

"H4" ISO Series Valves 5599-2 / 5599-1 - Size 4



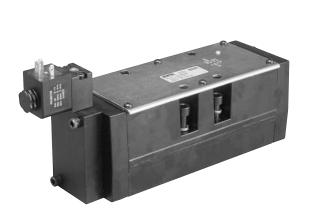


Single Solenoid, 2-Pos		
	H41VXBGA53A	120VAC
	H41VXBGAB9A	24VDC
Double Solenoid, 2-Pos		
	H42VXBGA53A	120VAC
51/3	H42VXBGAB9A	24VDC
Double Solenoid, 3-Pos		
	H45VXBGA53A	120VAC
	H45VXBGAB9A	24VDC

NLMOR, Lighted, Valve Less Base

Single Solenoid, 2-Position H41WXBG383000*A 120VAC Sol. 14 ⊲ H41WXBG2B9000*A 24VDC **Double Solenoid, 2-Position** H42WXBG383000*A Sol. 14 120VAC Sol. 12 H42WXBG2B9000*A 24VDC **Double Solenoid, 3-Position APB** APB H45WXBG383000*A 120VAC #12 H45WXBG2B9000*A 24VDC

NLMOR, Lighted, with Surge Suppression, Valve Less Base 120VAC – 5-Pin Mini; 24VDC – 4-Pin M12 Micro *Specify C, F, or G Wiring Code



"H4" 5599-1 CNOMO Valve

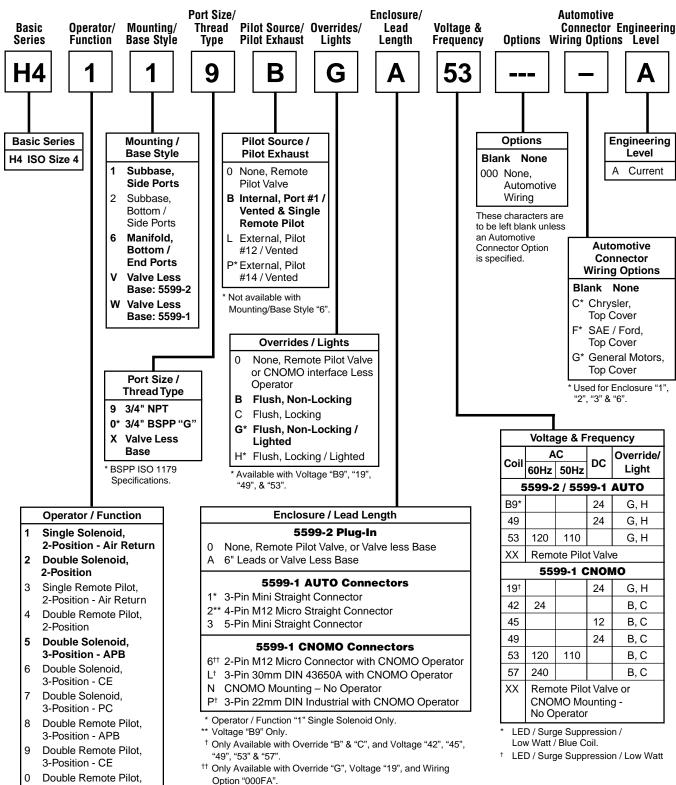
Single Solenoid, 2-Pos		
	H41WXBBL53A	120VAC
	H41WXBBL49A	24VDC
Double Solenoid, 2-Pos		
	H42WXBBL53A	120VAC
5 1 3 '	H42WXBBL49A	24VDC
Double Solenoid, 3-Pos		
	H45WXBBL53A	120VAC
	H45WXBBL49A	24VDC

NLMOR, Unlighted, 30mm 3-Pin DIN with CNOMO, Valve Less Base

"H4" 5599-1 AUTO Valve





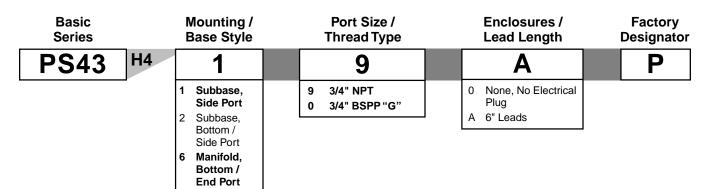


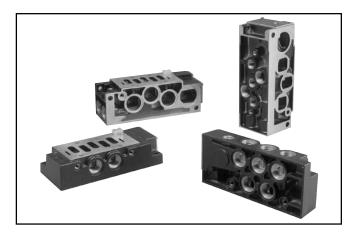
BOLD OPTIONS ARE STANDARD

3-Position - PC



Manifold and Subbase Kit Ordering Code

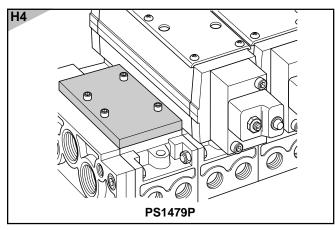




Mounting / H4 Base Style

- 1 #1, #2, #3, #4, and #5 Side Ports Tapped 3/4"; #12 & #14 Side Pilot Ports Tapped 1/8"
- 2 #1, #2, #3, #4, and #5 Bottom Ports Tapped 3/4"; #1, #2, #3, #4, and #5 Side Ports Tapped 1/2"; #12 & #14 Bottom Pilot Ports Tapped 1/8"
- *#2* and #4 End Ports Tapped 3/4"; *#2* and #4 Bottom Ports Tapped 3/4"; *#1*, #3 and #5 Bottom Ports Tapped 1/2"; *#12* & #14 Bottom Pilot Ports Tapped 1/8"

