## **SOLENOID OPERATED DIRECTIONAL VALVE** SWH-G02 MOBILE APPLICATION (31) SERIES





Application	Spool Type	Symbols	Application	Spool Type	Symbols
4-way, 3-position Spring Centered	C2	$\overset{a}{\underset{T}{\longrightarrow}} \overset{A \ B}{\underset{T}{\longrightarrow}} \overset{P \ B}{\underset{T}{\longrightarrow}} \overset{A \ B}{\underset{T}{\underset{T}{\longrightarrow}} \overset{A \ B}{$	4-way, 2-position	N2	$ \begin{array}{c} a \\ \hline \\$
	C3		No Spring, No Detent	N3	
	C4		4-way, 2-position	D2	$ \xrightarrow{A}_{P} \xrightarrow{A}_{T} \xrightarrow{B}_{T} \xrightarrow{T}_{T} \xrightarrow{T}_{T} \xrightarrow{T}_{T} \xrightarrow{b}_{T} \xrightarrow{b} \xrightarrow{b}_{T} \xrightarrow{b}_{T} \xrightarrow{b}_{T} \xrightarrow{b}_{T} \xrightarrow{b}_{T} \xrightarrow{b}_{T} \xrightarrow{b}$
	C40		Detent	D3	
	C5			B2	$\bigwedge \begin{bmatrix} A & B \\ \downarrow & \downarrow   1 & 1 \\ P & T \end{bmatrix} \xrightarrow{b}$
	C6		4-way, 2-position	В3	$\bigwedge_{P}^{A} \stackrel{B}{\underset{T}{\underset{T}{\underset{T}{\underset{T}{\underset{T}{\underset{T}{\underset{T}{\underset$
	C60		Spring Offset (Solenoid b)	B20	$\bigwedge_{P}^{A B}_{T T T T} \overset{b}{\underset{P}{\overset{D}{}}}$
	С7			B21	$\bigwedge \begin{bmatrix} A & B \\ \downarrow & \downarrow & \downarrow \\ P & T \end{bmatrix} \xrightarrow{b}$
	C8			B2S	$ \xrightarrow{a} \xrightarrow{A B} \xrightarrow{P T} $
	С9			B3S	
4-way, 2-position Spring Offset (Solenoid b)	C2B	$\bigwedge_{\substack{T \ T \ T}}^{A \ B} \bigvee_{P \ T}^{b}$	4-way, 2-position	B20S	$ \begin{array}{c} a & A & B \\ \hline & & & & \\ \hline & & & & \\ \hline & & & & \\ \hline & & & &$
	C3B		Spring Offset (Solenoid a)	C2BS	$ \xrightarrow{a} \xrightarrow{A B} \xrightarrow{T T} \xrightarrow{T} \xrightarrow{T} \xrightarrow{P T} $
	C4B			C3BS	
	C40B	$\bigwedge_{\substack{T \\ T \\ P \\ T}}^{A B} \left[ \begin{array}{c} b \\ b \\ b \\ b \\ \end{array} \right]_{b}$		C4BS	

## **List of Spool Configurations**

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Application	Spool Type	Symbols	Application	Spool Type	Symbols
4-way, 2-position Spring Offset (Solenoid b)	C5B			C40BS	
	C6B	$\bigwedge_{P T}^{A B} \overset{b}{\longrightarrow} \overset{b}{\longrightarrow}$		C5BS	
	C60B		4-way,	C6BS	$ \begin{array}{c} a \\ \hline \\ \hline \\ P \\ T \end{array} \begin{array}{c} A \\ \hline \\ P \\ T \end{array} \begin{array}{c} A \\ \hline \\ P \\ T \end{array} $
	C7B	$\bigwedge \stackrel{A B}{\underset{P T}{\vdash}} \stackrel{b}{}$	2-position Spring Offset	C60BS	$ \xrightarrow{a} \xrightarrow{AB} \xrightarrow{AB} \xrightarrow{II I I I I I I} \xrightarrow{P T} $
	C8B	$\sim \bigvee_{\substack{I = 1 \\ P \ T}}^{A B} \bigvee_{\substack{b \\ P \ T}}^{b}$	(Solenoid a)	C7BS	
	C9B	$\sim \bigvee_{P T}^{A B} \bigvee_{T}^{b}$		C8BS	
	C5SB			C9BS	a $A$ $B$ $T$ $P$ $T$
	C8SB	$\sim \bigvee_{\substack{T \\ P \\ T}}^{A B} \bigvee_{\substack{D \\ P \\ T}}^{b}$		C5S	
	C9SB		4-way, 3-position Spring Centered	C8S	
				C9S	$\overset{a}{\longrightarrow} \overset{A}{\stackrel{B}{\stackrel{T}{\longrightarrow}}} \overset{B}{\stackrel{T}{\stackrel{T}{\xrightarrow}}} \overset{A}{\xrightarrow} \overset{B}{\xrightarrow} \overset{B}{\xrightarrow}$

## **List of Spool Configurations**

## HOW TO ORDER

SWH -	G02 -	- C4 -	- D24	- 31	- <u>F</u> -	- D -	C0 00	
$\overline{(1)}$	$\overline{(2)}$	$\overline{(3)}$	(4)	$\overline{(5)}$	6	$\overline{(7)}$	$\overline{(8)}$ $\overline{(9)}$	

- ① High Pressure High Flow Solenoid Operated Directional Valve.
- 2 DN 6mm, Subplate Mounted.
- ③ Spool Type, Please Refer Last Page.
- (4) Coil Voltage D12: DC 12V

D24: DC 24V

- 5 Design Serial Code: Lead Wire Type
- 6 F: Viton Seal

No Code: NBR Seal

- ⑦ Diode Build In Coil
- (8) C0: Without Body Grounding
  - C1: With Body Grounding
- (9) Connection Terminal: Other Special Items Expressed As 00-99

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