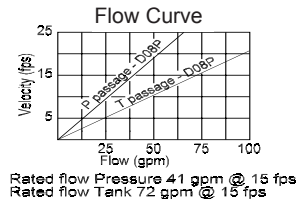
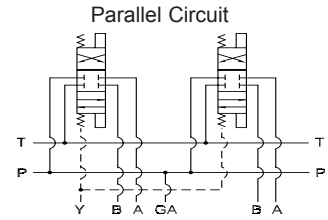
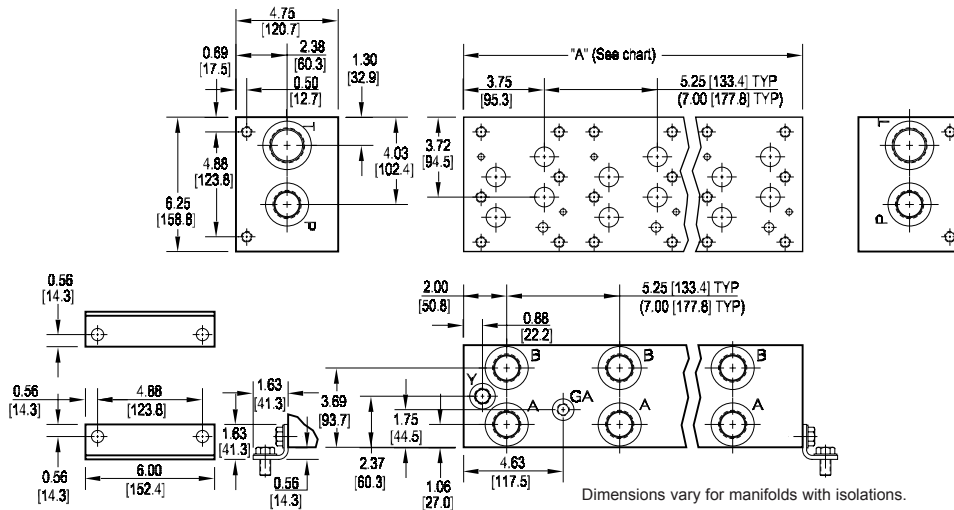


D08 Standard Flow Parallel Manifold



No. of stations	* 01	02	03	04	05	06	07
"A" length (code 5 spa.) inch [mm]	5.25 [133.4]	10.50 [266.7]	15.75 [400.1]	21.00 [533.4]	26.25 [666.8]	31.50 [800.1]	36.75 [933.5]
apx. weight alum lb [kg]	12 [5]	24 [11]	35 [16]	49 [22]	61 [28]	75 [34]	89 [40]
apx. weight iron lb [kg]	45 [20]	90 [41]	136 [62]	181 [82]	226 [103]	271 [123]	356 [162]
"A" length (code 7 spa.) inch [mm]	--	12.25 [311.2]	19.25 [489.0]	26.25 [666.8]	33.25 [844.6]	--	--
apx. weight alum lb [kg]	--	28 [13]	44 [20]	64 [29]	74 [34]	--	--
apx. weight iron lb [kg]	--	105 [48]	166 [75]	226 [103]	286 [130]	--	--

All mounting hardware is supplied.
See page 63 for itemized list.

Port code	Valve mtg.	Manifold mtg.
P, S	0.50-13 UNC x 1.19 [30] DP	0.50-13 UNC x 0.88 [22.3] DP
B, M, T	M12 ISO 6H x 1.19 [30] DP	M12 ISO 6H x 0.88 [22.3] DP

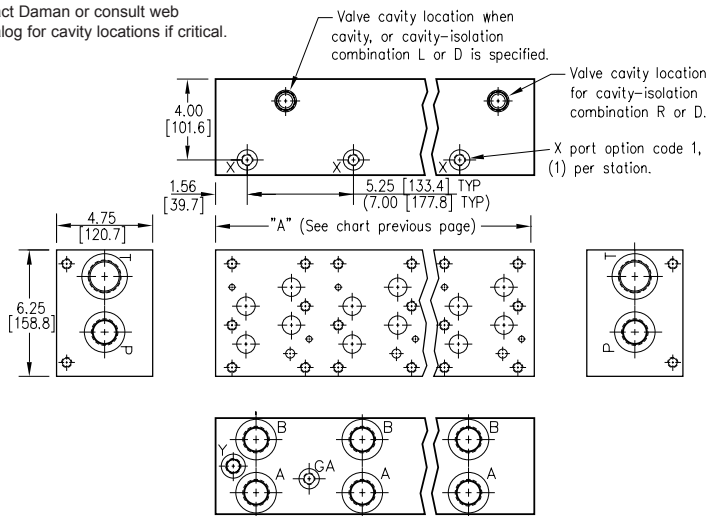
Specifications, descriptions, and dimensional data are subject to correction or change without notice or incurring obligation.
Download latest catalog page revisions at www.daman.com.

