

Gripper

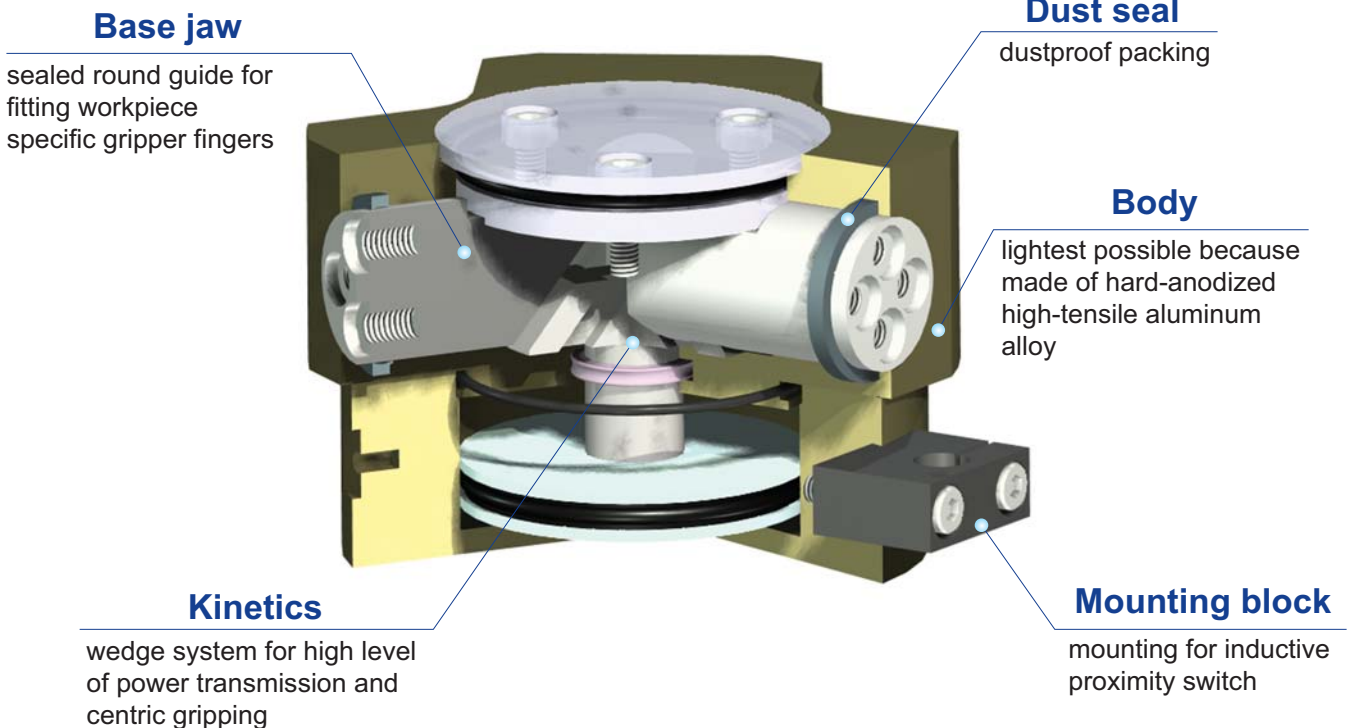
AF46DP-40,50,75

Character

- Seal guide for dustproof
- Compact design of the round guide
- Wedge guide driving unit
- Possible to use without the supply tube when you use back side support port
- Proximity sensor is available for open-close sensing

