

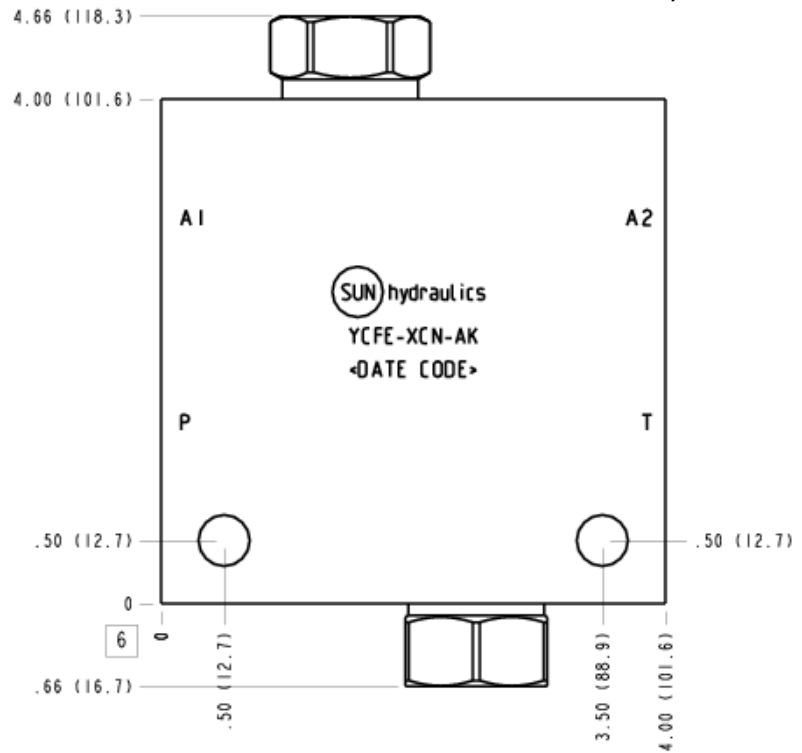
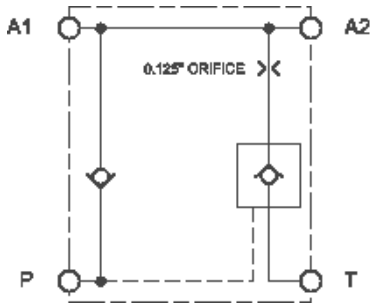
# Accumulator Discharge Solutions

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YCFE	Accumulator discharge assembly	.....1
YCFO	Accumulator discharge assembly	.....3
YCHE	Accumulator discharge assembly	.....5

Series	Ports	Cavities
<b>Series Z Cartridges</b> 3/8-24 UNF Cartridge Thread 5 mm Valve Hex Size 11 - 14 Nm Valve Installation Torque	3-Port	T-382A
<b>Series P Cartridges</b> M16 Cartridge Thread 22,2 mm Valve Hex Size 27 - 33 Nm Valve Installation Torque	2-Port 2-Port (Deep) 3-Port	T-8A T-8DP T-9A
<b>Series 0 Cartridges</b> M16 Cartridge Thread 19,1 mm Valve Hex Size 25,4 mm Valve Hex Size 27 - 33 Nm Valve Installation Torque	2-Port 2-Port (Deep) 3-Port 3-Port 4-Port	T-162A T-162DP T-150A T-163A T-30A
<b>Series 1 Cartridges</b> M20 Cartridge Thread 22,2 mm Valve Hex Size 41 - 47 Nm Valve Installation Torque	2-Port 2-Port 3-Port 4-Port 4-Port 6-Port	T-10A T-13A T-11A T-21A T-31A T-61A
<b>Series 2 Cartridges</b> 1"-14 UNS Cartridge Thread 28,6 mm Valve Hex Size 61 - 68 Nm Valve Installation Torque	2-Port 2-Port 3-Port 4-Port 4-Port 4-Port (Dual path) 6-Port 6-Port	T-3A T-5A T-2A T-22A T-32A T-52AD T-52A T-62A
<b>Series 3 Cartridges</b> M36 Cartridge Thread 31,8 mm Valve Hex Size 203 - 217 Nm Valve Installation Torque	2-Port 3-Port 4-Port 4-Port 4-Port (Dual path) 6-Port 6-Port	T-16A T-17A T-23A T-33A T-53AD T-53A T-63A
<b>Series 4 Cartridges</b> M48 Cartridge Thread 41,3 mm Valve Hex Size 474 - 508 Nm Valve Installation Torque	2-Port 2-Port (Undercut) 3-Port 3-Port (Undercut) 4-Port 4-Port (Undercut) 4-Port 4-Port (Dual path) 6-Port 6-Port	T-18A T-18AU T-19A T-19AU T-24A T-24AU T-34A T-54AD T-54A T-64A



This assembly will automatically discharge an accumulator through a 0.125 inch orifice whenever the pump is shut off. Whenever the pump is started, the pilot-to-close check valve closes, blocking the discharge path back to tank. The standard check valve prevents oil in the accumulator from back-flowing through the pump.

