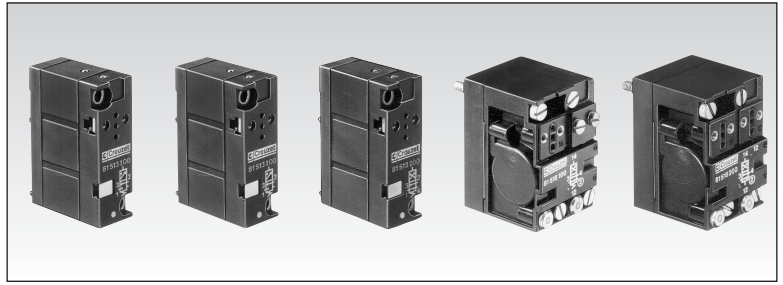


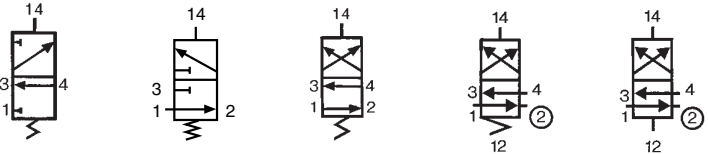
Miniature control valves



Part numbers

	81 513 100	81 513 600	81 513 200	81 516 100	81 516 200
Function	3/2 NC	3/2 NO	4/2	4/2 single pilot spring-return	4/2 double pilot

Symbol

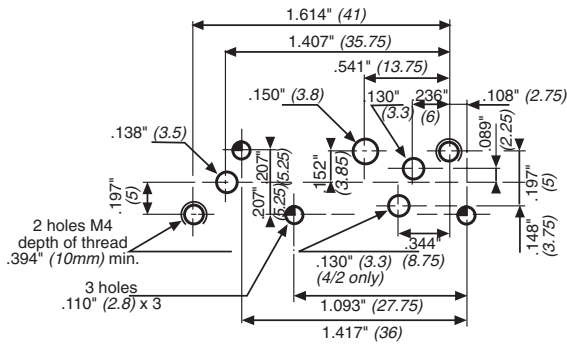


Characteristics

	inches	(mm)	11/16" (17.5)	11/16" (17.5)	11/16" (17.5)	1-3/8" (35)	1-3/8" (35)
Width							
Operating pressure	psi	(bars)	45>120 (3>8)	45>120 (3>8)	45>120 (3>8)	50>120 (3.5>8)	50>120 (3.5>8)
Orifice diameter	inches	(mm)	1/8" (3)	1/8" (3)	1/8" (3)	5/32" (4)	5/32" (4)
Flow at 90 psi (6 bars) with 5/32" sub-base (page 5/54)	cfm		7 (200)	7 (200)	7 (200)	10.5 (300)	10.5 (300)
Operating temperature	°F	(°C)	+15>120 (-10>+50)	+15>120 (-10>+50)	+15>120 (-10>+50)	+15>120 (-10>+50)	+15>120 (-10>+50)
Cv (kV) with 5/32" sub-base (page 5/54)			.15 (2.2)	.15 (2.2)	.15 (2.2)	.28 (4)	.28 (4)
Switching time of the relay only (Milliseconds)			5	5	5	10	10
Mechanical life (cycles)			15million	15million	15million	10million	10million
Weight (grams)			38	38	38	106	106

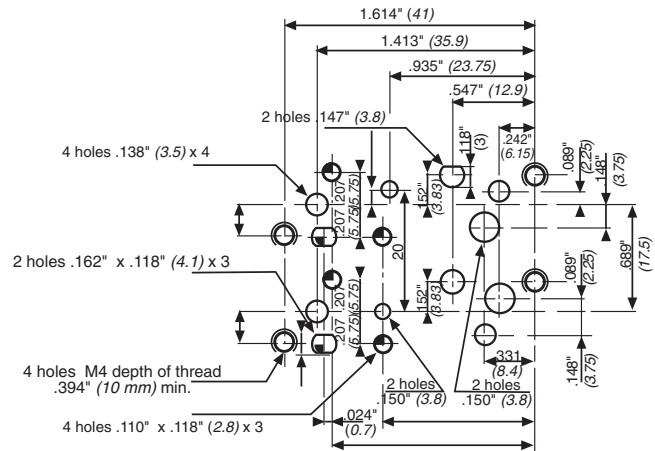
Mounting plan for poppet minivalve

81 513 100 - 81 513 200 - 81 513 600



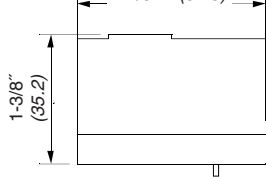
Mounting plan for slide mini valve

81 516 100 - 81 516 200

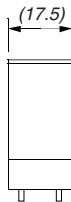


Dimensions

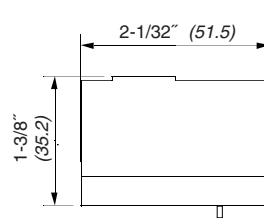
81 513



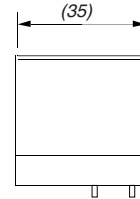
11/16"



81 516



1-3/8"



use (metric) dimensions for critical data

Other information	To order, specify :			
On request : Miniature power valve supplied mounted on a sub-base and equipped with its own control solenoid valve	<table border="1"> <tr> <td>Standard products</td> <td rowspan="2">1 Part number Example : Miniature control valve - 81 513 100</td> </tr> <tr> <td>Standard products, non stocked</td> </tr> </table>	Standard products	1 Part number Example : Miniature control valve - 81 513 100	Standard products, non stocked
Standard products	1 Part number Example : Miniature control valve - 81 513 100			
Standard products, non stocked				

Products and specifications subject to change without notice.

Order/Technical Support – Tel: (800) 677-5311 / FAX: (800) 677-3865 / www.crouzet-usa.com