

SOLENOID CONTROLLED PILOT OPERATED DIRECTIONAL VALVE SW-G06 SERIES





Hirschmann Type With Indicating Lights

Joint Box With Indicating Lights

HOW TO ORDER

SW	-G	06	-C2	-ET	-A220	-10	-AB	-K
Series	Mounting Style	Nominal Size	Spool Type	Option ET	Coil Voltage	Wiring	Stroke Adjus	stment Option
High Pressure, High Flow Solenoid Directional Valve	Subplate Mounted	20mm	Refer to the Next Page	1	2	3	4	Knob Option

① Option ET

Pilot	Туре	Drain Type		
E	No Code	Т	No Code	
External Pilot	Standard Internal Pilot Type	External Drain	Standard Internal Drain Type	

Description

Control Connection	Drain Type	Notice
Internal Pilot Type	External Drain	Pilot Pressure Of Internally Drained Valves Must Always Exceed Tank Port Pressure
	Internal Drain	Open Center Spools C3, C5, C6, C60 Must Be Externally Piloted
External Dilet Tyre	External Drain	Unlimited Use
External Pilot Type	Internal Drain	

② Coil Voltage

Coil Type	Voltage
A240	AC240V,60Hz;AC220V,50Hz
A220	AC220V,60Hz;AC200V,50Hz
A120	AC120V,60Hz;AC110V,50Hz
A110	AC110V,60Hz;AC100V,50Hz
R240	AC240V,60Hz;AC220V,50Hz
D12	DC12V
D24	DC24V

③ Wiring

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④ Stroke Adjustment Option

No Code	Standard
AB	With Stroke Adjustment Both Ends
A	With Stroke Adjustment Port "A" End
В	With Stroke Adjustment Port "B" End



List of Spool Configurations

Application	Spool Type	Symbols	Application	Spool Type	Symbols
	C2		4-way, 2-position	N2	$ \begin{array}{c} a \\ A \\ P \\ T \\ P \\ T \\ \end{array} $
	C3		No Spring, No Detent	N3	
	C31		4-way,	D2	
	C4		2-position Detent	D3	
	C40			B2	$\bigwedge_{\substack{P \ T}}^{A \ B} \stackrel{b}{\underset{P \ T}{\overset{b}{\overset{b}{\overset{b}{\overset{b}{\overset{b}{\overset{b}{\overset{b}{$
4-way,	C5		4-way, 2-position	В3	
3-position Spring Centered	C6		Spring Offset (Solenoid b)	B20	$\bigwedge_{I = 1 \\ T = 1 \\ P \\ T \\ T$
	C60	$\stackrel{a}{\longrightarrow} \stackrel{A B}{ 1 1 1 1 1 1 1 1 1 $		B21	
	C7			B2S	
	C8			B3S	
	С9			B4S	
	C2B	$\bigwedge_{\substack{T \\ T \\ P \\ T}}^{A B} \sum_{T \\ P \\ T}^{b}$		B20S	$\begin{array}{c} \begin{array}{c} A \\ B \\ \hline \end{array} \\ P \\ T \\ \hline \end{array} \\ P \\ T \\ \end{array} \\ \hline \end{array} \\ \left(\begin{array}{c} A \\ B \\ T \\ T$
	C3B	$\sim \underset{P}{\overset{A B}{\underset{T}}} \underset{T}{\overset{b}{\underset{T}}}$		C2BS	
	C4B		4-way,	C3BS	
	C40B		2-position Spring Offset (Solenoid a)	C4BS	
	C5B			C40BS	
	C6B			C5BS	
1	C60B			C6BS	
4-way, 2-position Spring Offset	C7B	$\bigwedge \overset{A B}{\underset{P T}{\bigsqcup}} \overset{B}{\underset{T}{\bigsqcup}} \overset{b}{\underset{T}{\bigsqcup}}$		C60BS	$ \overset{a}{\longrightarrow} \overset{A B}{\underset{ T T \Pi}{}} \overset{A B}{\underset{ T T \Pi}{}$
(Solenoid b)	C8B			C7BS	
	C9B	$ \underset{P}{\overset{A B}{\underset{T}{\underset{T}}}} $		C8BS	
	C5SB			C9BS	
	C8SB	$\sim \left(\begin{array}{c} A & B \\ T \\ T \\ P \\ T \end{array} \right) \left(\begin{array}{c} A \\ T \\$	4	C5S	
	C9SB	$\sim \left[\frac{A B}{P T} \right]_{P T} \left[\frac{A B}{T} \right]_{P T}$	4-way, 3-position Spring Centered	C8S	
				C9S	