Ordering Information

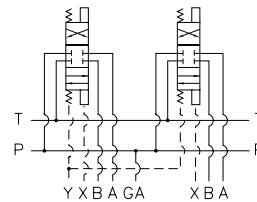
Material	Valve Pattern	Circuit	No. of Stations	Valve Spacing	Port Threads	Options																																																																																							
<table border="1" style="width: 100%;"> <thead> <tr><th colspan="2">Material</th></tr> </thead> <tbody> <tr> <td style="text-align: center;">A</td> <td>Aluminum - 6061-T6 3000[†] psi • 20.7 MPa</td> </tr> <tr> <td style="text-align: center;">D</td> <td>Ductile Iron - D4512 5000[†] psi • 34.5 MPa</td> </tr> </tbody> </table> <p>[†] Working pressure should be considered in accordance with ISO 4413 to determine appropriate material type.</p>	Material		A	Aluminum - 6061-T6 3000 [†] psi • 20.7 MPa	D	Ductile Iron - D4512 5000 [†] psi • 34.5 MPa	<table border="1" style="width: 100%;"> <thead> <tr><th colspan="2">Valve Pattern</th></tr> </thead> <tbody> <tr> <td style="text-align: center;">D08</td> <td>ISO 4401-08-07 NFPA T3.5.1-D08 See Tech Information</td> </tr> </tbody> </table>	Valve Pattern		D08	ISO 4401-08-07 NFPA T3.5.1-D08 See Tech Information	<table border="1" style="width: 100%;"> <thead> <tr><th colspan="2">Circuit</th></tr> </thead> <tbody> <tr> <td style="text-align: center;">P</td> <td>Parallel Circuit Standard Flow</td> </tr> </tbody> </table>	Circuit		P	Parallel Circuit Standard Flow	<table border="1" style="width: 100%;"> <thead> <tr><th colspan="2">No. of Stations</th></tr> </thead> <tbody> <tr><td colspan="2" style="text-align: center;">Aluminum</td></tr> <tr> <td style="text-align: center;">01...07</td> <td>Available with spacing code 5</td> </tr> <tr> <td style="text-align: center;">02...05</td> <td>Available with spacing code 7</td> </tr> <tr><td colspan="2" style="text-align: center;">Ductile Iron</td></tr> <tr> <td style="text-align: center;">01...07</td> <td>Available with spacing code 5</td> </tr> <tr> <td style="text-align: center;">02...05</td> <td>Available with spacing code 7</td> </tr> </tbody> </table>	No. of Stations		Aluminum		01...07	Available with spacing code 5	02...05	Available with spacing code 7	Ductile Iron		01...07	Available with spacing code 5	02...05	Available with spacing code 7	<table border="1" style="width: 100%;"> <thead> <tr><th colspan="2">Valve Spacing</th></tr> </thead> <tbody> <tr> <td style="text-align: center;">5</td> <td>5.25 inch 133.4 mm</td> </tr> <tr> <td style="text-align: center;">7</td> <td>7.00 inch 177.8 mm</td> </tr> </tbody> </table>	Valve Spacing		5	5.25 inch 133.4 mm	7	7.00 inch 177.8 mm	<table border="1" style="width: 100%;"> <thead> <tr><th colspan="7">Port Threads</th></tr> <tr> <th></th> <th>P,A,B</th> <th>T</th> <th>Y</th> <th>X optional</th> <th>GA</th> <th></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">P</td> <td>NPTF • ANSI B1.20.3</td> <td>1.00</td> <td>1.25</td> <td>0.38</td> <td>0.25</td> <td>0.25</td> </tr> <tr> <td style="text-align: center;">S</td> <td>SAE • ISO 11926</td> <td>-16</td> <td>-20</td> <td>-8</td> <td>-4</td> <td>-6</td> </tr> <tr> <td style="text-align: center;">B</td> <td>BSPP • ISO 1179</td> <td>1.00</td> <td>1.25</td> <td>0.38</td> <td>0.25</td> <td>none</td> </tr> <tr> <td style="text-align: center;">M</td> <td>ISO • ISO 6149</td> <td>M33</td> <td>M42</td> <td>M14</td> <td>M10</td> <td>none</td> </tr> <tr> <td style="text-align: center;">T</td> <td>BSPT • ISO 7</td> <td>1.00</td> <td>1.25</td> <td>0.38</td> <td>0.25</td> <td>none</td> </tr> </tbody> </table>	Port Threads								P,A,B	T	Y	X optional	GA		P	NPTF • ANSI B1.20.3	1.00	1.25	0.38	0.25	0.25	S	SAE • ISO 11926	-16	-20	-8	-4	-6	B	BSPP • ISO 1179	1.00	1.25	0.38	0.25	none	M	ISO • ISO 6149	M33	M42	M14	M10	none	T	BSPT • ISO 7	1.00	1.25	0.38	0.25	none	<table border="1" style="width: 100%;"> <thead> <tr><th colspan="2">Options</th></tr> </thead> <tbody> <tr> <td colspan="2">See next page for available options and ordering codes.</td> </tr> </tbody> </table>	Options		See next page for available options and ordering codes.	
Material																																																																																													
A	Aluminum - 6061-T6 3000 [†] psi • 20.7 MPa																																																																																												
D	Ductile Iron - D4512 5000 [†] psi • 34.5 MPa																																																																																												
Valve Pattern																																																																																													
D08	ISO 4401-08-07 NFPA T3.5.1-D08 See Tech Information																																																																																												
Circuit																																																																																													
P	Parallel Circuit Standard Flow																																																																																												
No. of Stations																																																																																													
Aluminum																																																																																													
01...07	Available with spacing code 5																																																																																												
02...05	Available with spacing code 7																																																																																												
Ductile Iron																																																																																													
01...07	Available with spacing code 5																																																																																												
02...05	Available with spacing code 7																																																																																												
Valve Spacing																																																																																													
5	5.25 inch 133.4 mm																																																																																												
7	7.00 inch 177.8 mm																																																																																												
Port Threads																																																																																													
	P,A,B	T	Y	X optional	GA																																																																																								
P	NPTF • ANSI B1.20.3	1.00	1.25	0.38	0.25	0.25																																																																																							
S	SAE • ISO 11926	-16	-20	-8	-4	-6																																																																																							
B	BSPP • ISO 1179	1.00	1.25	0.38	0.25	none																																																																																							
M	ISO • ISO 6149	M33	M42	M14	M10	none																																																																																							
T	BSPT • ISO 7	1.00	1.25	0.38	0.25	none																																																																																							
Options																																																																																													
See next page for available options and ordering codes.																																																																																													

Options - D08 Standard Flow Parallel Manifold

Contact Daman or consult web CADalog for cavity locations if critical.



