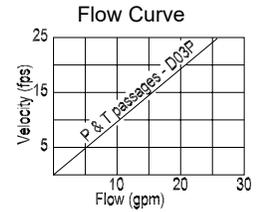
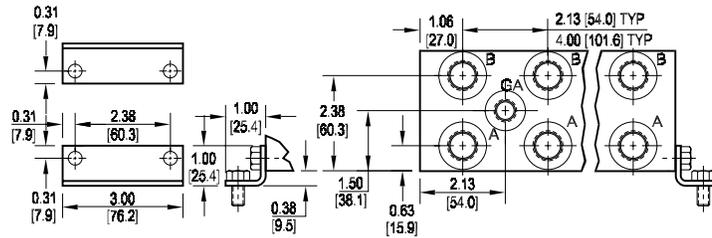
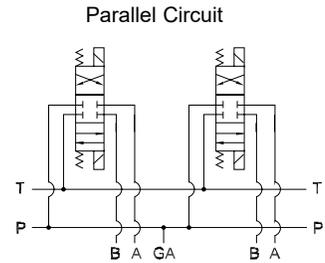
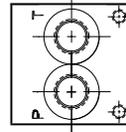
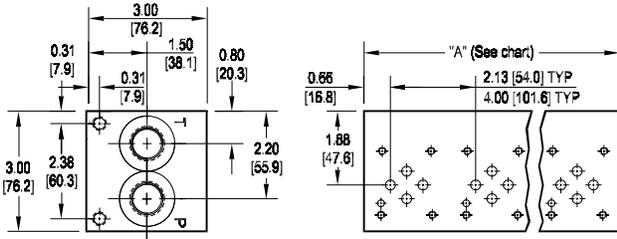


D03 Standard Flow Parallel Circuit Manifold



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

Rated flow 14 gpm @ 15 fps

No. of stations	* 01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
"A" length (code 2 spa.) inch [mm]	2.13 [54.0]	4.25 [108.0]	6.38 [162.1]	8.50 [215.9]	10.63 [270.0]	12.75 [323.9]	14.88 [378.0]	17.00 [431.8]	19.13 [485.9]	21.25 [539.8]	23.38 [593.9]	25.50 [647.7]	27.63 [701.8]	29.75 [755.7]	31.88 [809.8]	34.00 [853.6]
apx. weight alum lb [kg]	3 [1]	4 [2]	6 [3]	8 [4]	9 [4]	11 [5]	12 [5]	14 [6]	16 [7]	18 [8]	20 [9]	21 [10]	22 [10]	24 [11]	26 [12]	27 [12]
apx. weight iron lb [kg]	5 [2]	9 [4]	13 [6]	17 [8]	21 [10]	26 [12]	30 [14]	34 [15]	38 [17]	42 [19]	47 [21]	51 [23]	55 [25]	59 [27]	63 [29]	68 [31]
"A" length (code 4 spa.) inch [mm]	--	6.13 [155.7]	10.13 [257.3]	14.13 [358.9]	18.13 [460.5]	22.13 [562.1]	26.13 [663.7]	30.13 [765.3]								
apx. weight alum lb [kg]	--	6 [3]	9 [4]	12 [5]	15 [7]	19 [9]	22 [10]	25 [11]								
apx. weight iron lb [kg]	--	12 [5]	20 [9]	28 [13]	36 [16]	45 [20]	53 [24]	57 [26]								

Port code	Valve mtg.	Manifold mtg.
P, S	#10-24 UNC x 0.63 [16] DP	0.31-18 UNC x 0.44 [11.1] DP
B, M, T	M5 ISO 6H x 0.63 [16] DP	M8 ISO 6H x 0.44 [11.1] DP

* Length of 01 station with relief cavity is 3.00 [76.2]. 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.Fluidynefp.com.

Ordering Information

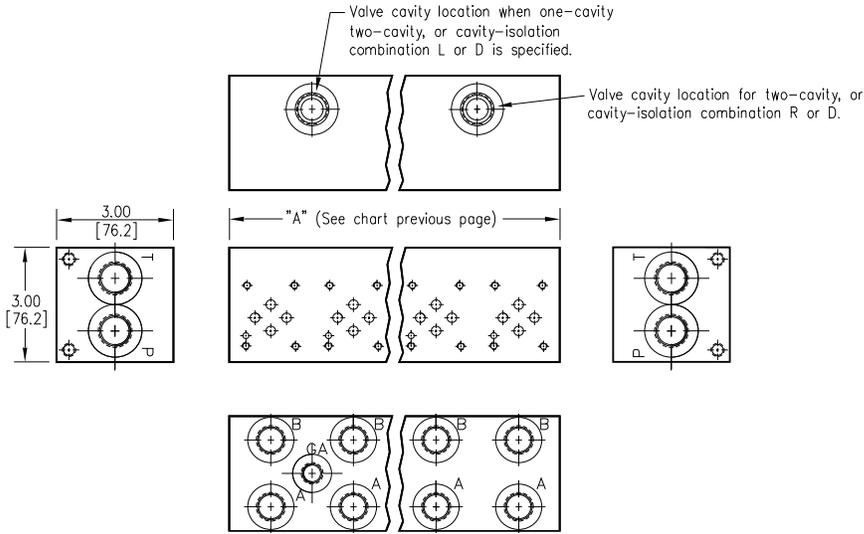
Material	Valve Pattern	Circuit	No. of Stations	Valve Spacing	Port Threads	Options
----------	---------------	---------	-----------------	---------------	--------------	---------

