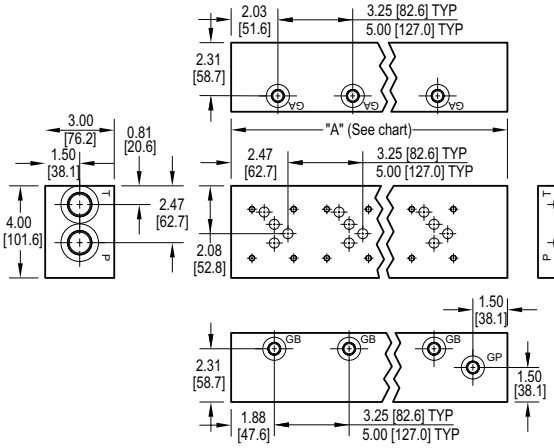
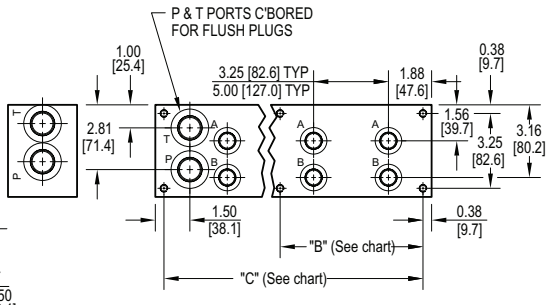
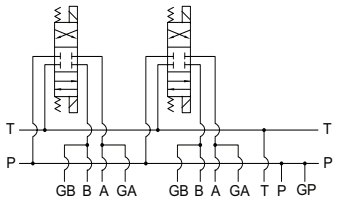
D05 Standard Flow Bottom Ported Manifold



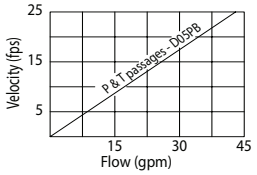
Mounting hardware is NOT supplied.



Parallel Circuit



Flow Curve



Rated flow 25 gpm @ 15 fps

Port code	Valve mtg.	Manifold mtg.
P, S	0.25-20 UNC x 0.56 [14.3] DP	0.38-16 UNC x 0.69 [17.5] DP
B, M, T	M6 ISO 6H x 0.56 [14.3] DP	M10 ISO 6H x 0.69 [17.5] DP

No. of stations	01	02	03	04	05	06	07	08	09	10
"A" length - inch [mm] Code 3 spacing	5.00 [127.0]	8.25 [209.6]	11.50 [292.1]	14.75 [374.7]	18.00 [457.2]	21.25 [539.8]	24.50 [622.3]	27.75 [704.9]	31.00 [787.4]	34.25 [870.0]
"B" dim - inch [mm] Code 3 spacing	--	--	--	--	--	9.63 [244.5]	9.63 [244.5]	12.88 [327.0]	12.88 [327.0]	16.13 [409.6]
"C" dim - inch [mm] Code 3 spacing	4.25 [108.0]	7.50 [190.5]	10.75 [273.1]	14.00 [355.6]	17.25 [438.2]	20.50 [520.7]	23.75 [603.3]	27.00 [685.8]	30.25 [768.4]	33.50 [850.9]
apx. weight alum lb [kg]	6 [3]	10 [4]	14 [6]	18 [8]	22 [10]	26 [12]	29 [13]	33 [15]	37 [17]	41 [19]
apx. weight ferrous lb [kg]	16 [7]	26 [12]	36 [16]	46 [21]	56 [25]	66 [30]	76 [35]	87 [39]	97 [44]	107 [48]

No. of stations	02	03	04	05	06	07	08	09	10
"A" length - inch [mm] Code 5 spacing	10.00 [254.0]	15.00 [381.0]	20.00 [508.0]	25.00 [635.0]	30.00 [762.0]	35.00 [889.0]	40.00 [1016.0]	45.00 [1143.0]	50.00 [1270.0]
"B" dim - inch [mm] Code 5 spacing	--	--	9.00 [228.6]	14.00 [355.6]	14.00 [355.6]	14.00 [355.6]	19.00 [482.6]	19.00 [482.6]	24.00 [609.6]
"C" dim - inch [mm] Code 5 spacing	9.25 [235.0]	14.25 [362.0]	19.25 [489.0]	24.25 [616.0]	29.25 [743.0]	34.25 [870.0]	39.25 [997.0]	44.25 [1124.0]	49.25 [1251.0]
apx. weight alum lb [kg]	12 [5]	18 [8]	24 [11]	30 [14]	36 [16]	42 [19]	48 [22]	54 [24]	60 [27]
apx. weight ferrous lb [kg]	31 [14]	47 [21]	62 [28]	78 [35]	94 [42]	109 [49]	125 [57]	140 [64]	156 [71]

Specifications, descriptions, and dimensional data are subject to correction or change without notice or incurring obligation.
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Ordering Information

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

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

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

PB	Parallel Circuit Standard Flow Bottom Ported

Valve Spacing

3	3.25 inch 82.6 mm
5	5.00 inch 127.0 mm

Valve Pattern

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

No. of Stations

Aluminum	
01...10	Available with spacing code 3
02...10	Available with spacing code 5
Ductile Iron	
01...10	Available with spacing code 3
02...10	Available with spacing code 5

Port Threads

		P & T	A & B	G*
P	NPTF • ANSI B1.20.3	0.75	0.50	0.25
S	SAE • ISO 11926	-12	-8	-4
B	BSPP • ISO 1179	0.75	0.50	0.25
M	ISO • ISO 6149	M27	M18	M10
T	BSPT • ISO 7	0.75	0.50	0.25

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