Blanking Plate



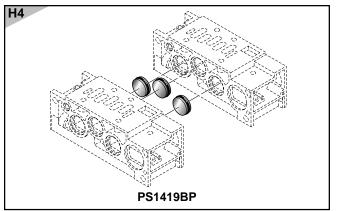
End Plate

Size	Port	Kit Number		
	Size	NPT	BSPP "G"	
H3	1"	PS1437P	PS1480P	



Manifold Port Isolation

• Main Galley (1, 3, 5)



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Flow Rating (C_V)

Size	Port Size	ort Mounting 2-Pc		3-Position
H4	3/4"	Subbase	7.4	5.2
	3/4"	Manifold	7.4	5.2

CSA / NRTL-C

5599-2 / 5599-1 AUTO

H4 - Standard 150 PSI

5599-1 CNOMO

H4 – Maximum Pressure 115 PSI Insert an 'L' at the end of the valve part number.

Temperature Rating

-15°C to 50°C (5°F to 120°F) ambient

Operating Pressure

275 to 1035 kPa (40 to 150 PSI)

Valve to Base Gaskets

H4

- 1. Remove valve from base.
- 2. Remove existing gasket and replace with appropriate gasket shown to fit application.
- 3. When ordering an "H4" Valve, correct gasket is included with corresponding valve callouts.

Internal Pilot Port #1



Single Remote Air Pilot



External Pilot



Double Remote Air Pilot



Note: For single remote pilot valve with common external pilot, use P00151.

Field Conversion of Pilot Supplies

CAUTION: Turn air and electrical supplies off before servicing unit.

H1 H2 H3 (Engineering Level 'A')

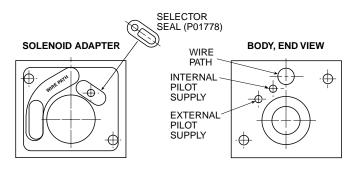
- 1. Remove solenoid coil so that you can access and remove the adapter block at the #14 end (and/or #12 end).
- 2. Remove air return end cap at the #12 end.

Note: Valve body has two pilot holes (internal & external). The internal pilot hole is the one located closest to the wire path hole.

 Position the selector seal into its groove to connect the supply air (from the valve body) to either internal or external pilot supply. The figure shows the external pilot supply being selected.

Note: The same selection of seal positioning needs to be made at both the 12 & 14 ends.

- 4. Reassemble unit using the reverse order that it was taken apart.
- 5. External pilot supply can now be accessed from the 12 or 14 end of the base.



Note: "H3" selector seal recess is in the valve body.





Spool and Body Service Kits (Engineering Level 'A')

Size	2-Position	3-Position					
Size	2-F051001	APB	CE	PC	Kit Includes:		
H1	PS4001P	PS4002P	PS4003P	PS4004P	Spool with seals, piston seals,		
H2	PS4101P	PS4102P	PS4103P	PS4104P	return spring and lubricant.		
НЗ	K232024 * K343094 †	K232021	K323023	K232022	Spool Kit		
	K352419 * K352420 †	K352420	K352420	K352420	Valve body o-rings, piston seals and lubricant.		
H4	P00186	P00187	P00249	P00359	Spool Kit		
	PS1401 * PS1402 †	PS1438	PS1438	PS1438	Valve body o-rings, piston seals and lubricant.		

* Used with Single Solenoid or Single Remote Pilot Valve. †Used with Double Solenoid or Double Remote Pilot Valve.

Solenoid Information (Engineering Level 'A') Voltage Range +10% / -15% of Nominal 5599-2 5599-1 AUTO

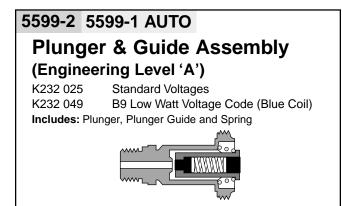
Voltag		Voltage		Coil Kit Number		Power	AC		DC
Voltage Code	60Hz	50Hz	DC	With Indicator Light	Unlighted	Consumption (Watts)	Inrush (Amps)	Hold (Amps)	Hold (Amps)
B9*		—	24	K252 030*	_	3.1	_	—	0.105
42**	24	—	_	—	K252 031	6.0	.60	.41	—
43	_	24	_	—	K252 032	6.0	.57	.40	_
45**	_		12	—	K252 032	6.0		_	.47
49	_	—	24	K252 033	_	6.0	_	_	.23
51	—	—	48	—	K252 035	6.0	_	—	.14
53 120 110		K252 036		6.0	.12	10			
	110		K252 040 [†] ‡	_	6.0	.12	.10		
57**	240	_	_	—	K252 038	6.0	.07	.045	—
59**	_	240	_	—	K252 039	6.0	.07	.033	_
23 / 83** ‡	120	110	_	K252 040 [‡]		6.0	.12	.10	_

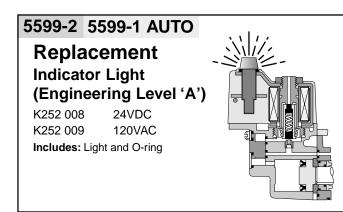
Low watt with surge suppression (Blue).