Material	Circuit	Valve Spacing	Options																														
<table border="1" style="width: 100%;"> <tr> <th>Material</th> <th>Code</th> <th>Description</th> </tr> <tr> <td>A</td> <td>Aluminum - 6061-T6</td> <td>3000† psi / 20.7 MPa</td> </tr> <tr> <td>D</td> <td>Ductile Iron - D4512</td> <td>5000† psi / 34.5 MPa</td> </tr> </table> <p>† Working pressure should be considered in accordance with ISO 4413 to determine appropriate material type.</p>	Material	Code	Description	A	Aluminum - 6061-T6	3000† psi / 20.7 MPa	D	Ductile Iron - D4512	5000† psi / 34.5 MPa	<table border="1" style="width: 100%;"> <tr> <th>Circuit</th> <th>Code</th> <th>Description</th> </tr> <tr> <td>P</td> <td>Parallel Circuit</td> <td>Standard Flow</td> </tr> </table>	Circuit	Code	Description	P	Parallel Circuit	Standard Flow	<table border="1" style="width: 100%;"> <tr> <th>Valve Spacing</th> <th>Code</th> <th>Description</th> </tr> <tr> <td>2</td> <td>2.13 inch</td> <td>54.0 mm</td> </tr> <tr> <td>4</td> <td>4.00 inch</td> <td>101.6 mm</td> </tr> </table>	Valve Spacing	Code	Description	2	2.13 inch	54.0 mm	4	4.00 inch	101.6 mm	<table border="1" style="width: 100%;"> <tr> <th>Options</th> <th>Code</th> <th>Description</th> </tr> <tr> <td colspan="3">See next page for available options and ordering codes.</td> </tr> </table>	Options	Code	Description	See next page for available options and ordering codes.		
Material	Code	Description																															
A	Aluminum - 6061-T6	3000† psi / 20.7 MPa																															
D	Ductile Iron - D4512	5000† psi / 34.5 MPa																															
Circuit	Code	Description																															
P	Parallel Circuit	Standard Flow																															
Valve Spacing	Code	Description																															
2	2.13 inch	54.0 mm																															
4	4.00 inch	101.6 mm																															
Options	Code	Description																															
See next page for available options and ordering codes.																																	

No. of Stations			
Aluminum			
01...16	Available with spacing code 2		
02...08	Available with spacing code 4		
Ductile Iron			
01...16	Available with spacing code 2		
02...08	Available with spacing code 4		

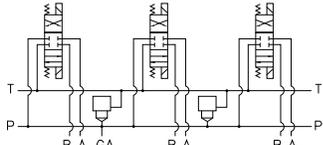
Port Threads				
Port	P & T	A & B	GA	
P	NPTF • ANSI B1.20.3	0.50	0.38	0.25
S	SAE • ISO 11926	-10	-8	-6
B	BSPP • ISO 1179	0.50	0.38	none
M	ISO • ISO 6149	M22	M18	none
T	BSPT • ISO 7	0.50	0.38	none

Options - D03 Standard Flow Parallel Manifold



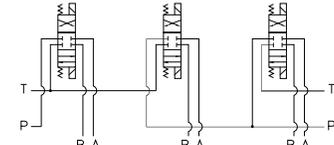
ISOLATIONS		
isolation options allow a manifold to have two independent pressure and/or tank ports. Isolations are drilled rather than plugged to ensure a leakproof and failproof isolation.		
Ordering code letter:	* Isolation is between stations:	Available # of stations:
2.125 [54.0] spacing		
A	01 & 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	09-16
J	09 & 10	10-16
4.00 [101.6] spacing		
A	01 & 02	02-08
B	02 & 03	03-08
C	03 & 04	04-08
D	04 & 05	05-08
E	05 & 06	06-08
F	06 & 07	07-08
G	07 & 08	08

Parallel Circuit with one or two Cavities



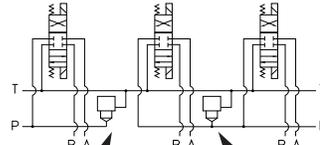
Valves with P in the nose and T out the side must be used.

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 2. Consult factory to determine availability.

Ordering Information



Cavity	
Omit if cavities not required	
C	One Common cavity: No solenoid clearance. C-10-2 (P in nose)
CC	Two Common cavities: With solenoid clearance C-10-2 (P in nose) Available 03-16 stations with spacing code 2; Available 02-08 stations with spacing code 4. Not available in combination with isolation options.
S	One Sun Cavity: T-10A (P in nose) See Tech Info for valves.

Pressure Isolation	
Omit if P isolation not required	
PA...PJ	Available with spacing code 2
PA...PG	Available with spacing code 4

Tank Isolation	
Omit if T isolation not required	
TA...TJ	Available with spacing code 2
TA...TG	Available with spacing code 4

Cavity & Isolation Combinations	
Specify when using a combination of cavity and isolation options. Cavities do not have solenoid clearance.	
L	Cavity is located left of the isolation.
R	Cavity is located right of the isolation.
D	Two cavities, one each side of isolation. (Use with cavity option codes C or S only.)