Parallel Circuit with X



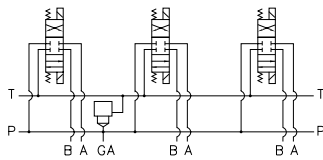
ISOLATIONS

Daman isolation options allow a manifold to have two independent pressure and/or tank ports. Isolations are drilled rather than plugged to ensure a leakproof and failproof isolation.

Ordering code letter:	* Isolation is between stations:	Available # of stations:
5.25 [133.4] spacing		
A	01 & 02	02-07
B	02 & 03	03-07
C	03 & 04	04-07
D	04 & 05	05-07
E	05 & 06	06-07
F	06 & 07	07
7.00 [177.8] spacing		
A	01 & 02	02-05
B	02 & 03	03-05
C	03 & 04	04-05
D	04 & 05	05

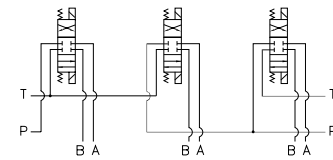
* Stations are numbered left to right.

Parallel Circuit with Cavity



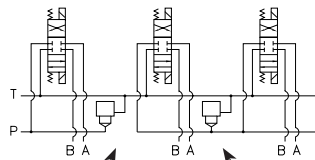
Valves with P in the nose and T out the side must be used.

Parallel Circuit with Isolations



Manifold shown with P isolation between 1 & 2 (PA), and T isolation between 2 & 3 (TB).

Cavity & Isolation Combinations

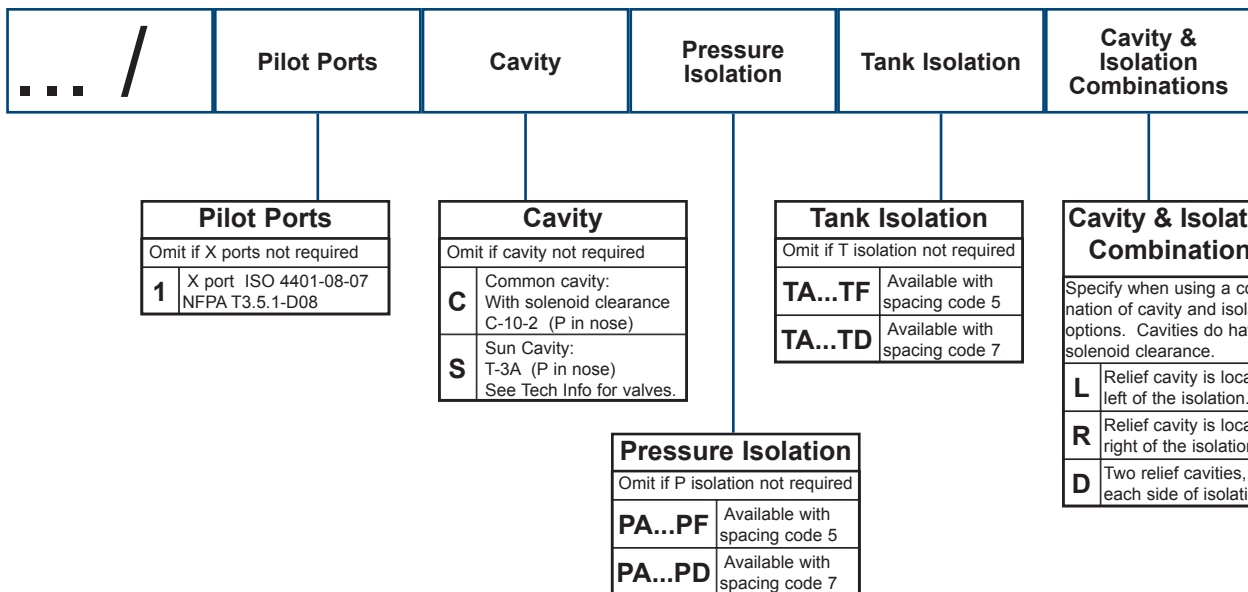


Option code L Cavity left of isolation
Option code R Cavity right of isolation
Option code D includes both cavities

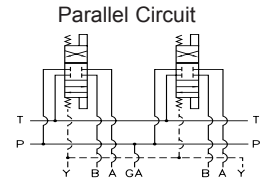
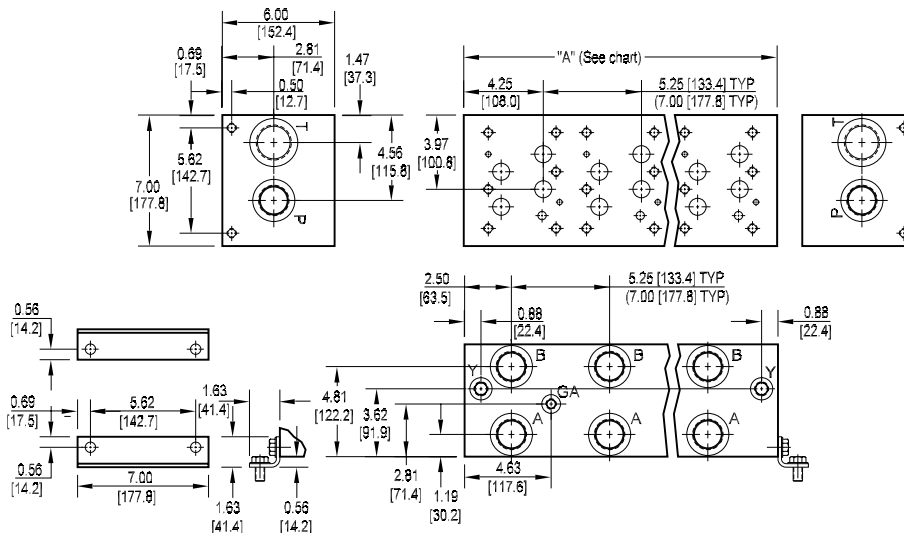
NOTES:

- 1) The GA port is not available on a (1) station manifold.
- 2) The GA port is not available when a pressure isolation is located between stations 1 & 2.

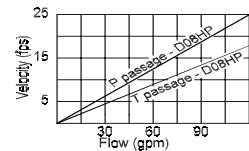
Ordering Information



D08 High Flow Parallel Circuit Manifold



Flow Curve



Rated flow Pressure 72 gpm @ 15 fps
 Rated flow Tank 100 gpm @ 15 fps

No. of stations	* 01	02	03	04	05	06	07
"A" length (code 5 spa.) inch [mm]	6.25 [158.8]	11.50 [292.1]	16.75 [425.5]	22.00 [558.8]	27.25 [692.2]	32.50 [825.5]	37.75 [958.9]
apx. weight alum lb [kg]	26 [12]	48 [22]	70 [32]	92 [42]	114 [52]	136 [62]	158 [72]
apx. weight iron lb [kg]	69 [31]	126 [57]	183 [83]	240 [109]	298 [135]	355 [161]	412 [187]
"A" length (code 7 spa.) inch [mm]	--	13.25 [336.6]	20.25 [514.4]	27.25 [692.2]	34.25 [870.0]	--	--
apx. weight alum lb [kg]	--	55 [25]	85 [39]	114 [52]	143 [65]	--	--
apx. weight iron lb [kg]	--	145 [66]	221 [100]	298 [135]	374 [170]	--	--

All mounting hardware is supplied.
 See page 63 for itemized list.

Port code	Valve mtg.	Manifold mtg.
P, S	0.50-13 UNC x 1.19 [30] DP	0.50-13 UNC x 0.88 [22.3] DP
B, M, T	M12 ISO 6H x 1.19 [30] DP	M12 ISO 6H x 0.88 [22.3] DP

* Gauge port not available on 01 station.

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

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

Valve Pattern	
D08	ISO 4401-08-07 NFPA T3.5.1-D08 See Tech Information

Circuit	
HP	Parallel Circuit High Flow

No. of Stations	
Aluminum	
01...07	Available with spacing code 5
02...05	Available with spacing code 7
Ductile Iron	
01...07	Available with spacing code 5
02...05	Available with spacing code 7

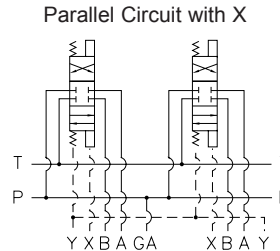
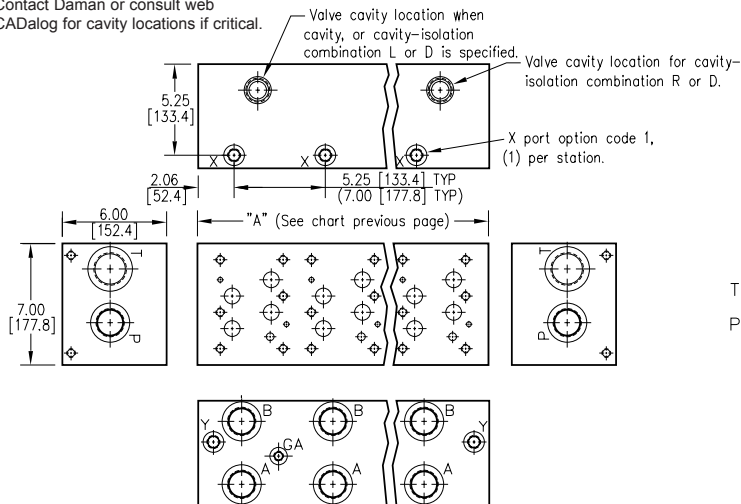
Valve Spacing	
5	5.25 inch 133.4 mm
7	7.00 inch 177.8 mm

Options	
See next page for available options and ordering codes.	

Port Threads	P,A,B	T	Y	X optional	GA
P	NPTF • ANSI B1.20.3	1.25	1.50	0.38	0.25
S	SAE • ISO 11926	-20	-24	-8	-4
B	BSPP • ISO 1179	1.25	1.50	0.50	0.25
M	ISO • ISO 6149	M42	M48	M16	M10
T	BSPT • ISO 7	1.25	1.50	0.50	0.25

Options - D08 High Flow Parallel Manifold

Contact Daman or consult web CADalog for cavity locations if critical.



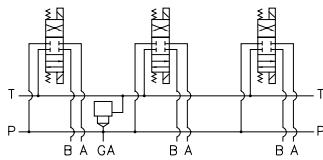
ISOLATIONS

Daman isolation options allow a manifold to have two independent pressure and/or tank ports. Isolations are drilled rather than plugged to ensure a leakproof and failproof isolation.

