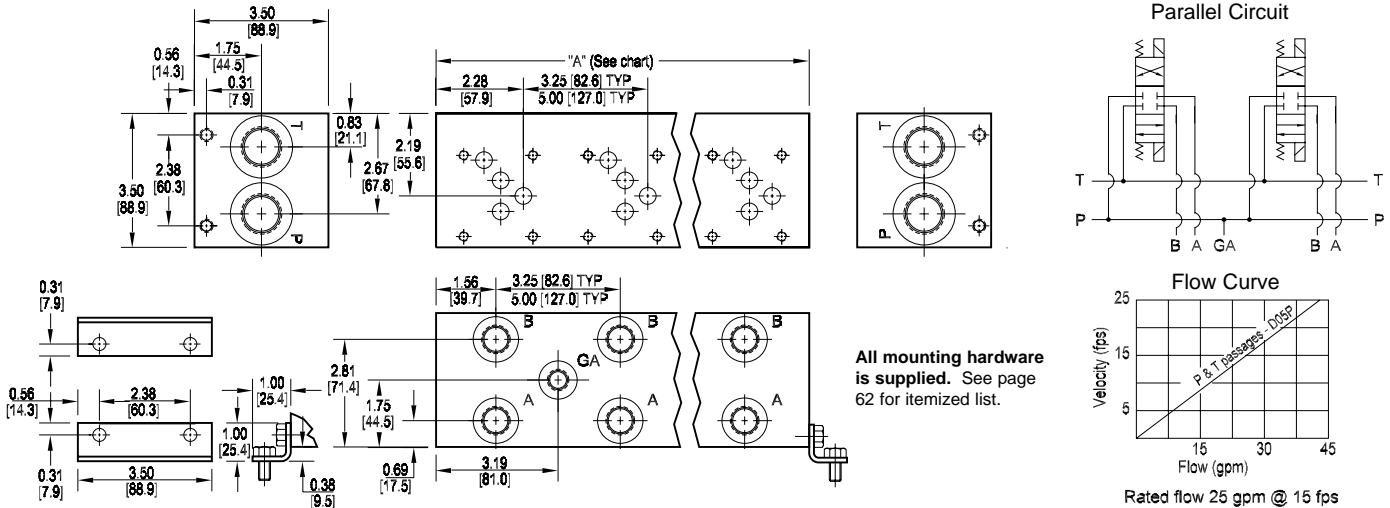


D05 Standard Flow Parallel Manifold



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

No. of stations	* 01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
"A" length (code 3 spa.) inch [mm]	3.25 [82.6]	6.50 [165.1]	9.75 [247.7]	13.00 [330.2]	16.25 [412.8]	19.50 [495.3]	22.75 [577.9]	26.00 [660.4]	29.25 [743.0]	32.50 [825.5]	35.75 [908.1]	39.00 [990.6]	42.25 [1073.2]	45.50 [1155.7]	48.75 [1238.3]	52.00 [1320.8]	55.25 [1403.4]	58.50 [1485.9]	61.75 [1568.5]	65.00 [1651.0]	68.25 [1733.6]
apx. weight alum lb [kg]	4 [2]	8 [4]	11 [5]	14 [7]	17 [8]	21 [10]	24 [11]	27 [12]	30 [14]	34 [15]	37 [17]	41 [19]	44 [20]	47 [21]	51 [23]	55 [25]	58 [26]	61 [28]	64 [29]	67 [30]	71 [32]
apx. weight iron lb [kg]	9 [4]	17 [8]	26 [12]	34 [15]	43 [20]	51 [23]	60 [27]	68 [31]	77 [35]	85 [39]	94 [43]	102 [46]	--	--	--	--	--	--	--	--	--
"A" length (code 5 spa.) inch [mm]	--	8.25 [209.6]	13.25 [336.6]	18.25 [463.6]	23.25 [590.6]	28.25 [717.6]	33.25 [844.6]	38.25 [971.6]	43.25 [1098.6]	48.25 [1225.6]	53.25 [1352.6]	58.25 [1479.6]	63.25 [1606.6]	68.25 [1733.6]							
apx. weight alum lb [kg]	--	9 [4]	15 [7]	20 [9]	25 [11]	30 [14]	35 [16]	41 [19]	46 [21]	50 [23]	55 [25]	60 [27]	65 [29]	71 [32]							
apx. weight iron lb [kg]	--	22 [10]	36 [16]	49 [22]	62 [28]	76 [34]	89 [40]	102 [46]	116 [53]	--	--	--	--	--							

Port code	Valve mtg.	Manifold mtg.
P, S	0.25-20 UNC x 0.75 [19] DP	0.31-18 UNC x 0.44 [11.1] DP
B, M, T	M6 ISO 6H x 0.75 [19] DP	M8 ISO 6H x 0.44 [11.1] DP

* Length of 01 station with relief cavity is 4.50 [114.3]. Gauge port not available on 01 station.

