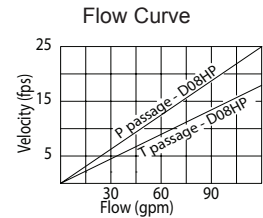
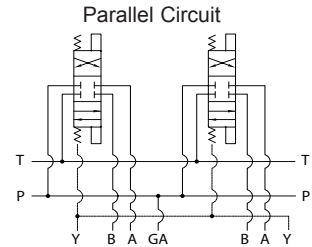
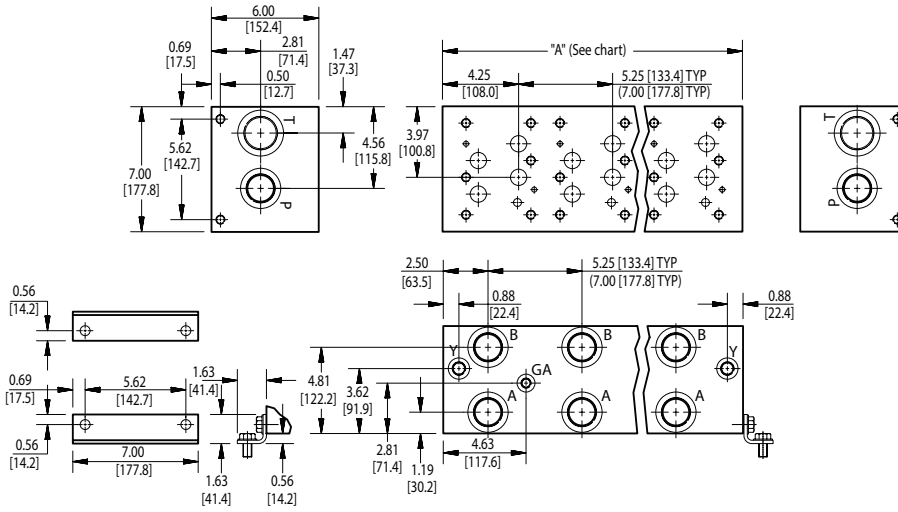


D08 High Flow Parallel Circuit Manifold



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 ferrous 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]	41.25 [1047.8]	--
apx. weight alum lb [kg]	--	55 [25]	85 [39]	114 [52]	143 [65]	173 [78]	--
apx. weight ferrous lb [kg]	--	145 [66]	221 [100]	298 [135]	374 [170]	450 [204]	--

* Gauge port not available on 01 station.

All mounting hardware is supplied.
 See page 65 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

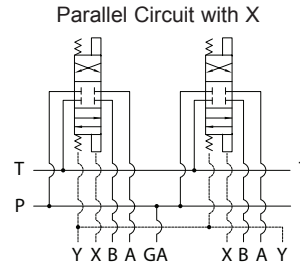
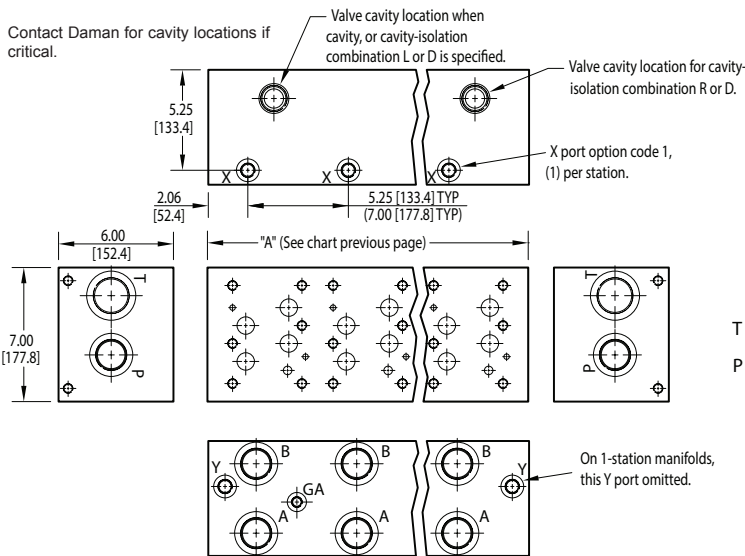
Specifications, descriptions, and dimensional data are subject to correction or change without notice or incurring obligation. Download latest catalog page revisions at www.daman.com.

Ordering Information

For **coating options** see pages 245-246.

