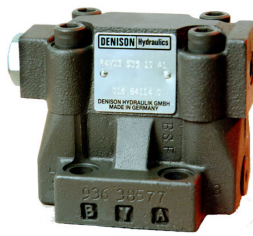


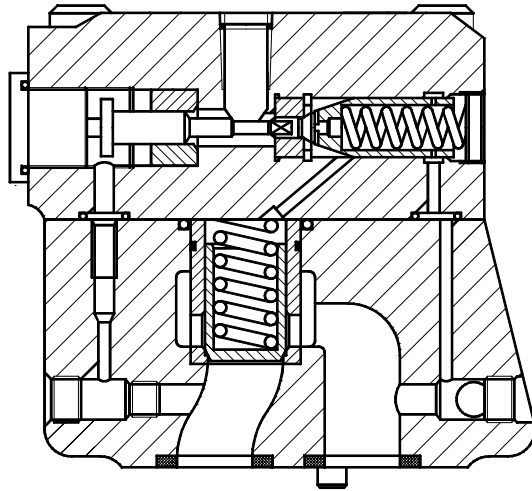
7. Check Valves

Series	Available Versions	Model	Size	Max. Flow	Max. Pressure	Subplate mounted	Threaded Body	Cartridge	SAE flange mounted	Page
				GPM	PSI					
C4V	• Direct operated • Pilot operated	C4V03	3/8"	48	5000	●	●	●		7 - 2
		C4V06	3/4"	95	5000	●	●	●		
		C4V10	1 1/4"	159	5000	●	●	●		
C5V	• Flange mounted • Direct operated • SAE-61 & 62	C5V06	3/4"	24	6000				●	7 - 4
		C5V08	1"	53	6000				●	
		C5V10	1 1/4"	106	6000				●	
		C5V12	1 1/2"	185	6000				●	
C5P	• Flange mounted • Direct operated • Pilot operated	C5P06	3/4"	24	5000				●	7 - 5
		C5P08	1"	79	5000				●	
		C5P10	1 1/4"	159	4000				●	



C4V Series Direct and pilot operated versions

48-95-159 GPM - 5000 PSI



(Pilot operated)

Direct Operated : Example : **C4V06-530-4B1**

1. **C4V06-530-4B1** Series

Size	$\frac{3}{8}$ "	$\frac{1}{4}$ "	$1\frac{1}{4}$ "
Series	C4V03	C4V06	C4V10

2. **C4V06-530-4B1** Max. pressure (5000 psi)

Series	C4V03	C4V06	C4V10
Cartridge	0	0	-
Subplate, Threaded body	5	5	5

3. **C4V06-530-4B1** Body

Series	C4V03	C4V06	C4V10
Cartridge	0	0	-
Subplate	3	3	3
Threaded (G)	T-body	6 ($\frac{1}{2}$ "	6 (1"
	L-body	-	D ($\frac{3}{4}$ "
Threaded (SAE)	T-body	4 (8)	4 (16)
	L-body	-	B (12)

4. **C4V06-530-4B1** Pilot head

5. **C4V06-530-4B1** Cracking pressure (psi)

	1	2	3	4	5	6	7
C4V03	40.6	7.3	4.4	31.9	-	17.4	43.5
C4V06	50.8	7.3	4.4	31.9	130.5	17.4	-
C4V10	50.8	7.3	4.4	31.9	130.5	17.4	-

6. **C4V06-530-4B1** Design

7. **C4V06-530-4B1** Seal Class

Buna N : Mineral oil	1
Others	Denison Hydraulics

Pilot Operated : Example : **C4V06-571-4B1**

1. **C4V06-571-4B1** Series

Size	$\frac{3}{8}$ "	$\frac{1}{4}$ "	$1\frac{1}{4}$ "
Series	C4V03	C4V06	C4V10

2. **C4V06-571-4B1** Max. pressure (5000 psi)

Series	C4V03	C4V06	C4V10
Cartridge	0	0	-
Subplate, Threaded body	5	5	5

3. **C4V06-571-4B1** Body

Series	C4V03	C4V06	C4V10
Cartridge	Y1 = G	G ($\frac{1}{4}$ "	-
	Y1 = SAE	E (4)	-
Subplate	Y1 = G	9 ($\frac{1}{4}$ "	-
	Y1 = SAE	7 (4)	-
Threaded (G)	T-body	6 ($\frac{1}{2}$ "	6 (1"
X, Y1 = G $\frac{1}{4}$ "	L-body	-	D ($\frac{3}{4}$ "
Threaded (SAE)	T-body	4 (8)	4 (16)
X, Y1 = SAE-4	L-body	-	B (12)