Ordering code letter:	* Isolation is between stations:	Available # of stations:
5.25 [133.4] spacing		
A	01 & 02	02-07
B	02 & 03	03-07
C	03 & 04	04-07
D	04 & 05	05-07
E	05 & 06	06-07
F	06 & 07	07
7.00 [177.8] spacing		
A	01 & 02	02-05
B	02 & 03	03-05
C	03 & 04	04-05
D	04 & 05	05

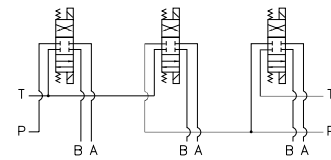
* Stations are numbered left to right.

Parallel Circuit with Cavity



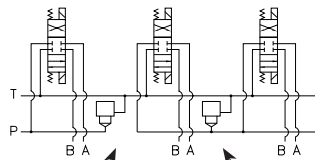
Valves with P in the nose and T out the side must be used.

Parallel Circuit with Isolations



Manifold shown with P isolation between 1 & 2 (PA), and T isolation between 2 & 3 (TB).

Cavity & Isolation Combinations

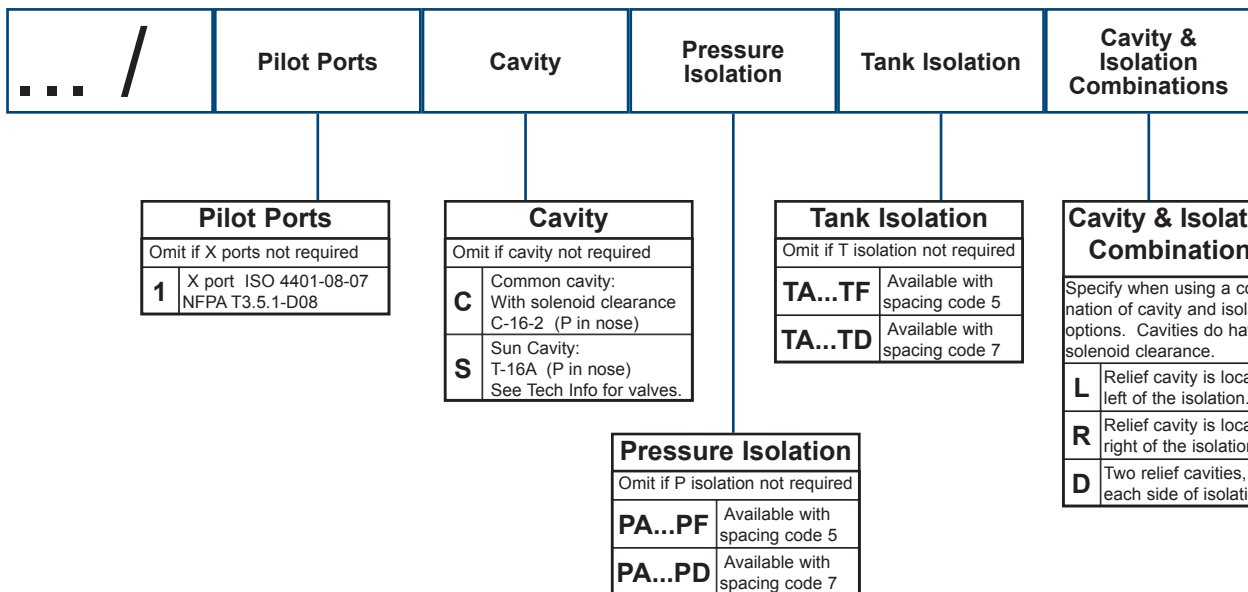


Option code L Cavity left of isolation
Option code R Cavity right of isolation
Option code D includes both cavities

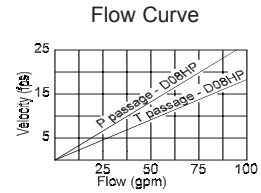
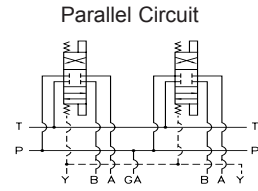
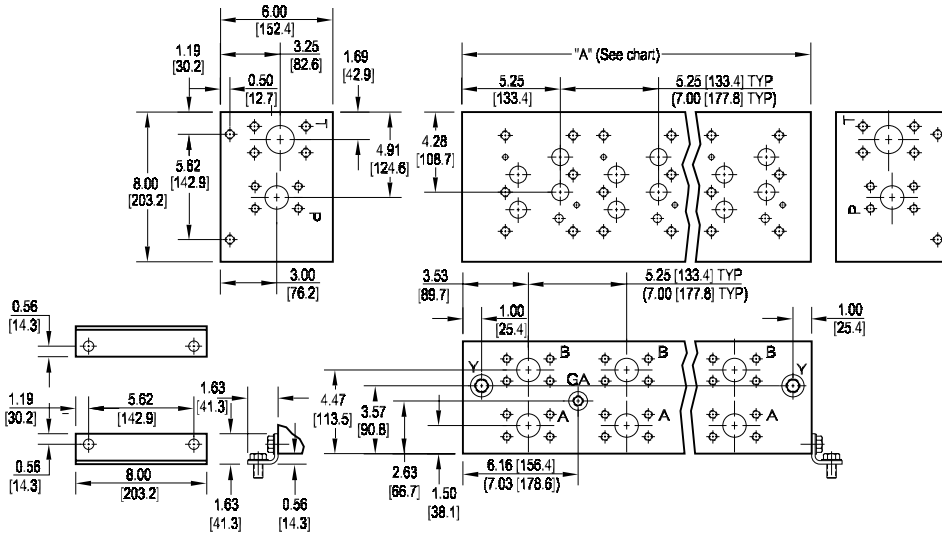
NOTES:

- 1) The GA port is not available on a (1) station manifold.
- 2) The GA port is not available when a pressure isolation is located between stations 1 & 2.