Material	Valve Pattern	Circuit	No. of Stations	Valve Spacing	Port Threads	Options																																																																																							
<table border="1"> <thead> <tr> <th colspan="2">Material</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Aluminum - 6061-T6 3000† psi • 20.7 MPa</td> </tr> <tr> <td>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"> <thead> <tr> <th colspan="2">Valve Pattern</th> </tr> </thead> <tbody> <tr> <td>D08</td> <td>ISO 4401-08-07 NFFPA T3.5.1-D08 See Tech Information</td> </tr> </tbody> </table>	Valve Pattern		D08	ISO 4401-08-07 NFFPA T3.5.1-D08 See Tech Information	<table border="1"> <thead> <tr> <th colspan="2">Circuit</th> </tr> </thead> <tbody> <tr> <td>HP</td> <td>Parallel Circuit High Flow</td> </tr> </tbody> </table>	Circuit		HP	Parallel Circuit High Flow	<table border="1"> <thead> <tr> <th colspan="2">No. of Stations</th> </tr> </thead> <tbody> <tr> <td colspan="2">Aluminum</td> </tr> <tr> <td>01...07</td> <td>Available with spacing code 5</td> </tr> <tr> <td>02...06</td> <td>Available with spacing code 7</td> </tr> <tr> <td colspan="2">Ductile Iron</td> </tr> <tr> <td>01...07</td> <td>Available with spacing code 5</td> </tr> <tr> <td>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...06	Available with spacing code 7	Ductile Iron		01...07	Available with spacing code 5	02...05	Available with spacing code 7	<table border="1"> <thead> <tr> <th colspan="2">Valve Spacing</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>5.25 inch 133.4 mm</td> </tr> <tr> <td>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"> <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>P</td> <td>NPTF • ANSI B1.20.3</td> <td>1.25</td> <td>1.50</td> <td>0.38</td> <td>0.25</td> <td>0.25</td> </tr> <tr> <td>S</td> <td>SAE • ISO 11926</td> <td>-20</td> <td>-24</td> <td>-8</td> <td>-4</td> <td>-6</td> </tr> <tr> <td>B</td> <td>BSPP • ISO 1179</td> <td>1.25</td> <td>1.50</td> <td>0.50</td> <td>0.25</td> <td>none</td> </tr> <tr> <td>M</td> <td>ISO • ISO 6149</td> <td>M42</td> <td>M48</td> <td>M16</td> <td>M10</td> <td>none</td> </tr> <tr> <td>T</td> <td>BSPT • ISO 7</td> <td>1.25</td> <td>1.50</td> <td>0.50</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	1.25	1.50	0.38	0.25	0.25	S	SAE • ISO 11926	-20	-24	-8	-4	-6	B	BSPP • ISO 1179	1.25	1.50	0.50	0.25	none	M	ISO • ISO 6149	M42	M48	M16	M10	none	T	BSPT • ISO 7	1.25	1.50	0.50	0.25	none	<table border="1"> <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 NFFPA 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...06	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	1.25	1.50	0.38	0.25	0.25																																																																																							
S	SAE • ISO 11926	-20	-24	-8	-4	-6																																																																																							
B	BSPP • ISO 1179	1.25	1.50	0.50	0.25	none																																																																																							
M	ISO • ISO 6149	M42	M48	M16	M10	none																																																																																							
T	BSPT • ISO 7	1.25	1.50	0.50	0.25	none																																																																																							
Options																																																																																													
See next page for available options and ordering codes.																																																																																													

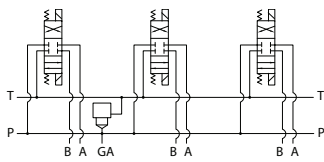
Options - D08 High Flow Parallel Manifold



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	02-06
B	02 & 03	03-06
C	03 & 04	04-06
D	04 & 05	05-06
E	05 & 06	06

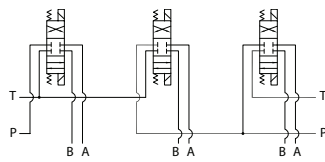
* Stations are numbered left to right.

Parallel Circuit with Cavity



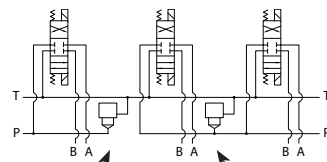
Valves with P in the nose and T out the side must be used.

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