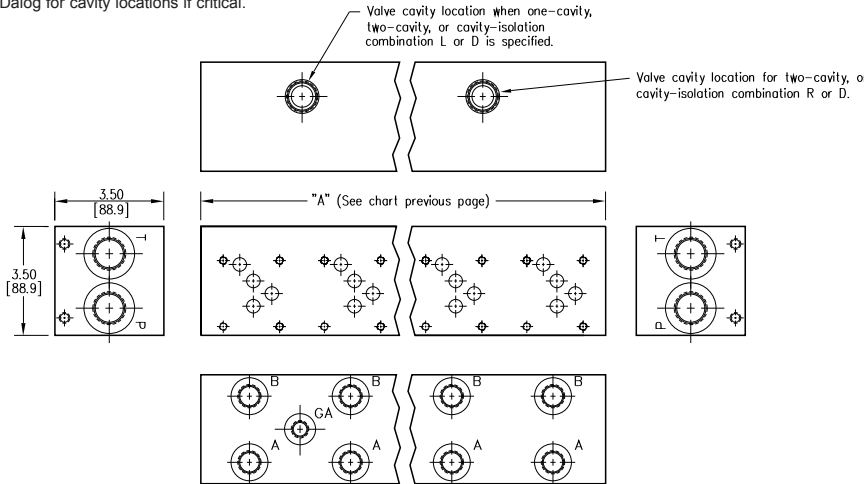
Specifications, descriptions, and dimensional data are subject to correction or change without notice or incurring obligation. Download latest catalog page revisions at www.damanifolds.com.

Ordering Information

Material	Valve Pattern	Circuit	No. of Stations	Valve Spacing	Port Threads	Options																																														
<table border="1"> <thead> <tr><th>Material</th></tr> </thead> <tbody> <tr> <td>A Aluminum - 6061-T6 3000† psi • 20.7 MPa</td> </tr> <tr> <td>D 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>Valve Pattern</th></tr> </thead> <tbody> <tr> <td>D05 ISO 4401-05-04 NFPA T3.5.1-D05 See Tech Information</td> </tr> </tbody> </table>	Valve Pattern	D05 ISO 4401-05-04 NFPA T3.5.1-D05 See Tech Information	<table border="1"> <thead> <tr><th>Circuit</th></tr> </thead> <tbody> <tr> <td>P Parallel Circuit Standard Flow</td> </tr> </tbody> </table>	Circuit	P Parallel Circuit Standard Flow	<table border="1"> <thead> <tr><th>No. of Stations</th></tr> </thead> <tbody> <tr> <td colspan="2">Aluminum</td> </tr> <tr> <td>01...21</td> <td>Available with spacing code 3</td> </tr> <tr> <td>02...14</td> <td>Available with spacing code 5</td> </tr> <tr> <td colspan="2">Ductile Iron</td> </tr> <tr> <td>01...12</td> <td>Available with spacing code 3</td> </tr> <tr> <td>02...09</td> <td>Available with spacing code 5</td> </tr> </tbody> </table>	No. of Stations	Aluminum		01...21	Available with spacing code 3	02...14	Available with spacing code 5	Ductile Iron		01...12	Available with spacing code 3	02...09	Available with spacing code 5	<table border="1"> <thead> <tr><th>Valve Spacing</th></tr> </thead> <tbody> <tr> <td>3 3.25 inch 82.6 mm</td> </tr> <tr> <td>5 5.00 inch 127.0 mm</td> </tr> </tbody> </table>	Valve Spacing	3 3.25 inch 82.6 mm	5 5.00 inch 127.0 mm	<table border="1"> <thead> <tr><th>Port Threads</th></tr> </thead> <tbody> <tr> <td>P NPTF • ANSI B1.20.3</td> <td>P & T 0.75</td> <td>A & B 0.50</td> <td>GA 0.25</td> </tr> <tr> <td>S SAE • ISO 11926</td> <td>-12</td> <td>-8</td> <td>-6</td> </tr> <tr> <td>B BSPP • ISO 1179</td> <td>0.75</td> <td>0.50</td> <td>none</td> </tr> <tr> <td>M ISO • ISO 6149</td> <td>M27</td> <td>M18</td> <td>none</td> </tr> <tr> <td>T BSPT • ISO 7</td> <td>0.75</td> <td>0.50</td> <td>none</td> </tr> </tbody> </table>	Port Threads	P NPTF • ANSI B1.20.3	P & T 0.75	A & B 0.50	GA 0.25	S SAE • ISO 11926	-12	-8	-6	B BSPP • ISO 1179	0.75	0.50	none	M ISO • ISO 6149	M27	M18	none	T BSPT • ISO 7	0.75	0.50	none	<table border="1"> <thead> <tr><th>Options</th></tr> </thead> <tbody> <tr> <td>See next page for available options and ordering codes.</td> </tr> </tbody> </table>	Options	See next page for available options and ordering codes.
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Options - D05 Standard Flow Parallel Manifold

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

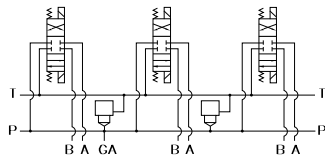


ISOLATIONS

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.

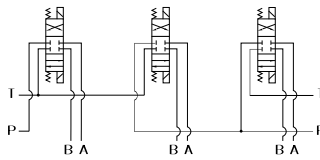
Ordering code letter:	* Isolation is between stations:	Available # of stations:
3.25 [82.6] spacing		
A	01 & 02	02-10
B	02 & 03	03-11
C	03 & 04	04-12
D	04 & 05	05-13
E	05 & 06	06-14
F	06 & 07	07-15
G	07 & 08	08-16
H	08 & 09	09-17
J	09 & 10	10-18
5.00 [127.0] spacing		
A	01 & 02	02-07
B	02 & 03	03-08
C	03 & 04	04-09
D	04 & 05	05-10
E	05 & 06	06-11
F	06 & 07	07-12

Parallel Circuit with one or two Cavities



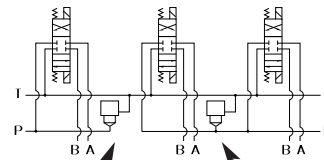
Valves with P in the nose and T out the side must be used.

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

* Stations are numbered left to right.

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.
- 3) Some cavity and isolation combinations are not possible with spacing code 3. Consult factory to determine availability.

Ordering Information