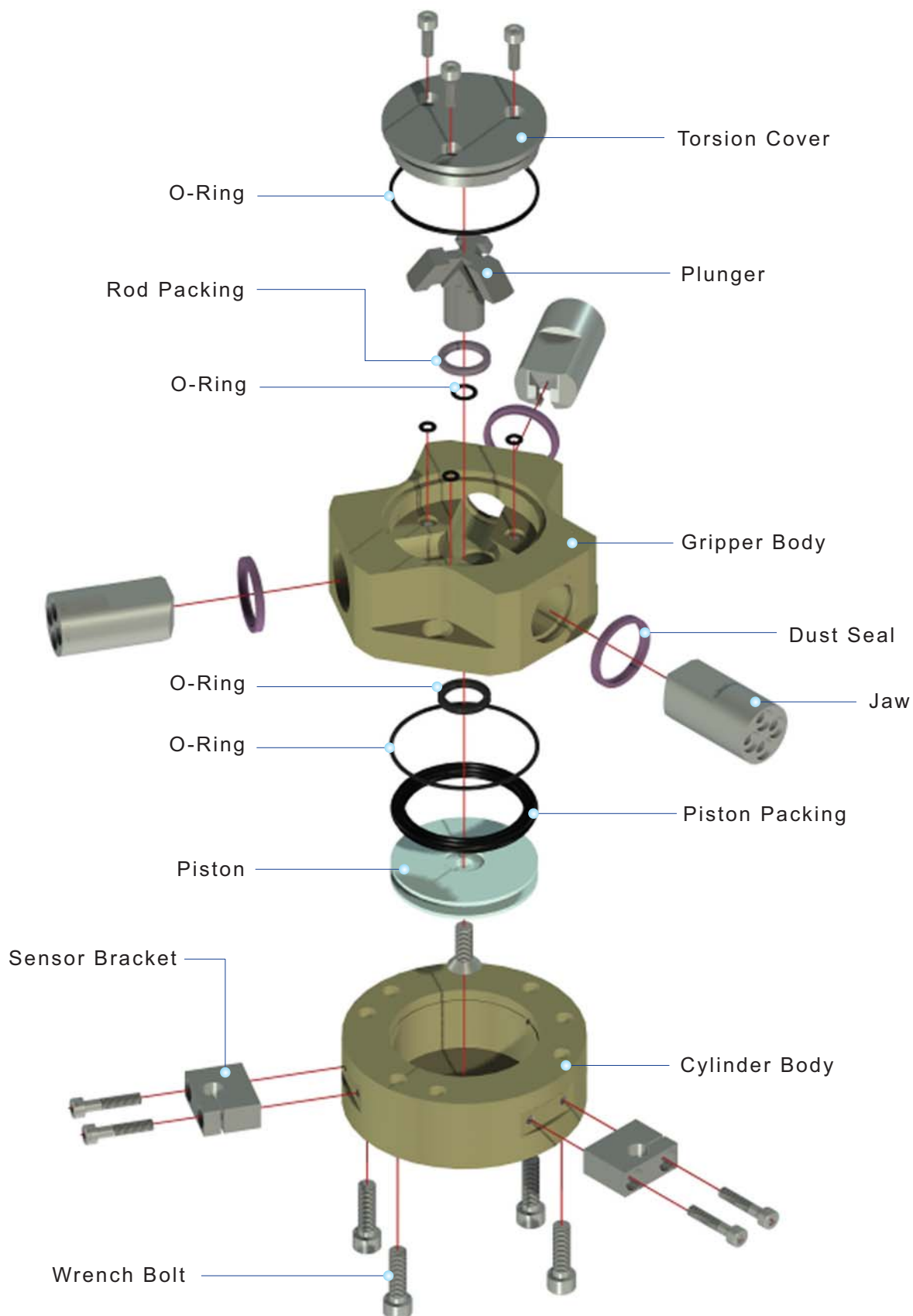


Dust proof type



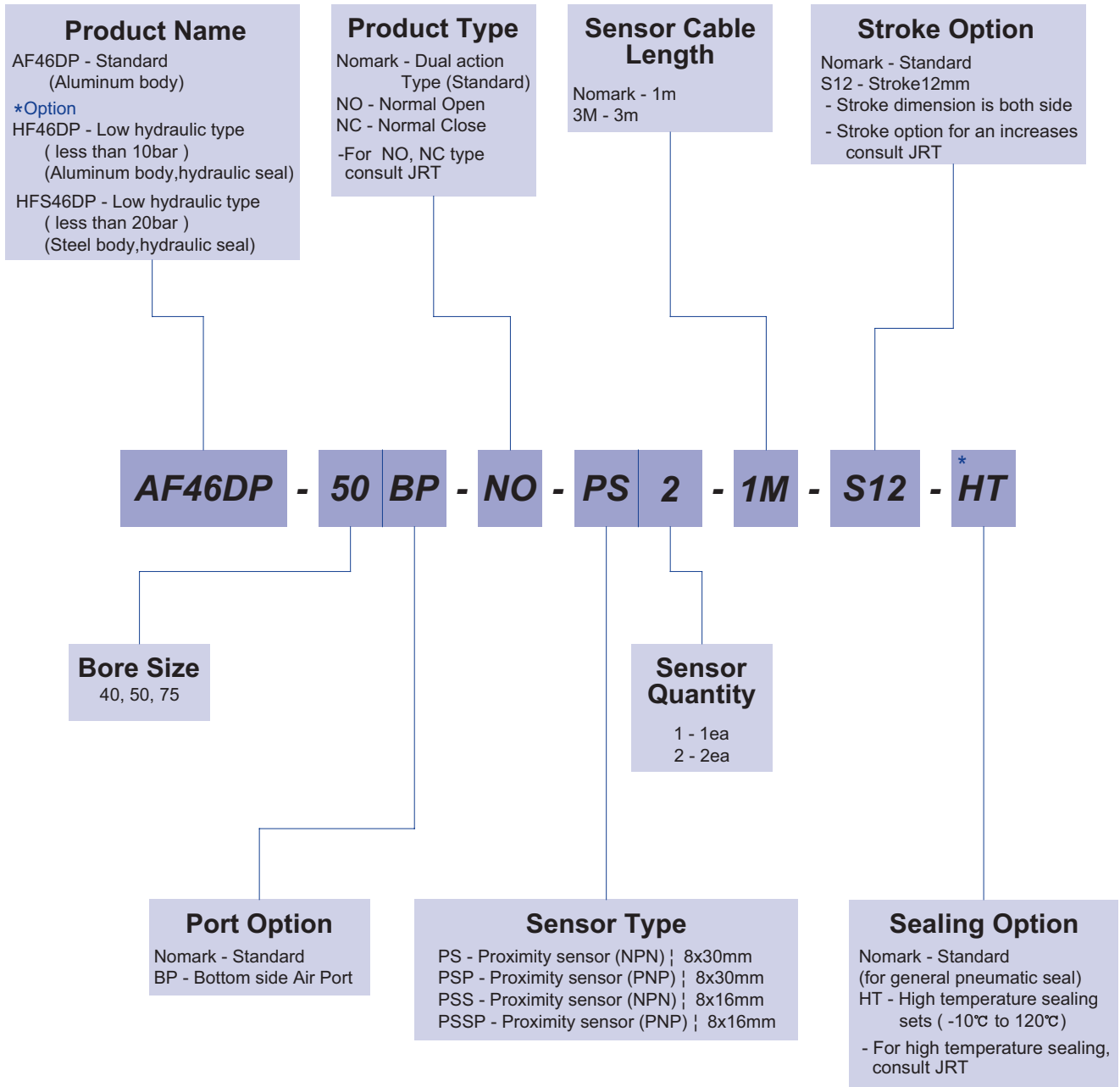
AF46DP

Exploded view



AF46DP

Ordering Code



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

AF46DP

Specification

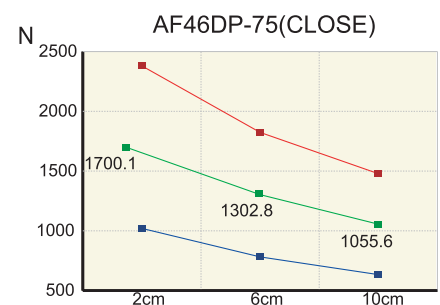
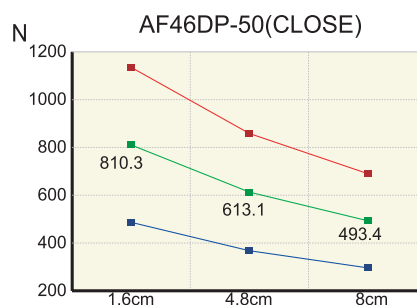
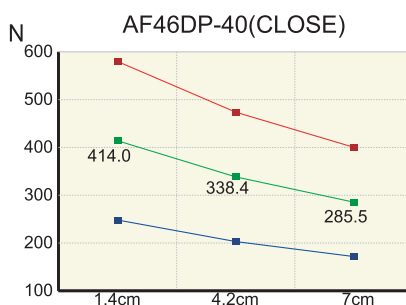
