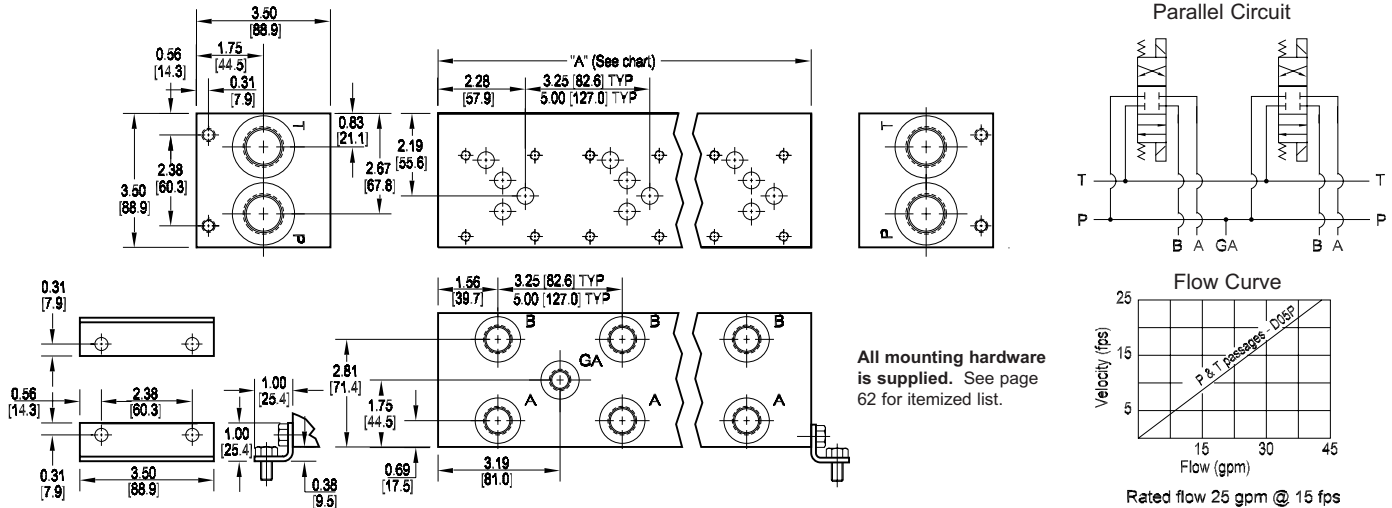


# D05 Standard Flow Parallel Manifold



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](http://www.damanifolds.com).

## Ordering Information

Material	Valve Pattern	Circuit	No. of Stations	Valve Spacing	Port Threads	Options
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Material	
<b>A</b>	Aluminum - 6061-T6 3000† psi • 20.7 MPa
<b>D</b>	Ductile Iron - D4512 5000† psi • 34.5 MPa

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

Circuit	
<b>P</b>	Parallel Circuit Standard Flow

Valve Spacing	
<b>3</b>	3.25 inch 82.6 mm
<b>5</b>	5.00 inch 127.0 mm

Options	
See next page for available options and ordering codes.	

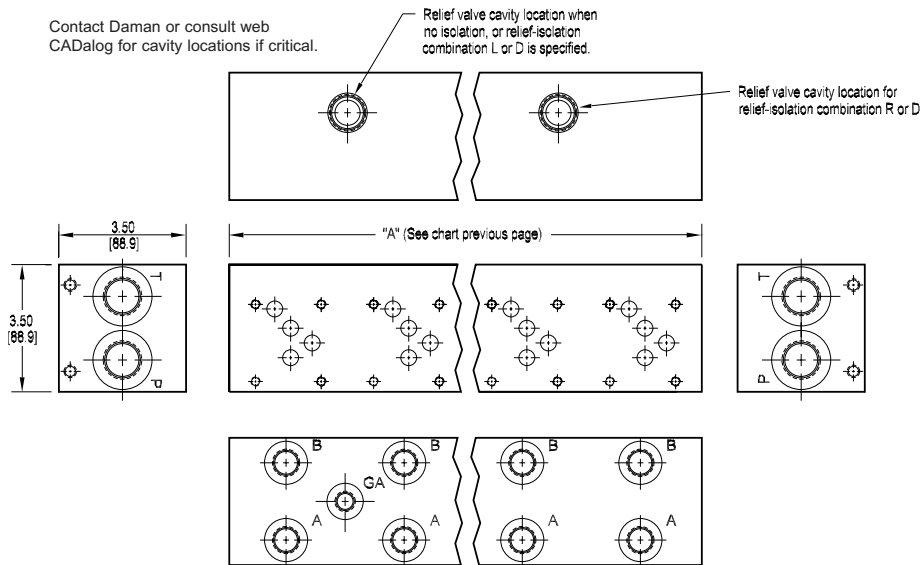
  

Valve Pattern	
<b>D05</b>	ISO 4401-05-04 NFPA T3.5.1-D05 See Tech Information

No. of Stations	
Aluminum	
<b>01...21</b>	Available with spacing code 3
<b>02...14</b>	Available with spacing code 5
Ductile Iron	
<b>01...12</b>	Available with spacing code 3
<b>02...09</b>	Available with spacing code 5

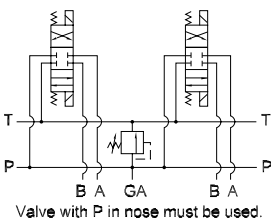
Port Threads	P & T	A & B	GA	
<b>P</b>	NPTF • ANSI B1.20.3	0.75	0.50	0.25
<b>S</b>	SAE • ISO 11926	-12	-8	-6
<b>B</b>	BSPP • ISO 1179	0.75	0.50	none
<b>M</b>	ISO • ISO 6149	M27	M18	none
<b>T</b>	BSPT • ISO 7	0.75	0.50	none

# Options - D05 Standard Flow Parallel Manifold

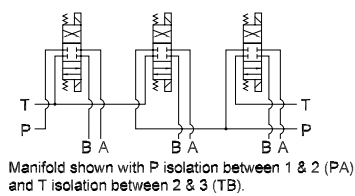


ISOLATIONS		
Daman isolation options allow a manifold to have two independent pressure and/or tank ports. Isolations are drilled rather than plugged to ensure a leakproof and failproof isolation.		
Ordering code letter:	* Isolation is between stations:	Available # of stations:
3.25 [82.6] spacing		
A	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

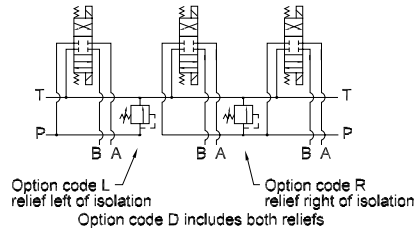
Parallel Circuit with Relief



Parallel Circuit with Isolations



Relief / Isolation Combination



\* 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 combinations of relief cavities and isolations are not possible. Consult factory to determine availability.

## Ordering Information