4. **C4V06-571-4B1** Opening ratio

Ratio	1:1	3:1	8:1	10:1
Standard	1	3	8	9

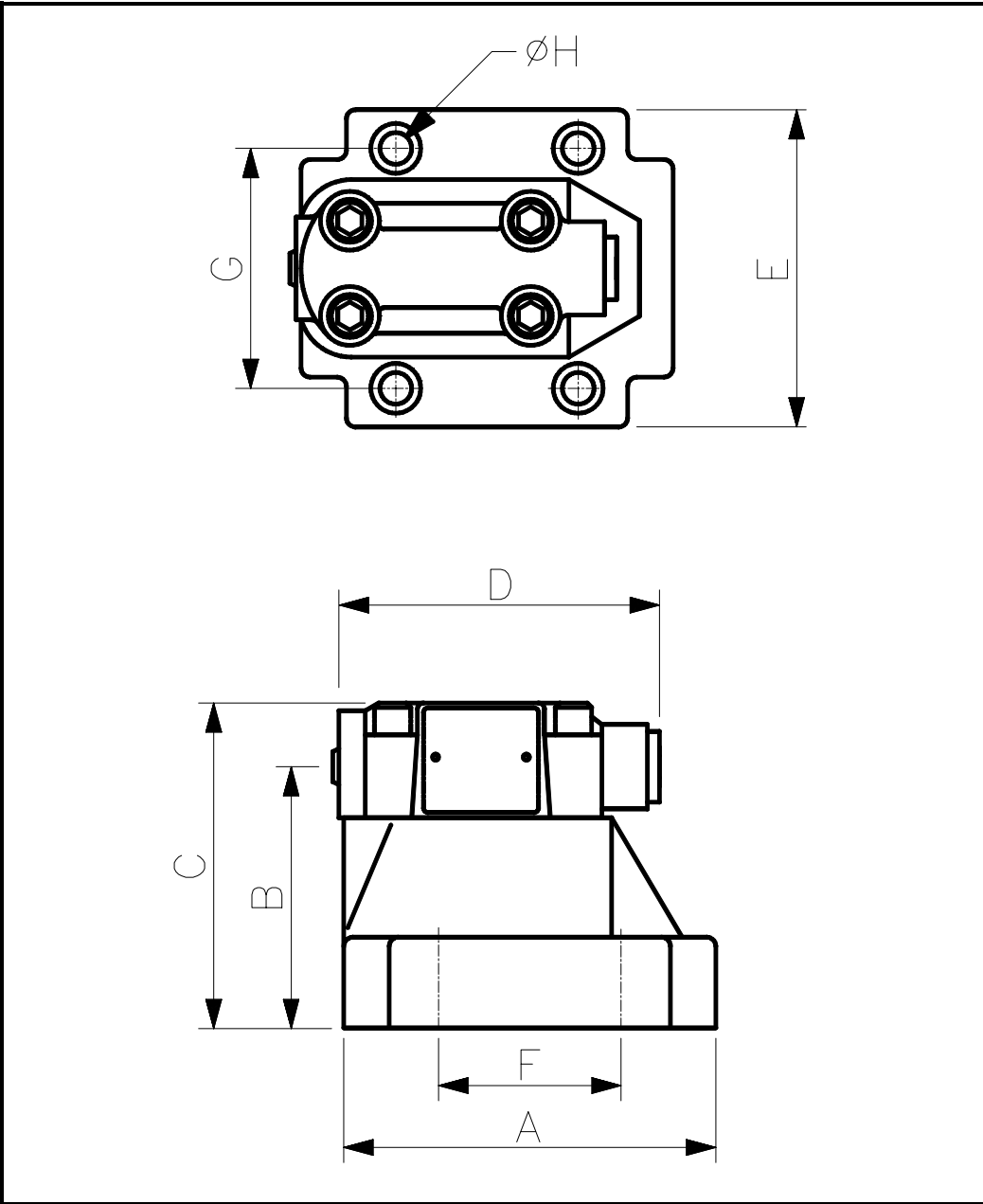
5. **C4V06-571-4B1** Cracking pressure (psi)

	A → B			B → A		
	C4V03	C4V06	C4V10	C4V03	C4V06	C4V10
2	15.0	15.0	15.0	22.0	25.0	25.0
4	58.0	51.0	51.0	80.0	87.0	87.0
6	29.0	32.0	32.0	44.0	55.0	55.0

6. **C4V06-571-4B1** Design

7. **C4V06-571-4B1** Seal Class

Buna N : Mineral oil	1
Others	Denison Hydraulics

[illegible]