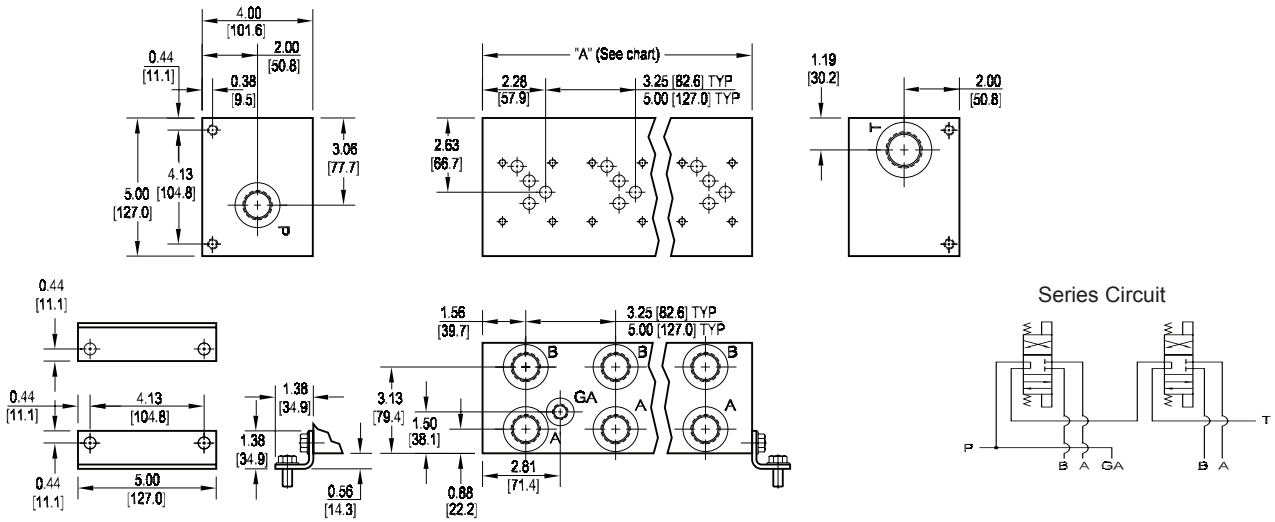
D05 High Flow Series Circuit Manifold



No. of stations	02	03	04
"A" length (code 3 spa.) inch [mm]	6.50 [165.1]	9.75 [247.7]	13.00 [330.2]
apx. weight alum lb [kg]	12 [5]	17 [8]	22 [10]
apx. weight iron lb [kg]	38 [17]	57 [26]	75 [34]
"A" length (code 5 spa.) inch [mm]	8.25 [209.6]	13.25 [336.6]	18.25 [463.6]
apx. weight alum lb [kg]	18 [8]	26 [12]	33 [15]
apx. weight iron lb [kg]	48 [22]	77 [35]	106 [48]

All mounting hardware is supplied.
See page 62 for itemized list.

Port code	Valve mtg.	Manifold mtg.
P, S	0.25-20 UNC x 0.75 [19] DP	0.38-16 UNC x 0.75 [19] DP
B, M, T	M6 ISO 6H x 0.75 [19] DP	M10 ISO 6H x 0.75 [19] DP

Specifications, descriptions, and dimensional data are subject to correction or change without notice or incurring obligation.
Download latest catalog page revisions at www.daman.com.

Ordering Information

Material	Valve Pattern	Circuit	No. of Stations	Valve Spacing	Port Threads	/	Options

Material

A	Aluminum - 6061-T6 3000† psi • 20.7 MPa
D	Ductile Iron - D4512 5000† psi • 34.5 MPa
N	Electroless Nickel Coated Ductile Iron - D4512 5000† psi • 34.5 MPa

† Working pressure should be considered in accordance with ISO 4413 to determine appropriate material type.

Valve Pattern

D05	ISO 4401-05-04 NFPA T3.5.1-D05 See Tech Information

Circuit

HS	Series Circuit High Flow

No. of Stations

Aluminum	
02...04	Available with spacing code 3
02...04	Available with spacing code 5
Ductile Iron	
02...04	Available with spacing code 3
02...04	Available with spacing code 5

Valve Spacing

3	3.25 inch 82.6 mm
5	5.00 inch 127.0 mm

Port Threads

		P,A,B	T	X,Y,L optional	GA
P	NPTF • ANSI B1.20.3	0.75	1.00	0.38	0.25
S	SAE • ISO 11926	-12	-16	-6	-6
B	BSPP • ISO 1179	0.75	1.00	0.38	none
M	ISO • ISO 6149	M27	M33	M14	none
T	BSPT • ISO 7	0.75	1.00	0.38	none

Options

See next page for available options and ordering codes.

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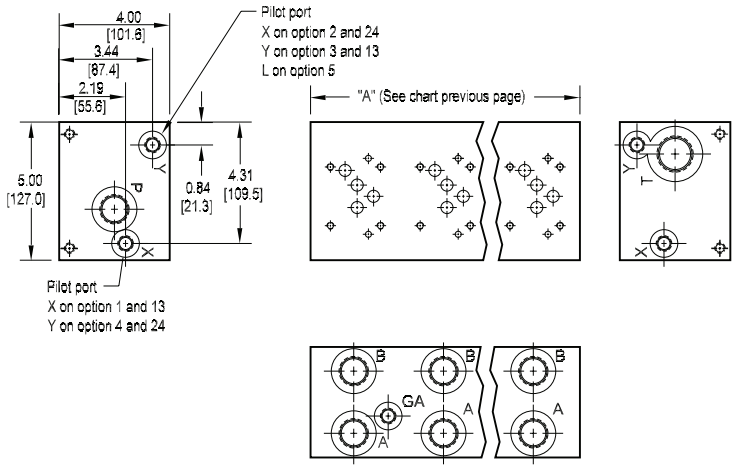
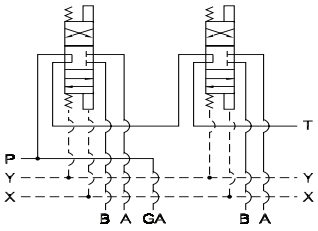
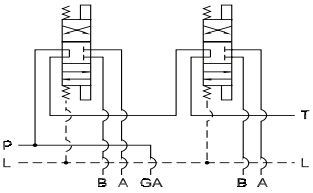
Options - D05 High Flow Series Manifold



Series Circuit with X & Y



Series Circuit with L



Ordering Information

... /	Pilot Ports

Pilot Ports	
Omit if pilot ports not required	
1	X port (USA std) NFPA T3.5.1-D05 Alt-B
3	Y port (USA std) NFPA T3.5.1-D05 Alt-B
13	X & Y ports (USA std) NFPA T3.5.1-D05 Alt-B
2	X port ISO 4401-05-05 NFPA T3.5.1-D05 Alt-A
4	Y port ISO 4401-05-05 NFPA T3.5.1-D05 Alt-A
24	X & Y ports ISO 4401-05-05 NFPA T3.5.1-D05 Alt-A
5	L ports Proportional valves

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