF(G) 1/8	
Gripping force:Open	$43.16P/(1+0.012L)$	$85.35P/(1+0.009L)$	$142.25P/(1+0.007L)$	$216.8P/(1+0.006L)$	N
Gripping force:Close	$39.24P/(1+0.012L)$	$71.61P/(1+0.009L)$	$124.59P/(1+0.007L)$	$188.35P/(1+0.006L)$	
Air consumption per cycle	6.8	17.0	35.8	68.8	cm <sup>3</sup>
Closing / Opening time	0.01 / 0.01	0.02 / 0.02	0.04 / 0.04	0.07 / 0.07	sec
* Repeat accuracy	0.01	0.01	0.01	0.01	mm
Max.cycle per minute	60	50	50	40	
Operating pressure	3~7				bar
Ambient temperature	-5 to 60				°C
Lubrication	Needless				

\* After 100 consecutive strokes to end positions

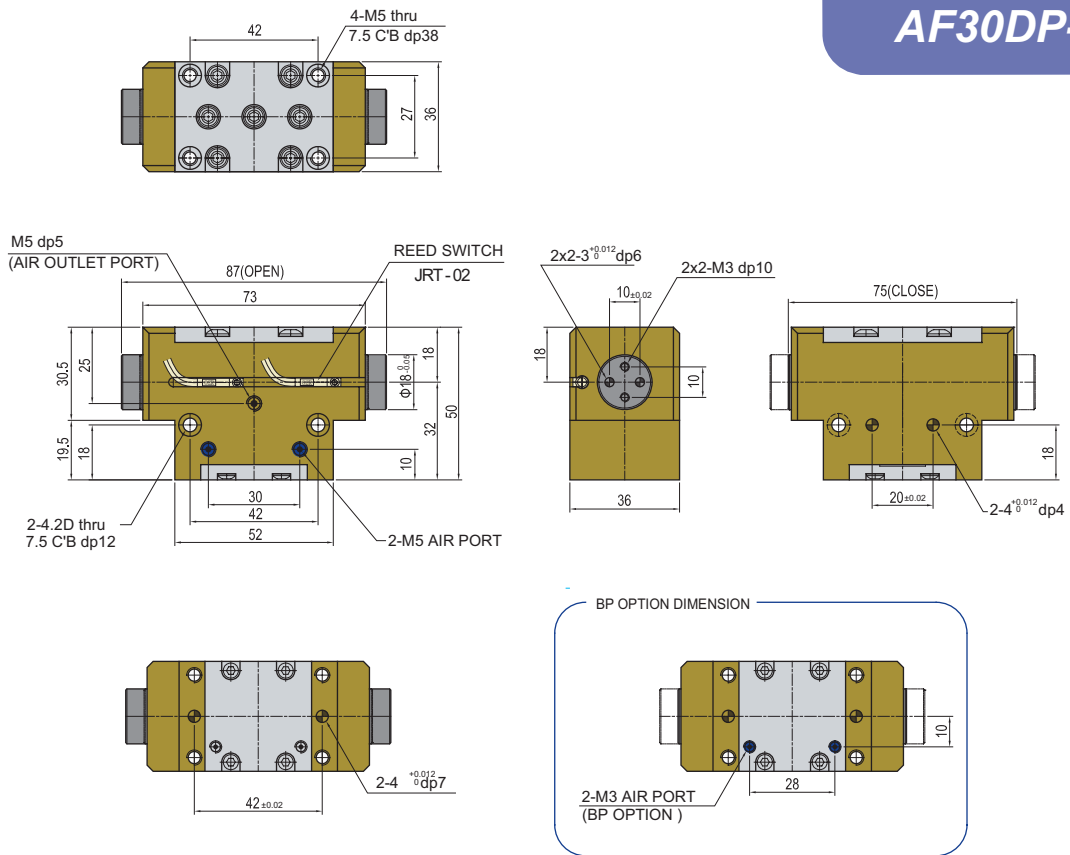
## Gripping Force per exertion length

Legend : ■ 7[bar] ■ 5[bar] ■ 3[bar]