Ordering Information



D08 High Flow Parallel Circuit Manifold - Flange Ports



No. of stations	01	02	03	04	05	06	07
"A" length (code 5 spa.) inch [mm]	7.63 [193.7]	12.88 [327.0]	18.13 [460.4]	23.38 [593.7]	28.63 [727.1]	33.88 [860.4]	39.13 [993.8]
apx. weight alum lb [kg]	37 [16.6]	62 [28]	87 [40]	112 [51]	137 [62]	163 [74]	188 [85]
apx. weight iron lb [kg]	99 [45]	167 [76]	235 [107]	303 [137]	--	--	--
"A" length (code 7 spa.) inch [mm]	--	14.63 [371.5]	21.63 [549.3]	28.63 [727.1]	35.63 [904.9]	--	--
apx. weight alum lb [kg]	--	70 [32]	104 [47]	137 [62]	171 [78]	--	--
apx. weight iron lb [kg]	--	190 [86]	280 [127]	--	--	--	--

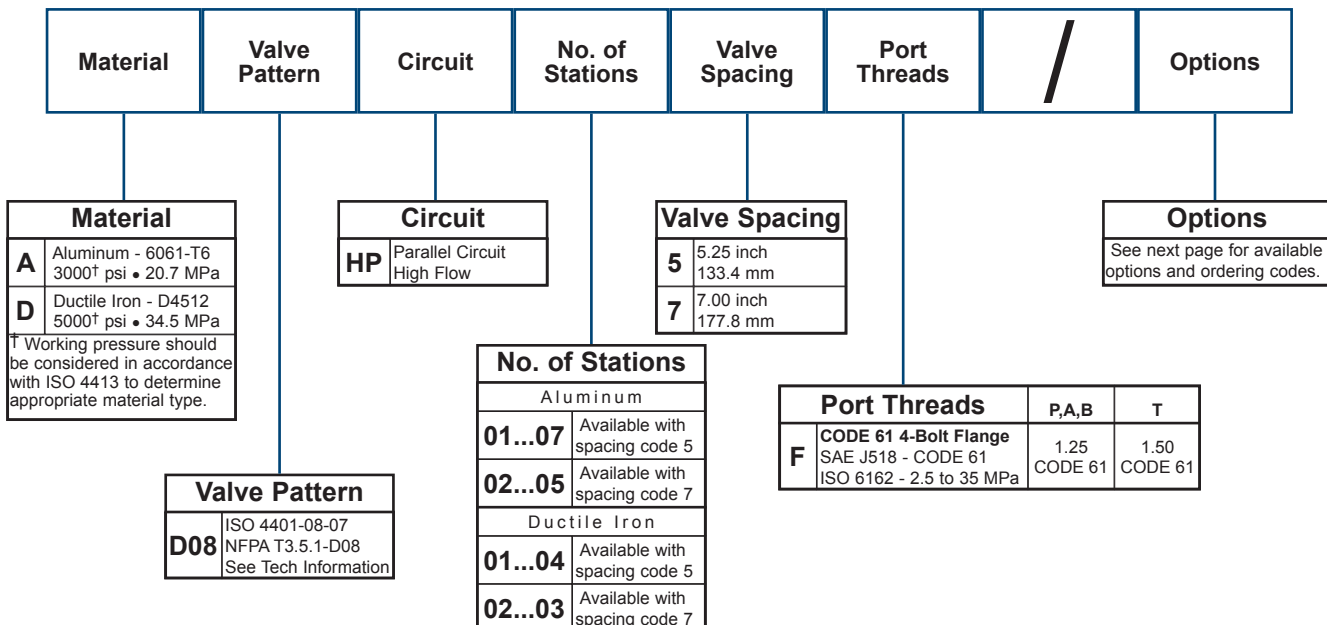
All mounting hardware is supplied.
See page 63 for itemized list.

Port code	Valve mtg.	Manifold mtg.	Flange mtg.	GA port	Y port	X port *
F	0.50-13 UNC x 1.19 [30] DP	0.50-13 UNC x 0.88 [22] DP	ISO 6162 Type II - Inch	-6 SAE J1926	-8 SAE J1926	-4 SAE J1926
F / M	M12 ISO 6H x 1.19 [30] DP	M12 ISO 6H x 0.88 [22] DP	ISO 6162 Type I - metric	NONE	M16 ISO 6149	M10 ISO 6149

* X port is optional. See options on next page.

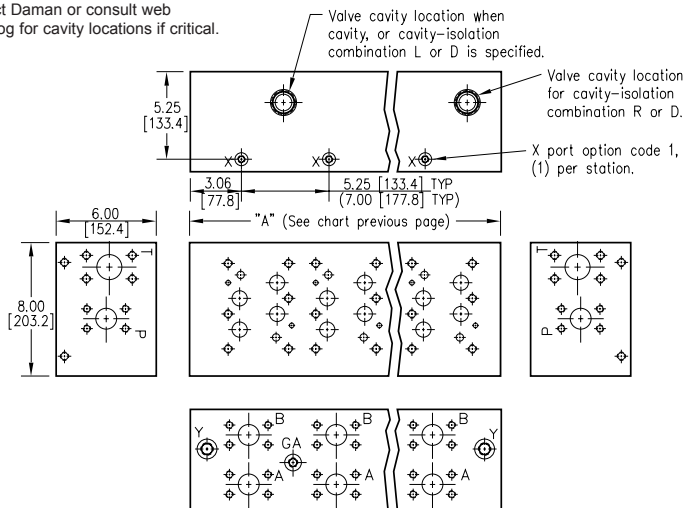
Specifications, descriptions, and dimensional data are subject to correction or change without notice or incurring obligation. Download latest catalog page revisions at www.daman.com.