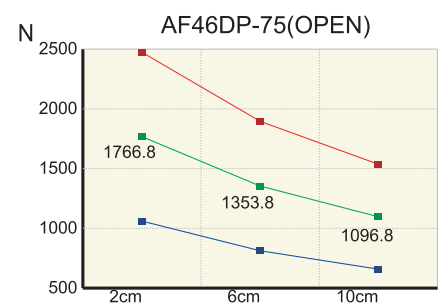
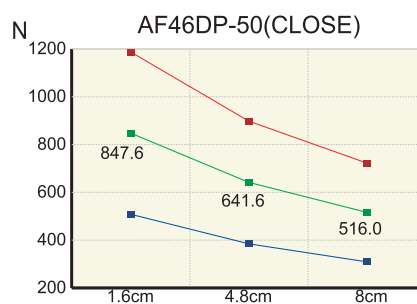
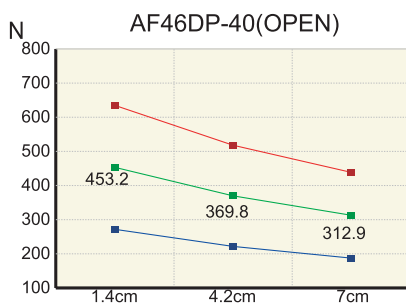
P=Air Pressure[bar] , L=Exertion length[mm]

Products Name	AF46DP-40	AF46DP-50	AF46DP-75	Unit
Stroke	12	16	20	mm
Weight	0.73	1.19	2.41	kg
Max. length of attach	70	80	100	mm
Fitting size	M5	M5	PF(G) 1/8	
Gripping force:Open	$102.02P/(1+0.009L)$	$202.09P/(1+0.012L)$	$416.93P/(1+0.009L)$	N
Gripping force:Close	$93.02P/(1+0.009L)$	$193.26P/(1+0.012L)$	$401.23P/(1+0.009L)$	N
Air consumption per cycle	17.3	36.2	103.6	cm ³
Closing / Opening time	0.02 / 0.02	0.04 / 0.04	0.10 / 0.10	sec
* Repeat accuracy	0.01	0.01	0.01	mm
Max.cycle per minute	50	50	40	
Operating pressure	3~7			bar
Ambient temperature	-5 to 60			°C
Lubrication	Needless			