** Voltages available as kits only.

Replacement coil when Automotive Option "C", "F", & "G" are specified in the valve model number. t

± This coil contains an MOV as standard for surge suppression.

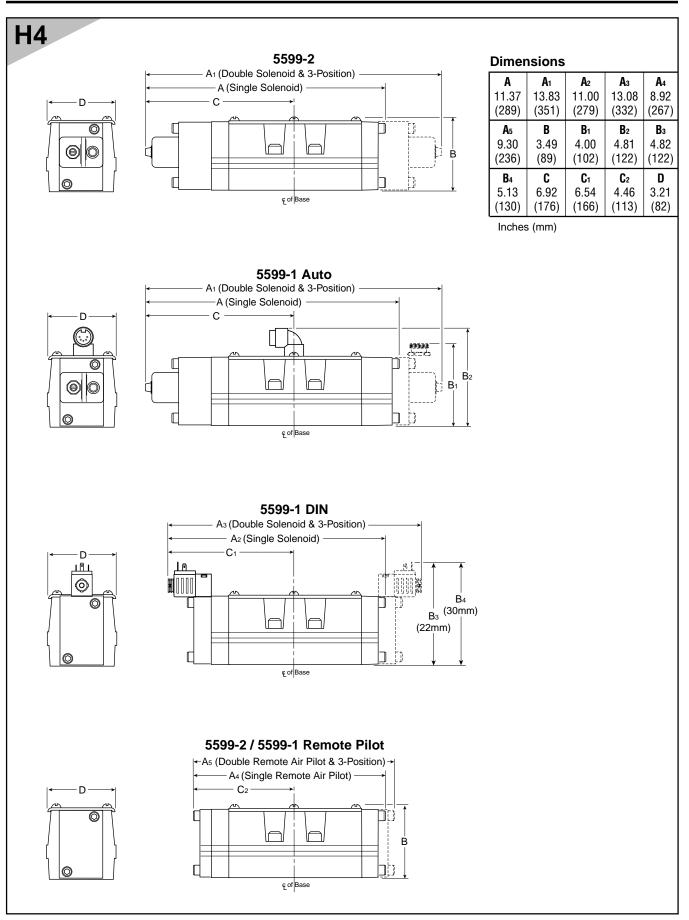




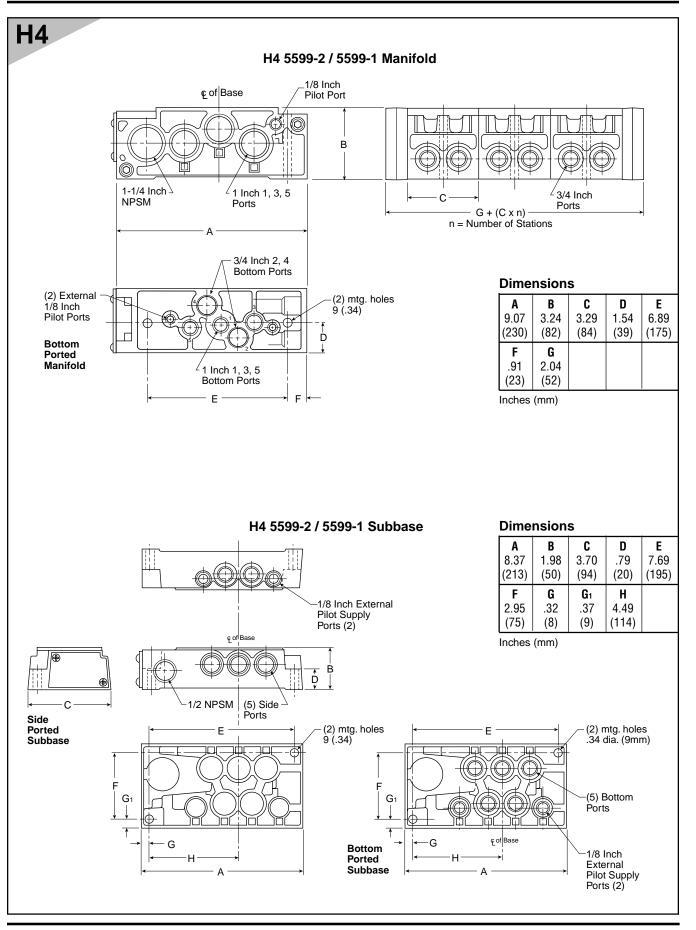
Catalog 0645/USA **Dimensions**



"H4" ISO Series Valves H4 ISO Valve 5599-2 / 5599-1











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