Ordering Information

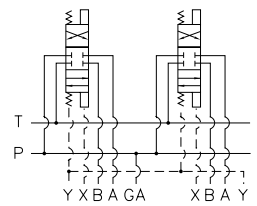


Options - D08 High Flow Parallel Manifold Flange Ports

Contact Daman or consult web CADalog for cavity locations if critical.



Parallel Circuit with X



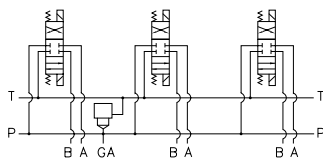
ISOLATIONS

Daman isolation options allow a manifold to have two independent pressure and/or tank ports. Isolations are drilled rather than plugged to ensure a leakproof and failproof isolation.

Ordering code letter:	* Isolation is between stations:	Available # of stations:
5.25 [133.4] spacing		
A	01 & 02	02-07
B	02 & 03	03-07
C	03 & 04	04-07
D	04 & 05	05-07
E	05 & 06	06-07
F	06 & 07	07
7.00 [177.8] spacing		
A	01 & 02	02-05
B	02 & 03	03-05
C	03 & 04	04-05
D	04 & 05	05

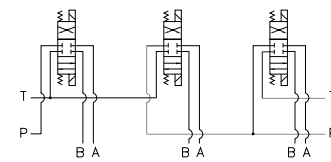
* Stations are numbered left to right.

Parallel Circuit with Cavity



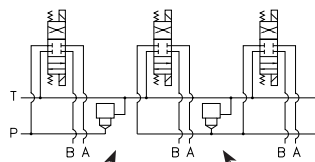
Valves with P in the nose and T out the side must be used.

Parallel Circuit with Isolations



Manifold shown with P isolation between 1 & 2 (PA), and T isolation between 2 & 3 (TB).

Cavity & Isolation Combinations



Option code L
Cavity left of isolation
Option code R
Cavity right of isolation
Option code D includes both cavities

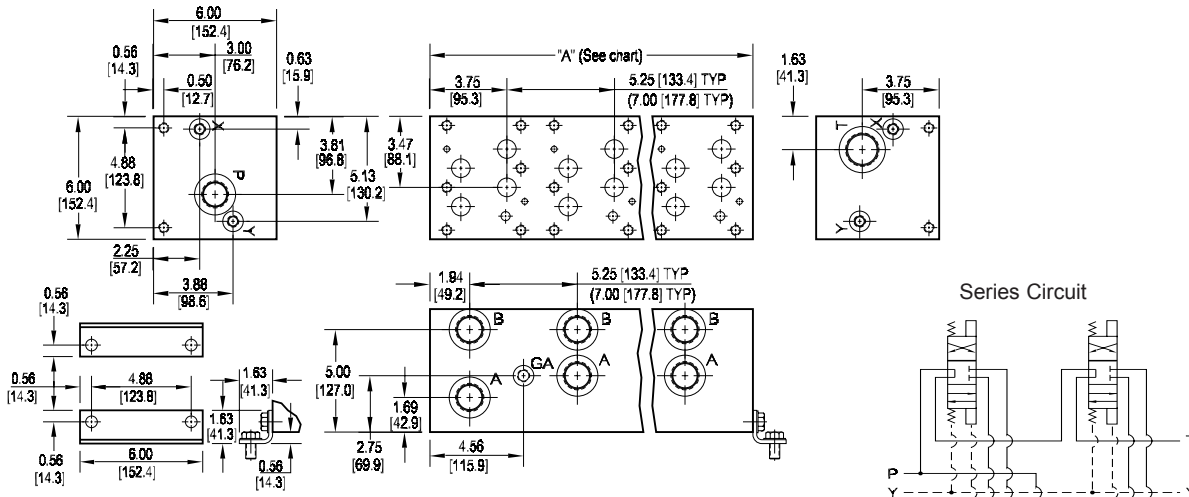
NOTES:

1) The GA port is not available when a pressure isolation is located between stations 1 & 2.