## TECHNICAL DATA

Body Type	Line mount
Mounting Hole Diameter	10,4 mm
Mounting Hole Depth	Through
Mounting Hole Quantity	2

- NOTES**
- **Important:** Carefully consider the maximum system pressure. The pressure rating of the manifold is dependent on the manifold material, with the port type/size a secondary consideration. Manifolds constructed of aluminum are not rated for pressures higher than 3000 psi (210 bar), regardless of the port type/size specified.
  - For detailed information regarding the cartridges contained in this assembly, click on the models codes shown in the Included Components tab.

**OPTION SELECTION EXAMPLE: YCFEXCNAK**

**PRIMARY CARTRIDGE CONFIGURATION**

<b>CONTROL</b> _____ (X)	<b>CRACKING PRESSURE</b> _____ (C)	<b>SEAL MATERIAL</b> _____ (N)
<b>X</b> Not Adjustable	<b>C</b> 30 psi (2 bar) A 4 psi (0,3 bar)	<b>N</b> Buna-N V Viton

**PRIMARY CARTRIDGE** \_\_\_\_\_ (A)

**A** A (with CXFA primary cartridge, Free flow nose to side check valve)

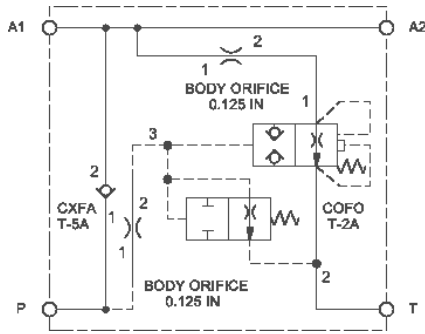
**PORT DESIGNATORS** \_\_\_\_\_ (K)

Modifiers	Ports
<b>K, K/S</b>	Ports P, T, A1, A2: SAE 10;
A, A/S	Ports P, T, A1, A2: 1/4" NPTF;
B, B/S	Ports P, T, A1, A2: 3/8" NPTF;
C, C/S	Ports P, T, A1, A2: 1/2" NPTF;
D, D/S	Ports P, T, A1, A2: 3/4" NPTF;
I, I/S	Ports P, T, A1, A2: SAE 6;
J, J/S	Ports P, T, A1, A2: SAE 8;
L, L/S	Ports P, T, A1, A2: SAE 12;
T, T/S	Ports P, T, A1, A2: 1/4" BSPP;
U, U/S	Ports P, T, A1, A2: 3/8" BSPP;
V, V/S	Ports P, T, A1, A2: 1/2" BSPP;
W, W/S	Ports P, T, A1, A2: 3/4" BSPP;

**MATERIAL DESIGNATOR**    No modifier - inch, aluminum    /S - Inch, Ductile Iron    /M - Metric, Aluminum    /T - Metric, Ductile Iron

**INCLUDED COMPONENTS**

Part	Description	Quantity
COFAXAN	Cartridge	1
CXFAXCN	Cartridge - Primary	1



This assembly will automatically discharge an accumulator through a 0.125 inch orifice whenever the pump is shut off. Whenever the pump is started, the pilot-to-close check valve closes, blocking the discharge path back to tank. The standard check valve prevents oil in the accumulator from back-flowing through the pump.

## TECHNICAL DATA

Body Type	Line mount
Mounting Hole Diameter	10,4 mm
Mounting Hole Depth	Through
Mounting Hole Quantity	2

- NOTES**
- **Important:** Carefully consider the maximum system pressure. The pressure rating of the manifold is dependent on the manifold material, with the port type/size a secondary consideration. Manifolds constructed of aluminum are not rated for pressures higher than 3000 psi (210 bar), regardless of the port type/size specified.
  - For detailed information regarding the cartridges contained in this assembly, click on the models codes shown in the Included Components tab.

**OPTION SELECTION EXAMPLE: YCFOXCNAL**

**PRIMARY CARTRIDGE CONFIGURATION**

<b>CONTROL</b>	<b>(X)</b>	<b>CRACKING PRESSURE</b>	<b>(C)</b>	<b>SEAL MATERIAL</b>	<b>(N)</b>
<b>X</b> Not Adjustable		<b>C</b> 30 psi (2 bar)		<b>N</b> Buna-N	
		A 4 psi (0,3 bar)		E EPDM	
		B 15 psi (1 bar)		V Viton	
		D 50 psi (3,5 bar)			
		E 75 psi (5 bar)			
		F 100 psi (7 bar)			

