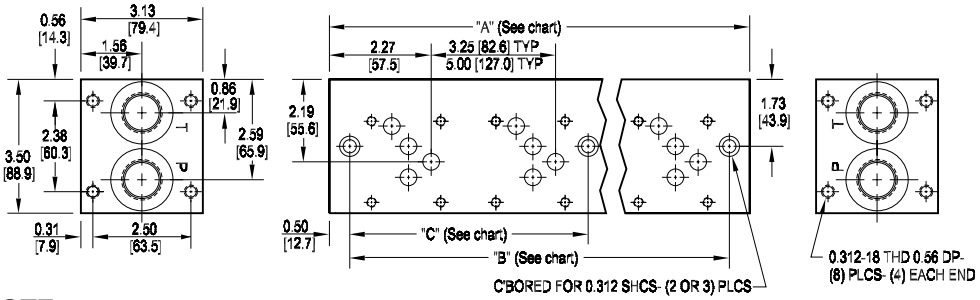
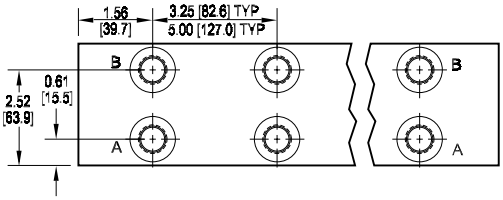
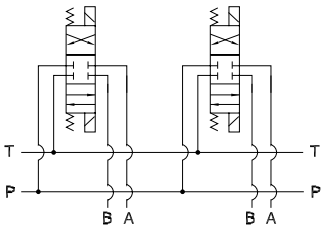
D05 LC Parallel Circuit Manifold



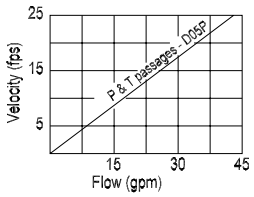


! NOTE:
Mounting hardware is ordered separately.
See page 60 for available bracket or screw mounting kits at no extra charge. Flange and gasket kits are also available for a nominal charge.

Parallel Circuit



Flow Curve



Rated flow 25 gpm @ 15 fps

Code 3 (3.25") valve spacing							Code 5 (5.00") valve spacing			
No. of stations	* 01	02	03	04	05	06	No. of stations	02	03	04
"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]	"A" length inch [mm]	8.25 [209.6]	13.25 [336.6]	18.25 [463.6]
"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]	"B" dimension inch [mm]	7.25 [184.2]	12.25 [311.2]	17.25 [438.2]
"C" dimension inch [mm]	--	--	--	--	6.00 [152.4]	9.25 [235.0]	"C" dimension inch [mm]	--	--	8.63 [219.1]
apx. weight alum lb [kg]	4 [2]	7.5 [3]	11 [5]	14.5 [7]	18 [8]	21.5 [10]	apx. weight alum lb [kg]	9 [4]	15 [7]	20 [9]
apx. weight iron lb [kg]	9.5 [4.5]	19 [8.5]	28 [13]	37 [17]	46.5 [21]	56 [25.5]	apx. weight iron 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.damanifolds.com.

Ordering Information

Product Line	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

P	Parallel Circuit Standard Flow

Valve Spacing

3	3.25 inch [82.6 mm]
5	5.00 inch [127.0 mm]

Options

See next page for available options and ordering codes.

Product Line

L	Low Cost

Valve Pattern

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

No. of Stations

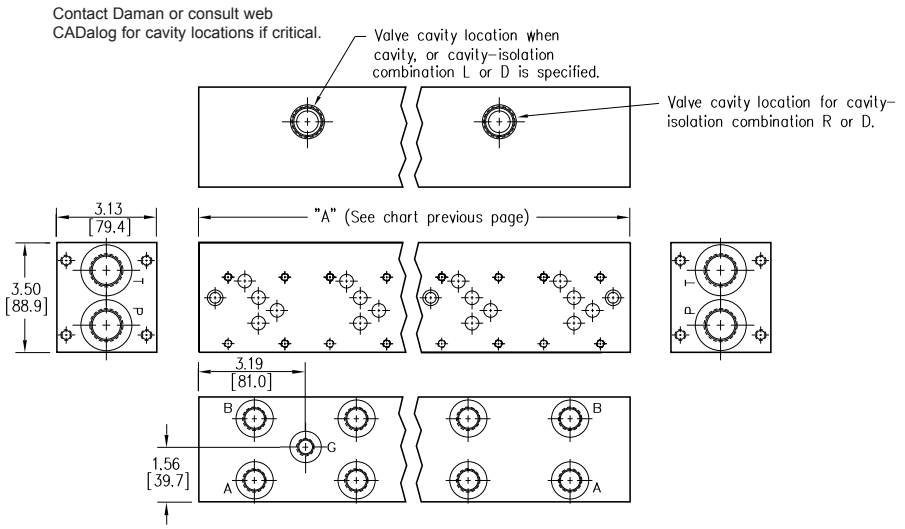
Aluminum	
01...06	Available with spacing code 3
02...04	Available with spacing code 5
Ductile Iron	
01...06	Available with spacing code 3
02...04	Available with spacing code 5

Port Threads

		P & T	A & B
P	NPTF • ANSI B1.20.3	0.75	0.50
S	SAE • ISO 11926	-12	-8

Daman Products Company, Inc.
1811 North Home Street • Mishawaka, IN 46545-7267 USA • North America: 800.959.7841 • Fax: 800.241.7664
International: 574.259.7841 • Fax: 574.259.7665 • Email: sales@damanifolds.com • Web: www.damanifolds.com

Options - D05 LC Parallel Manifold



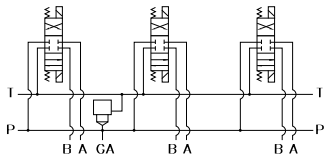
ISOLATIONS

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	02-06
B	02 & 03	03-06
C	03 & 04	04-06
D	04 & 05	05-06
E	05 & 06	06
5.00 [127.0] spacing		
A	01 & 02	02-04
B	02 & 03	03-04
C	03 & 04	04

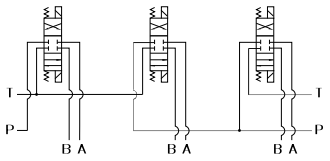
* Stations are numbered left to right.

Parallel Circuit with Cavity and Gauge Port



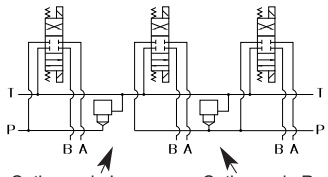
Valves with P in the nose and T out the side must be used.

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 specified.

3) Some cavity and isolation combinations are not possible. Consult factory to determine availablity.

Ordering Information

. . . /	Gauge Port	Cavity	Pressure Isolation	Tank Isolation	Cavity & Isolation Combinations

Gauge Port

Omit if gauge port not required.

G	Gauge Port for system pressure

If Port Thread code is:
P, then Gauge port = 0.25 NPTF
S, then Gauge port = -4 SAE

Cavity

Omit if cavity not required.

C	Common cavity: With solenoid clearance C-10-2 (P in nose)
S	Sun Cavity: T-3A (P in nose) See Tech Info for valves.

Pressure Isolation

Omit if P isolation not required. Not available with G option.

PA...PE	Available with spacing code 3
PA...PC	Available with spacing code 5

Tank Isolation

Omit if T isolation not required.

TA...TE	Available with spacing code 3
TA...TC	Available with spacing code 5

Cavity & Isolation Combinations

Specify when using a combination of cavity and isolation options. Cavities do 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.