* After 100 consecutive strokes to end positions

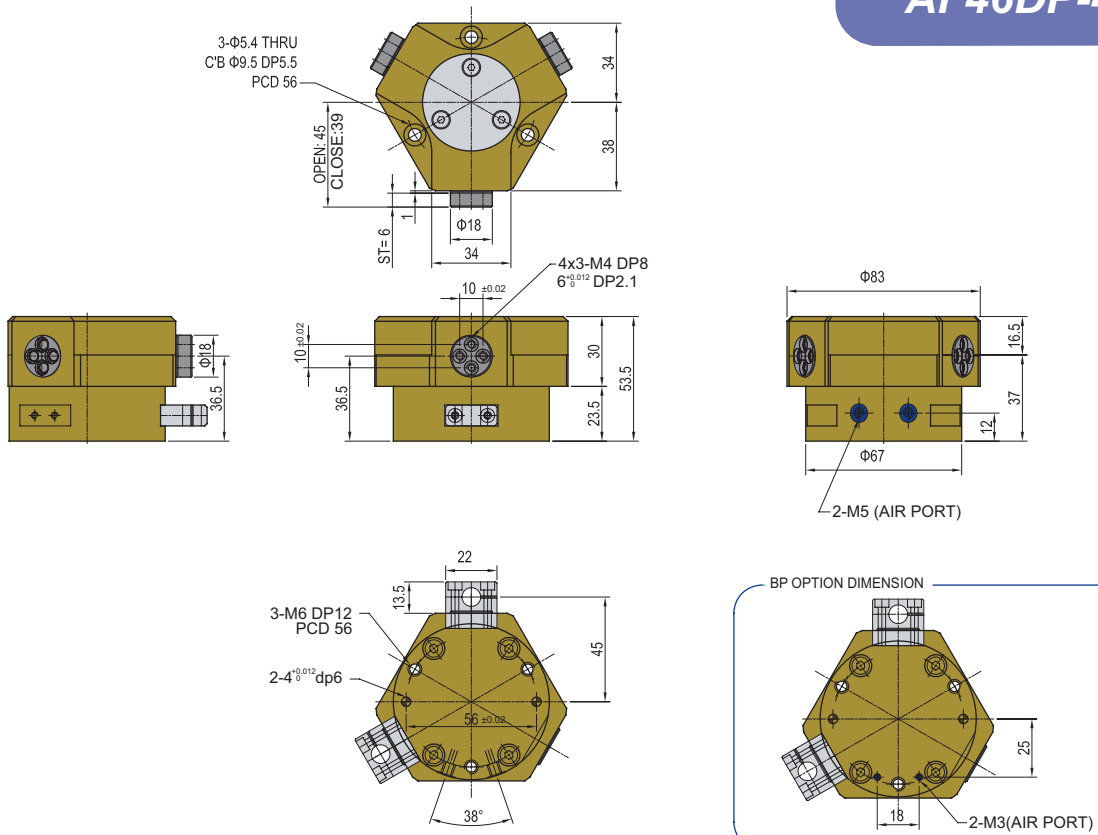
Gripping Force per exertion length

Legend ■ 7[bar] ■ 5[bar] ■ 3[bar]

