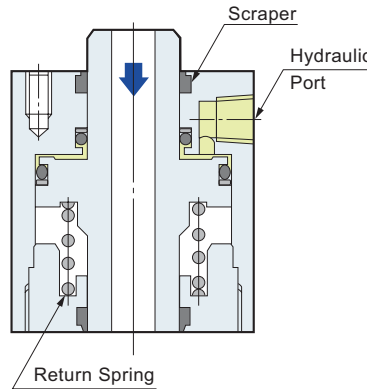


# Pascal Work Clamping Cylinder Cylinder Force at 3500 psi : 2050~14170 lbs MODEL **CJA**



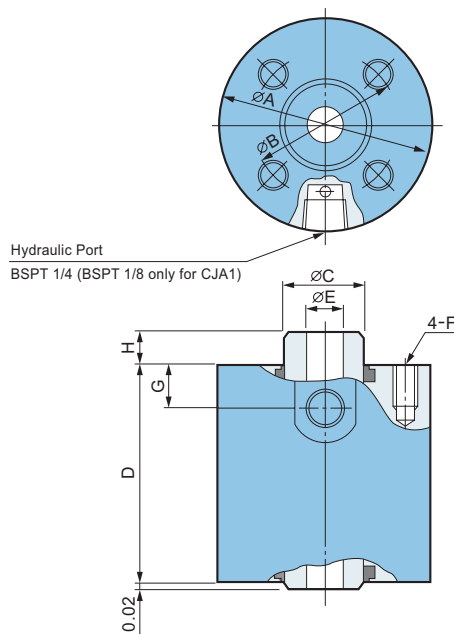
- By using a through-hole of piston, it can be used either as pull clamp or as push clamp according to the need.

MODEL		CJA 1	CJA 2.5	CJA 4	CJA 6
Stroke (in)		0.24	0.31	0.39	0.47
Cylinder Force ※1	At 500 psi	290 lbs	780 lbs	1260 lbs	2020 lbs
	At 1000 psi	580 lbs	1550 lbs	2520 lbs	4050 lbs
	At 3500 psi	2050 lbs	5440 lbs	8810 lbs	14170 lbs
Effective Area		0.58 in <sup>2</sup>	1.55 in <sup>2</sup>	2.52 in <sup>2</sup>	4.05 in <sup>2</sup>
Maximum oil flow rate		1.15 in <sup>3</sup> /sec	3.06 in <sup>3</sup> /sec	4.95 in <sup>3</sup> /sec	7.97 in <sup>3</sup> /sec
Cylinder Capacity		0.14 in <sup>3</sup>	0.49 in <sup>3</sup>	0.99 in <sup>3</sup>	1.91 in <sup>3</sup>
Return Spring Force ※2		9.9 ~ 15.1 lbs	27.2 ~ 40.0 lbs	38.4 ~ 56.4 lbs	61.8 ~ 125.7 lbs
Weight		0.9 lbs	2.2 lbs	3.3 lbs	6.8 lbs
Working Pressure Range		300 ~ 3500 psi			
Proof Pressure		5500 psi			
Ambient Temperature		32 ~ 158 °F			

※1 : The cylinder force is the net value before reducing return spring force. ※2 : Figures are for "top end ~ bottom end" of piston action.

CJA	Size	Special Specifications
	1	(Nil) : NBR is used for the material of scraper and seal (Standard)
	2.5	V ※ : Fluorine rubber (Viton) is used for the material of scraper and seal.
	4	※ Fluorine rubber (Viton) is adopted against the chlorine based cutting fluid as well as for the heat resistance (Max. 302°F)
	6	

Model name example : CJA2.5V (size 2.5, fluorine rubber for scraper and seal)



MODEL	CJA1	CJA2.5	CJA4	CJA6
A	1.57	2.17	2.56	3.35
B	1.18	1.57	1.97	2.17
C	0.55	0.71	0.98	1.18
D	1.97	2.48	2.76	3.23
E	0.33	0.49	0.65	0.81
F	M6depth0.43	M8depth0.51	M8depth0.51	M8depth0.51
G	0.39	0.53	0.53	0.61
H	0.20	0.33	0.41	0.49