**PRIMARY CARTRIDGE** (A)

<b>A</b> A (with CXFA primary cartridge, Free flow nose to side check valve)
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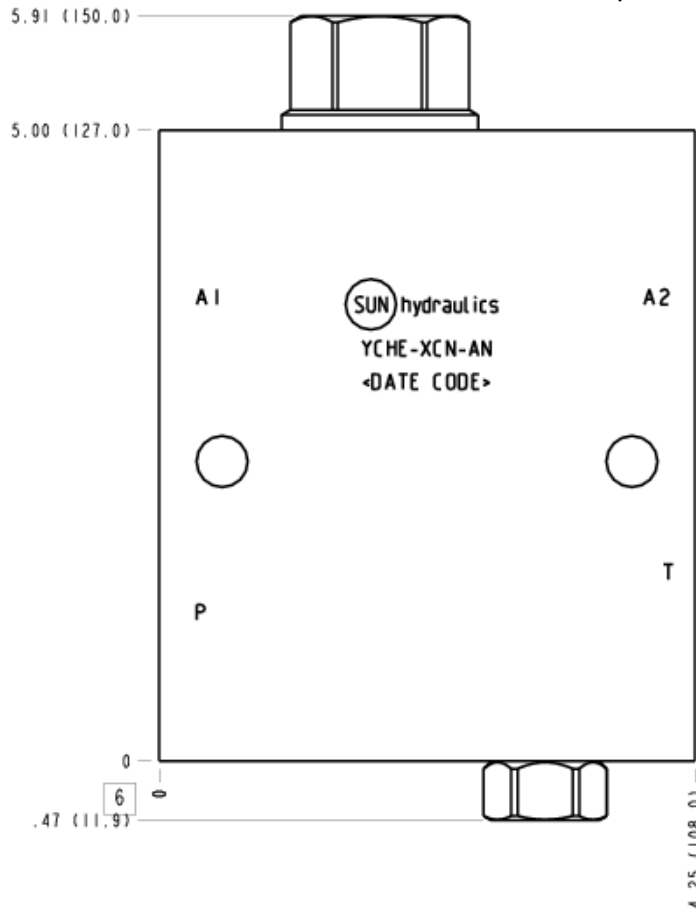
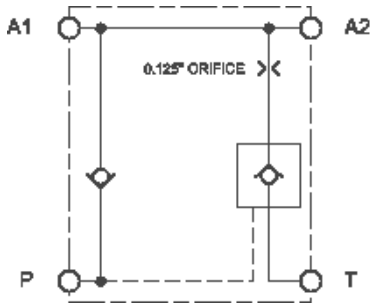
**PORT DESIGNATORS** (L)

<b>Modifiers</b>	<b>Ports</b>
<b>L, L/S</b>	Ports P, T, A1, A2: SAE 12;
A, A/S	Ports P, T, A1, A2: 1/4" NPTF;
B, B/S	Ports P, T, A1, A2: 3/8" NPTF;
C, C/S	Ports P, T, A1, A2: 1/2" NPTF;
D, D/S	Ports P, T, A1, A2: 3/4" NPTF;
I, I/S	Ports P, T, A1, A2: SAE 6;
J, J/S	Ports P, T, A1, A2: SAE 8;
K, K/S	Ports P, T, A1, A2: SAE 10;
T, T/S	Ports P, T, A1, A2: 1/4" BSPP;
U, U/S	Ports P, T, A1, A2: 3/8" BSPP;
V, V/S	Ports P, T, A1, A2: 1/2" BSPP;
W, W/S	Ports P, T, A1, A2: 3/4" BSPP;

**MATERIAL DESIGNATOR**      No modifier - inch, aluminum      /S - Inch, Ductile Iron      /M - Metric, Aluminum      /T - Metric, Ductile Iron

**INCLUDED COMPONENTS**

<b>Part</b>	<b>Description</b>	<b>Quantity</b>
COFOXDN	Cartridge	1
CXFAXCN	Cartridge - Primary	1



This assembly will automatically discharge an accumulator through a 0.125 inch orifice whenever the pump is shut off. Whenever the pump is started, the pilot-to-close check valve closes, blocking the discharge path back to tank. The standard check valve prevents oil in the accumulator from back-flowing through the pump.

## TECHNICAL DATA

Body Type	Line mount
Mounting Hole Quantity	2

- NOTES**
- **Important:** Carefully consider the maximum system pressure. The pressure rating of the manifold is dependent on the manifold material, with the port type/size a secondary consideration. Manifolds constructed of aluminum are not rated for pressures higher than 3000 psi (210 bar), regardless of the port type/size specified.
  - For detailed information regarding the cartridges contained in this assembly, click on the models codes shown in the Included Components tab.