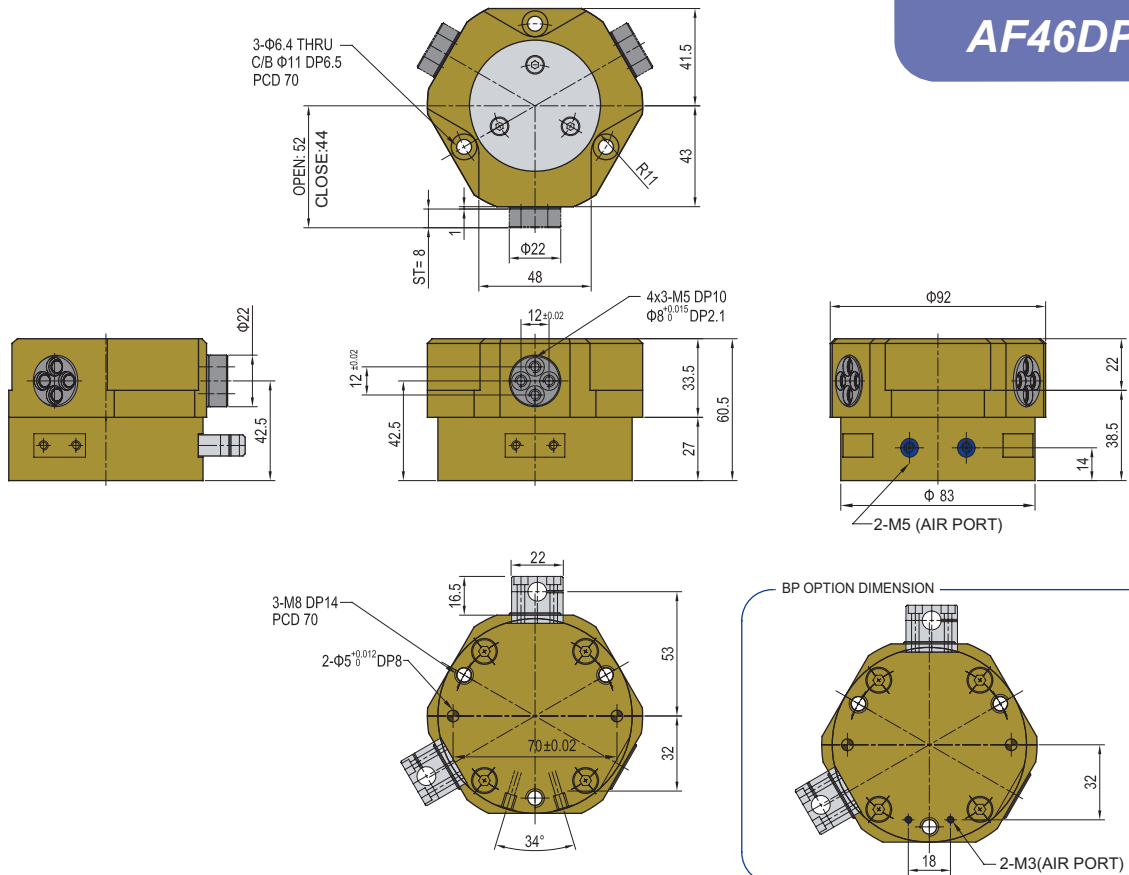


AF46DP

AF46DP-40

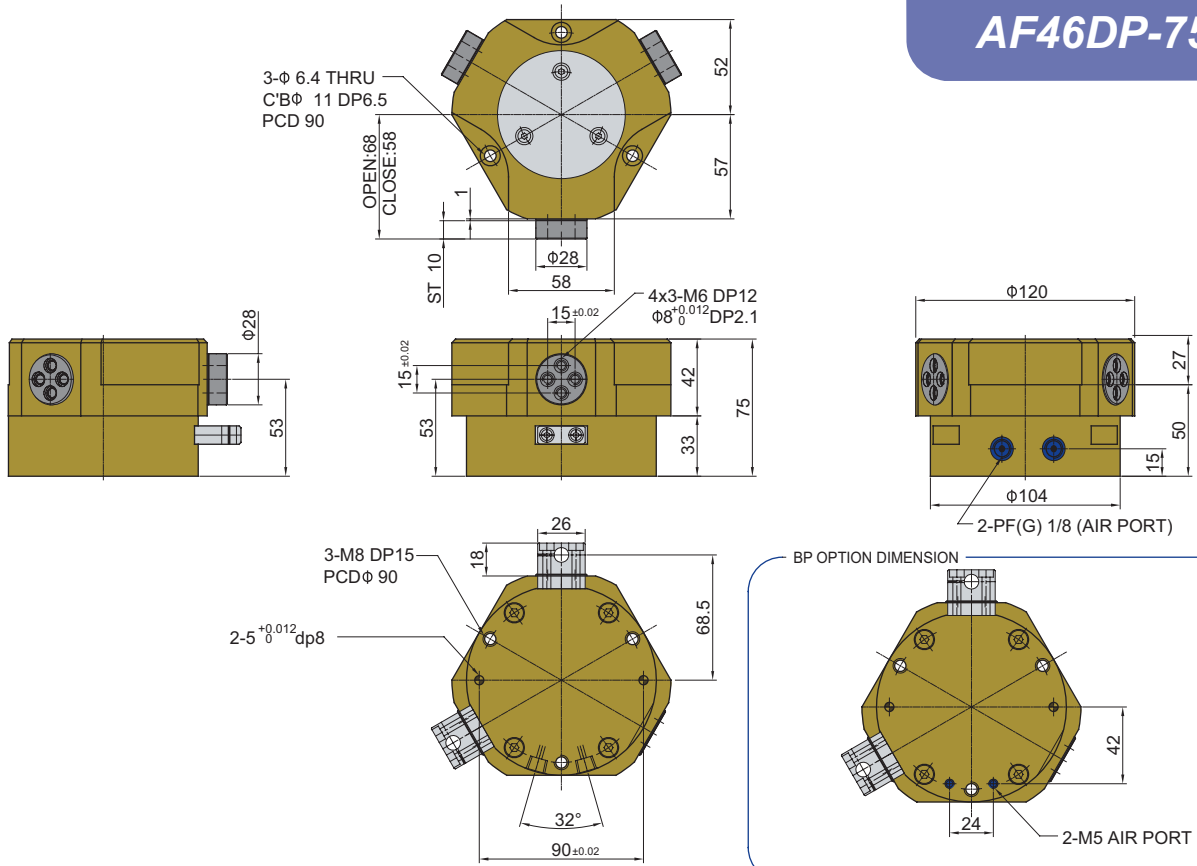


AF46DP-50



AF46DP

AF46DP-75



Note