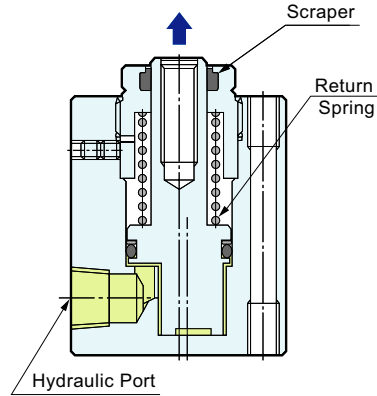


# Pascal Work Clamping Cylinder Cylinder Force at 3500 psi : 2450~5520 lbs MODEL **CDA**



- Simple and compact push clamp.
- Variety of attachment can be attached to the threaded hole of piston for the versatile workpieces.
- Eccentric piston restrains the piston's rotation when stroking.

MODEL	CDA 1	CDA 2.5
Stroke (in)	0.39	0.63
Cylinder Force ※1	At 500 psi	350 lbs
	At 1000 psi	700 lbs
	At 3500 psi	2450 lbs
Effective Area	0.70 in <sup>2</sup>	1.58 in <sup>2</sup>
Maximum oil flow rate	1.38 in <sup>3</sup> /sec	3.10 in <sup>3</sup> /sec
Cylinder Capacity	0.27 in <sup>3</sup>	0.99 in <sup>3</sup>
Return Spring Force ※2	15.1 ~ 23.6 lbs	33.7 ~ 58.0 lbs
Weight	2.2 lbs	5.3 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 "bottom end ~ top end" of piston action.

Size	Special Specifications
<b>CDA</b> 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.
	※ Fluorine rubber (Viton) is adopted against the chlorine based cutting fluid as well as for the heat resistance (Max. 302 °F)

Model name example : CDA2.5V (size 2.5, fluorine rubber for scraper and seal)

MODEL	CDA1	CDA2.5
A	1.97	2.68
B	1.57	2.17
C	0.55	0.71
D	2.26	3.29
E	M8depth0.87	M12depth1.06
F	M8depth0.51	M10depth0.59
G	0.47	0.55
H	0.26	0.33
J	2.56	3.66
K	1.02	1.42
L	0.27	0.33
M	0.87	1.18