### OPTION SELECTION EXAMPLE: YCHEXCAN

**PRIMARY CARTRIDGE CONFIGURATION**

<b>CONTROL</b> <span style="float: right;">(X)</span>	<b>CRACKING PRESSURE</b> <span style="float: right;">(C)</span>	<b>SEAL MATERIAL</b> <span style="float: right;">(N)</span>
<b>X</b> Standard Pilot	<b>C</b> 30 psi (2 bar) A 4 psi (0,3 bar)	<b>N</b> Buna-N V Viton

<b>PRIMARY CARTRIDGE</b>	(A)
<b>A</b> A (with CODA primary cartridge, Pilot-to-close check valve)	

**PORT DESIGNATORS** (N)

Modifiers	Ports
<b>N, N/S</b>	Ports P, A1, A2: SAE 20; Port T: SAE 8; Mounting Holes: .41 DIA (10,4 mm) THROUGH;
5, 5/S	Ports P, A1, A2: 1 1/4" Code 62; Port T: SAE 8; Mounting Holes: .375 - 16UNC x .62 DP;
5/M, 5/T	Ports P, A1, A2: 1 1/4" Code 62; Port T: 1/2" BSPP; Mounting Holes: M10 x 1.5-6H x .62 DP;
6, 6/S	Ports P, A1, A2: 1 1/2" Code 62; Port T: SAE 8; Mounting Holes: .375 - 16UNC x .62 DP;
6/M, 6/T	Ports P, A1, A2: 1 1/2" Code 62; Port T: 1/2" BSPP; Mounting Holes: M10 x 1.5-6H x .62 DP;
8, 8/S	Ports P, A1, A2: 2" Code 62; Port T: SAE 8; Mounting Holes: .375 - 16UNC x .62 DP;
8/M, 8/T	Ports P, A1, A2: 2" Code 62; Port T: 1/2" BSPP; Mounting Holes: M10 x 1.5-6H x .62 DP;
D, D/S	Ports P, A1, A2: 3/4" NPTF; Port T: 1/2" NPTF; Mounting Holes: .41 DIA (10,4 mm) THROUGH;
E, E/S	Ports P, A1, A2: 1" NPTF; Port T: 1/2" NPTF; Mounting Holes: .41 DIA (10,4 mm) THROUGH;
F, F/S	Ports P, A1, A2: 1 1/4" NPTF; Port T: 1/2" NPTF; Mounting Holes: .41 DIA (10,4 mm) THROUGH;
L, L/S	Ports P, A1, A2: SAE 12; Port T: SAE 8; Mounting Holes: .41 DIA (10,4 mm) THROUGH;
M, M/S	Ports P, A1, A2: SAE 16; Port T: SAE 8; Mounting Holes: .41 DIA (10,4 mm) THROUGH;
P, P/S	Ports P, A1, A2: 1" Code 61; Port T: SAE 8; Mounting Holes: .375 - 16UNC x .62 DP;
P/M, P/T	Ports P, A1, A2: 1" Code 61; Port T: 1/2" BSPP; Mounting Holes: M10 x 1.5-6H x .62 DP;
Q, Q/S	Ports P, A1, A2: 1 1/4" Code 61; Port T: SAE 8; Mounting Holes: .375 - 16UNC x .62 DP;
Q/M, Q/T	Ports P, A1, A2: 1 1/4" Code 61; Port T: 1/2" BSPP; Mounting Holes: M10 x 1.5-6H x .62 DP;
R, R/S	Ports P, A1, A2: 1 1/2" Code 61; Port T: SAE 8; Mounting Holes: .375 - 16UNC x .62 DP;
R/M, R/T	Ports P, A1, A2: 1 1/2" Code 61; Port T: 1/2" BSPP; Mounting Holes: M10 x 1.5-6H x .62 DP;
S, S/S	Ports P, A1, A2: 2" Code 61; Port T: SAE 8; Mounting Holes: .375 - 16UNC x .62 DP;
S/M, S/T	Ports P, A1, A2: 2" Code 61; Port T: 1/2" BSPP; Mounting Holes: M10 x 1.5-6H x .62 DP;
W, W/S	Ports P, A1, A2: 3/4" BSPP; Port T: 1/2" BSPP; Mounting Port: .41 DIA (10,4 mm) THROUGH;
X, X/S	Ports P, A1, A2: 1" BSPP; Port T: 1/2" BSPP; Mounting Holes: .41 DIA (10,4 mm) THROUGH;
Y, Y/S	Ports P, A1, A2: 1 1/4" BSPP; Port T: 1/2" BSPP; Mounting Holes: .41 DIA (10,4 mm) THROUGH;

**MATERIAL DESIGNATOR**      No modifier - inch, aluminum      /S - Inch, Ductile Iron      /M - Metric, Aluminum      /T - Metric, Ductile Iron

**INCLUDED COMPONENTS**

Part	Description	Quantity
CODAXCN	Cartridge - Primary	1
CXHAXCN	Cartridge	1

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