Ordering Information

...	Thread Type	Pilot Ports	Cavity	Pressure Isolation	Tank Isolation	Cavity & Isolation Combinations																																														
	<table border="1"> <thead> <tr> <th colspan="2">Thread Type</th> </tr> </thead> <tbody> <tr> <td>Omit</td> <td>Inch threads / ports</td> </tr> <tr> <td>M</td> <td>Metric threads / ports</td> </tr> </tbody> </table>	Thread Type		Omit	Inch threads / ports	M	Metric threads / ports	<table border="1"> <thead> <tr> <th colspan="2">Pilot Ports</th> </tr> </thead> <tbody> <tr> <td colspan="2">Omit if X ports not required</td> </tr> <tr> <td>1</td> <td>X port ISO 4401-08-07 NFPA T3.5.1-D08</td> </tr> </tbody> </table>	Pilot Ports		Omit if X ports not required		1	X port ISO 4401-08-07 NFPA T3.5.1-D08	<table border="1"> <thead> <tr> <th colspan="2">Cavity</th> </tr> </thead> <tbody> <tr> <td colspan="2">Omit if cavity not required</td> </tr> <tr> <td>C</td> <td>Common cavity: No solenoid clearance C-16-2 (P in nose)</td> </tr> <tr> <td>S</td> <td>Sun Cavity: T-16A (P in nose) See Tech Info for valves.</td> </tr> </tbody> </table>	Cavity		Omit if cavity not required		C	Common cavity: No solenoid clearance C-16-2 (P in nose)	S	Sun Cavity: T-16A (P in nose) See Tech Info for valves.	<table border="1"> <thead> <tr> <th colspan="2">Pressure Isolation</th> </tr> </thead> <tbody> <tr> <td colspan="2">Omit if P isolation not required</td> </tr> <tr> <td>PA...PF</td> <td>Available with spacing code 5</td> </tr> <tr> <td>PA...PD</td> <td>Available with spacing code 7</td> </tr> </tbody> </table>	Pressure Isolation		Omit if P isolation not required		PA...PF	Available with spacing code 5	PA...PD	Available with spacing code 7	<table border="1"> <thead> <tr> <th colspan="2">Tank Isolation</th> </tr> </thead> <tbody> <tr> <td colspan="2">Omit if T isolation not required</td> </tr> <tr> <td>TA...TF</td> <td>Available with spacing code 5</td> </tr> <tr> <td>TA...TD</td> <td>Available with spacing code 7</td> </tr> </tbody> </table>	Tank Isolation		Omit if T isolation not required		TA...TF	Available with spacing code 5	TA...TD	Available with spacing code 7	<table border="1"> <thead> <tr> <th colspan="2">Relief / Isolation Combinations</th> </tr> </thead> <tbody> <tr> <td colspan="2">Specify when using a combination of cavity and isolation options. Cavities do not have solenoid clearance.</td> </tr> <tr> <td>L</td> <td>Relief cavity is located left of the isolation.</td> </tr> <tr> <td>R</td> <td>Relief cavity is located right of the isolation.</td> </tr> <tr> <td>D</td> <td>Two relief cavities, one each side of isolation.</td> </tr> </tbody> </table>	Relief / Isolation Combinations		Specify when using a combination of cavity and isolation options. Cavities do not have solenoid clearance.		L	Relief cavity is located left of the isolation.	R	Relief cavity is located right of the isolation.	D	Two relief cavities, one each side of isolation.
Thread Type																																																				
Omit	Inch threads / ports																																																			
M	Metric threads / ports																																																			
Pilot Ports																																																				
Omit if X ports not required																																																				
1	X port ISO 4401-08-07 NFPA T3.5.1-D08																																																			
Cavity																																																				
Omit if cavity not required																																																				
C	Common cavity: No solenoid clearance C-16-2 (P in nose)																																																			
S	Sun Cavity: T-16A (P in nose) See Tech Info for valves.																																																			
Pressure Isolation																																																				
Omit if P isolation not required																																																				
PA...PF	Available with spacing code 5																																																			
PA...PD	Available with spacing code 7																																																			
Tank Isolation																																																				
Omit if T isolation not required																																																				
TA...TF	Available with spacing code 5																																																			
TA...TD	Available with spacing code 7																																																			
Relief / Isolation Combinations																																																				
Specify when using a combination of cavity and isolation options. Cavities do not have solenoid clearance.																																																				
L	Relief cavity is located left of the isolation.																																																			
R	Relief cavity is located right of the isolation.																																																			
D	Two relief cavities, one each side of isolation.																																																			

D08 Series Circuit Manifold



No. of stations	02	03
"A" length (code 5 spa.) inch [mm]	10.50 [266.7]	15.75 [400.1]
apx. weight alum lb [kg]	37 [17]	51 [23]
apx. weight iron lb [kg]	109 [49]	164 [74]
"A" length (code 7 spa.) inch [mm]	12.25 [311.2]	19.25 [489.0]
apx. weight alum lb [kg]	51 [23]	63 [29]
apx. weight iron lb [kg]	127 [58]	200 [91]

All mounting hardware is supplied.
See page 63 for itemized list.

Port code	Valve mtg.	Manifold mtg.
P, S	0.50-13 UNC x 1.19 [30] DP	0.50-13 UNC x 0.88 [22.3] DP
B, M, T	M12 ISO 6H x 1.19 [30] DP	M12 ISO 6H x 0.88 [22.3] 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

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

Circuit	
S	Series Circuit

Valve Spacing	
5	5.25 inch 133.4 mm
7	7.00 inch 177.8 mm

Options	
No options available.	

Valve Pattern	
D08	ISO 4401-08-07 NFPA T3.5.1-D08 See Tech Information

No. of Stations	
Aluminum	
02...03	Available with spacing code 5
02...03	Available with spacing code 7
Ductile Iron	
02...03	Available with spacing code 5
02...03	Available with spacing code 7

Port Threads	P, A, B					T	X & Y	GA
	P, A, B	T	X & Y	GA				
P	NPTF • ANSI B1.20.3	1.00	1.25	0.38	0.25			
S	SAE • ISO 11926	-16	-20	-6	-6			
B	BSPP • ISO 1179	1.00	1.25	0.38	none			
M	ISO • ISO 6149	M33	M42	M14	none			
T	BSPT • ISO 7	1.00	1.25	0.38	none			

Custom Products
Standard Manifolds
Cover Plates
Valve Adaptors
Subplates
Servo Valve Subplates
Tapping Plates
DIN Cartridge Valve Bodies
Header and Junction Blocks
Technical Information

D10 Manifolds 