

11. Cartridges & Seat Valves

Series	Function	Model	Size	Flow (GPM)		Max. Pressure (PSI)	Subplate mounted	Threaded Body	SAE flange mounted	Cartridge	Page
				Nominal	Maximum						
CVD CVC	Relief (DIN 24342)	CVD05	NG16	40	53	5000	-	-	-	●	11 - 2
		CVD08	NG25	53	79	5000	-	-	-	●	
		CVD10	NG32	119	159	5000	-	-	-	●	
CUD CUC	Unload (DIN 24342)	CUD08	NG25	53	79	5000	-	-	-	●	11 - 3
		CUD10	NG32	119	159	5000	-	-	-	●	
C1D C1C	Seat Valve on/off (DIN 24342)	C1D05	NG16	40	53	5000	-	-	-	●	11 - 4
		C1D08	NG25	82	106	5000	-	-	-	●	
		C1D10	NG32	132	198	5000	-	-	-	●	
		C1D12	NG40	251	330	5000	-	-	-	●	
		C1D16	NG50	449	661	5000	-	-	-	●	
		C1D20	NG63	753	1057	5000	-	-	-	●	
		C1D24	NG80	1110	1585	5000	-	-	-	●	
		C1D32	NG100	1744	2642	5000	-	-	-	●	
CAR	Seat Valve on/off	CAR4	½"	40	48	5000	-	-	-	●	11 - 6
		CAR2	1 ½"	119	159	5000	-	-	-	●	
D4S	Seat Valve on/off	D4S03	⅜"	40	48	5000	●	●	-	-	11 - 7
		D4S06	¾"	71	95	5000	●	●	-	-	
		D4S10	1 ¼"	119	159	5000	●	●	-	-	
D5S	Seat Valve on/off (2 ports)	D5S06	¾"	40	48	5000	-	-	●	-	11 - 8
		D5S08	1"	71	95	5000	-	-	●	-	
		D5S10	1 ¼"	119	159	4000	-	-	●	-	
	Seat Valve on/off (3 ports)	D5S06	¾"	40	48	5000	-	-	●	-	
		D5S08	1"	71	95	5000	-	-	●	-	
		D5S10	1 ¼"	119	159	4000	-	-	●	-	
		D5S12	1 ½"	159	211	3000	-	-	●	-	



CUD & CUC Series DIN Cartridge - Unloading Function (Cavity DIN 24342)

79 - 159 GPM - 5000 PSI

Cartridge Example : **CUD08-21-6-A1**

1. **CUD08-21-6-A1** Series

Size	NG25	NG32
Nominal flow (GPM)	53	119
Maximum flow (GPM)	79	159
Series	CUD08	CUD10

2. **CUD08-21-6-A1** Poppet ratio (1:1)

3. **CUD08-21-6-A1** Spring

Standard : 58 PSI (4 bar)	6
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4. **CUD08-21-6-A1** Design

5. **CUD08-21-6-A1** Seal Class

Buna N : mineral oil	1
Viton : mineral oil & fire resistant fluid	5

Control Cap¹ Example : **CUC08-61-5-1-A1**

1. **CUC08-61-5-1-A1** Series

Size	NG25	NG32
Series	CUC08	CUC10

2. **CUC08-61-5-1-A1** Cap type

3. **CUC08-61-5-1-A1** Pressure Range

7...105 bar	1
7...210 bar	3
7...350 bar	5

4. **CUC08-61-5-1-A1** Control

Standard : 1.26" hand knob	1
2" hand knob	2
Acorn nut	3
Others	Denison Hydraulics

5. **CUC08-61-5-1-A1** Design

6. **CUC08-61-5-1-A1** Seal Class

Buna N : mineral oil	1
Viton : mineral oil & fire resistant fluid	5

¹ Mounting bolts included (see below).

Cap Type CUC08-**61**-5-1-A1

61	62	63
Standard Relief	Electrical Venting - A4D01 (valve not included)	
	Normally closed	Normally opened