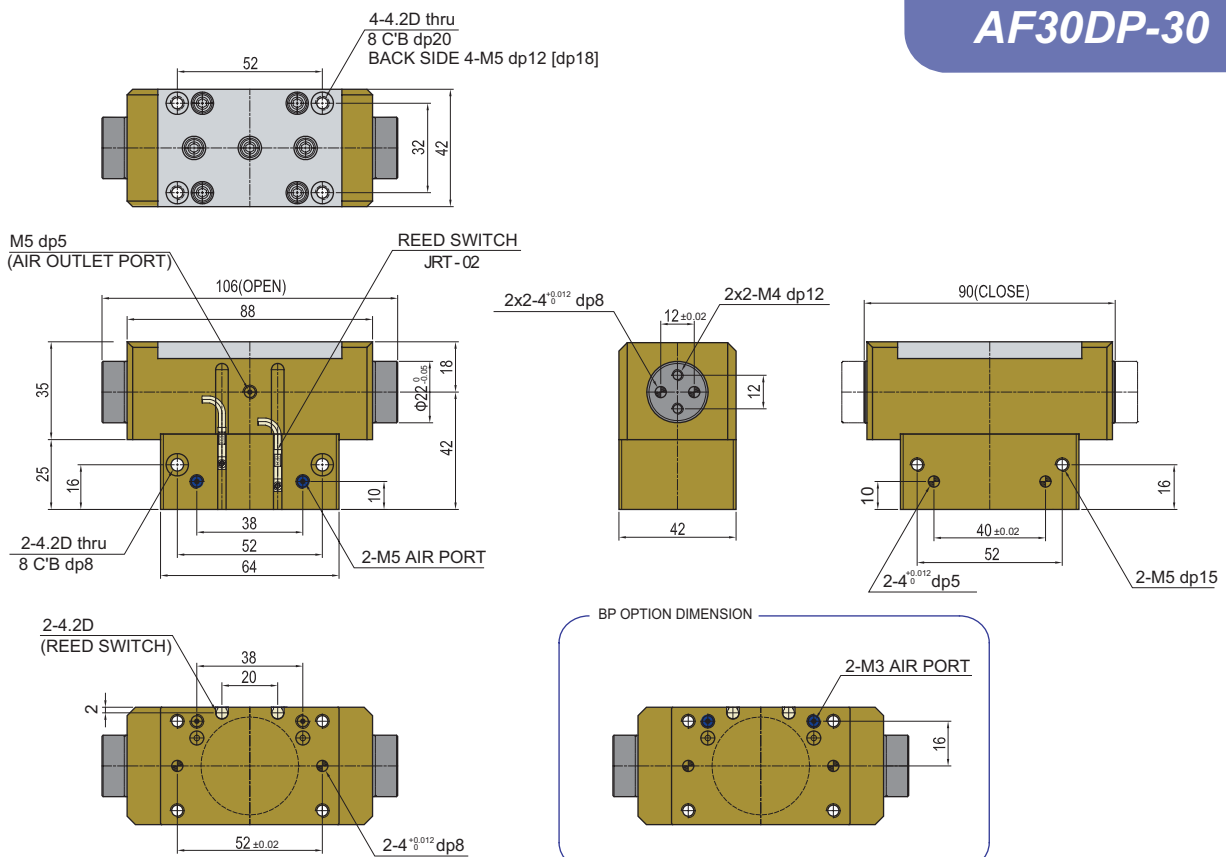


# AF30DP

## AF30DP-25

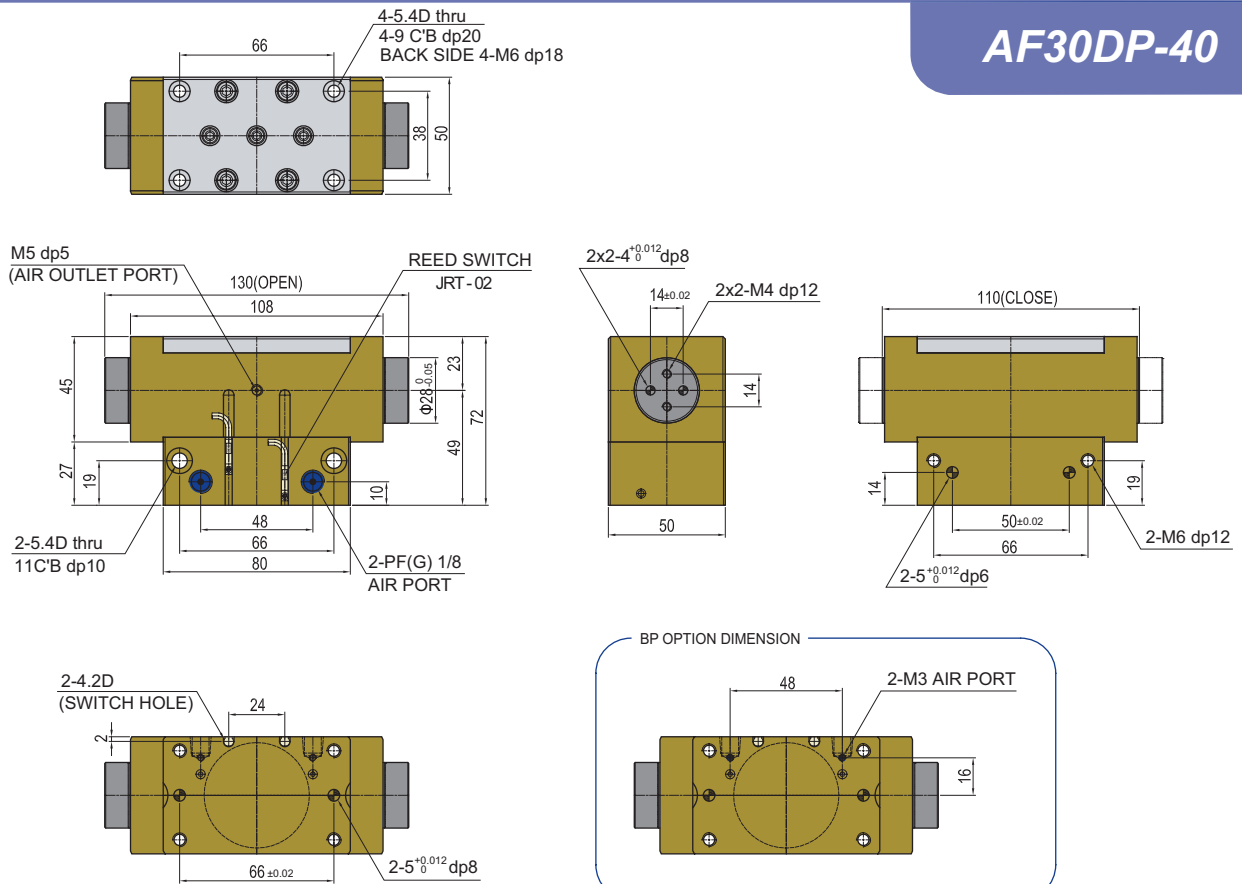


## AF30DP-30



# AF30DP

## AF30DP-40



## AF30DP-50

