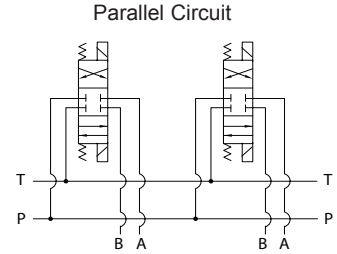
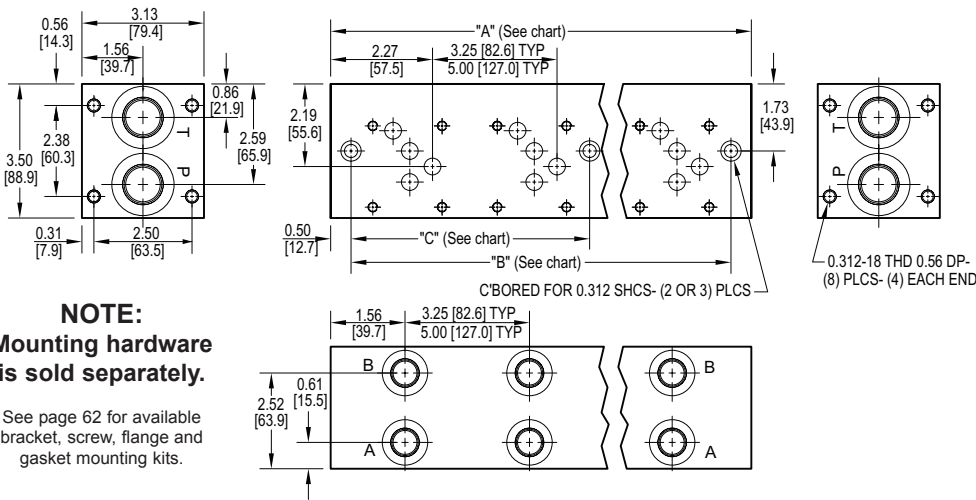
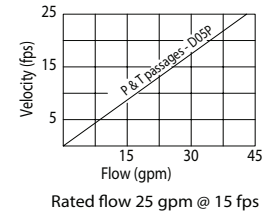


# D05 FlexMount Parallel Circuit Manifold



Flow Curve



Code 3 (3.25") valve spacing							
No. of stations	* 01	02	03	04	05	06	07
"A" length 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]
"B" dimension inch [mm]	2.25 [57.2]	5.50 [139.7]	8.75 [222.3]	12.00 [304.8]	15.25 [387.4]	18.50 [469.9]	21.75 [552.5]
"C" dimension inch [mm]	--	--	--	--	6.00 [152.4]	9.25 [235.0]	12.50 [317.5]
apx. weight alum lb [kg]	4 [2]	7.5 [3]	11 [5]	14.5 [7]	18 [8]	21.5 [10]	25 [12]
apx. weight ferrous lb [kg]	9.5 [4.5]	19 [8.5]	28 [13]	37 [17]	46.5 [21]	56 [25.5]	

Code 5 (5.00") valve spacing				
No. of stations	02	03	04	05
"A" length inch [mm]	8.25 [209.6]	13.25 [336.6]	18.25 [463.6]	23.25 [590.6]
"B" dimension inch [mm]	7.25 [184.2]	12.25 [311.2]	17.25 [438.2]	22.25 [565.2]
"C" dimension inch [mm]	--	--	8.63 [219.1]	13.63 [346.1]
apx. weight alum lb [kg]	9 [4]	15 [7]	20 [9]	25 [12]
apx. weight ferrous lb [kg]	24 [11]	38 [17]	52 [24]	

\* "A" length of 01 station with relief cavity is 4.50 [114.3]. "B" dimension is 3.50 [88.9].

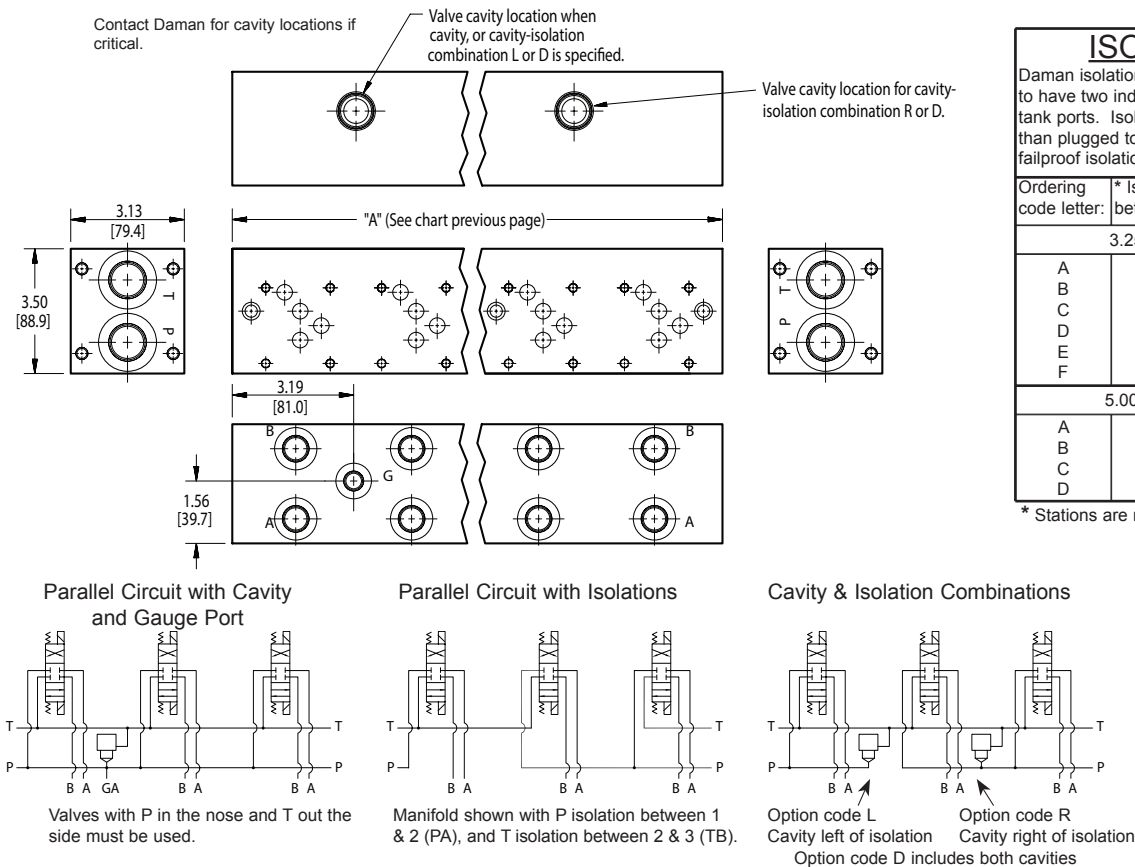
Specifications, descriptions, and dimensional data are subject to correction or change without notice or incurring obligation. Download latest catalog page revisions at [www.daman.com](http://www.daman.com).

## Ordering Information

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

Product Line		Material	Valve Pattern	Circuit	No. of Stations	Valve Spacing	Port Threads	/	Options
Product Line		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 D05 ISO 4401-05-04 NFPA T3.5.1-D05 See Tech Information	Circuit P Parallel Circuit Standard Flow	No. of Stations Aluminum 01...07 Available with spacing code 3 02...05 Available with spacing code 5 Ductile Iron 01...06 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 NPTF • ANSI B1.20.3 0.75 0.50 S SAE • ISO 11926 -12 -8	/	Options See next page for available options and ordering codes.
L	FlexMount								

# Options - D05 FlexMount 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:
3.25 [82.6] 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
5.00 [127.0] 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.

## 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 specified.
- 3) Some cavity and isolation combinations are not possible. Consult factory to determine availability.

# Ordering Information

...	Gauge Port	Cavity	Pressure Isolation	Tank Isolation	Cavity & Isolation Combinations
	<b>Gauge Port</b> Omit if gauge port not required. <b>G</b> Gauge Port for system pressure If Port Thread code is: P, then Gauge port = 0.25 NPTF S, then Gauge port = -4 SAE	<b>Cavity</b> Omit if cavity not required. <b>C</b> Common cavity: With solenoid clearance C-10-2 (P in nose) For valves w/1" hex max. <b>S</b> Sun Cavity: T-3A (P in nose) See Tech Info for valves.	<b>Pressure Isolation</b> Omit if P isolation not required. Not available with G option. <b>PA...PF</b> Available with spacing code 3 <b>PA...PD</b> Available with spacing code 5	<b>Tank Isolation</b> Omit if T isolation not required. <b>TA...TF</b> Available with spacing code 3 <b>TA...TD</b> Available with spacing code 5	<b>Cavity &amp; Isolation Combinations</b> Specify when using a combination of cavity and isolation options. Cavities do have solenoid clearance. <b>L</b> Relief cavity is located left of the isolation. <b>R</b> Relief cavity is located right of the isolation. <b>D</b> Two relief cavities, one each side of isolation.