Bar Manifold
D05 (Size 10) Parallel Circuit Normal Flow

BM10PN – XX / [ ] 3 – [ ] / [ ] / [ ]

Revision = XX

Number of Station = 01–12

Material
Aluminum 6061–T6, 3000 psi = A
Carbon Steel[1] 45#, 5800 psi = S

Valve Spacing 3.25" = 3

Ports
SAE Threaded Ports = 12
NPT Threaded Ports = 05
BSPP Threaded Ports = 01

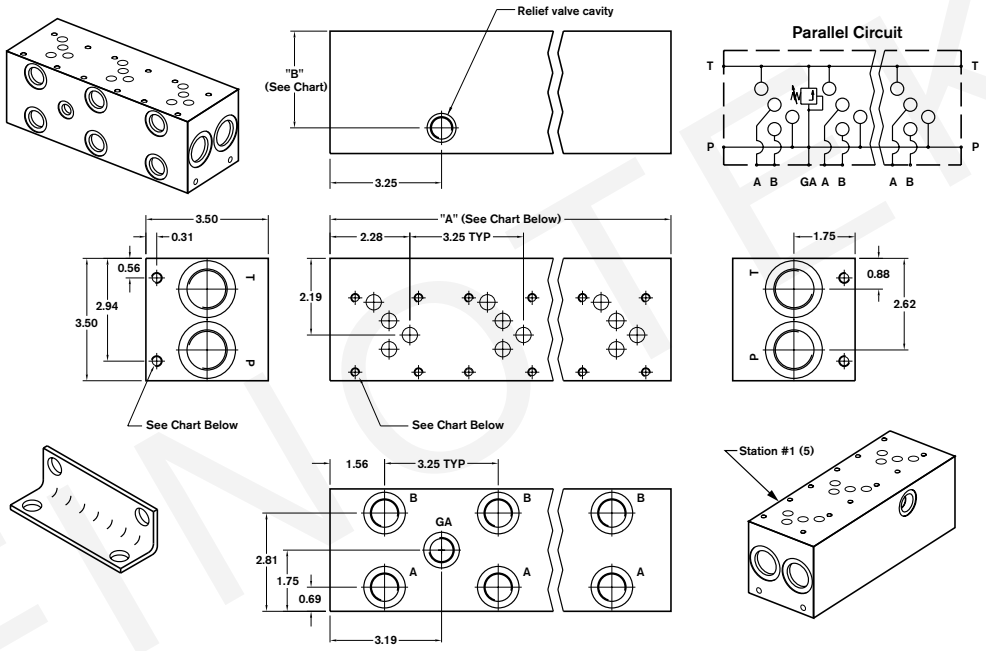
Isolations between stations [5]

Omit = No options
T = Tank Isolation [4]

Isolations between stations [5]

Omit = No options
P = Pressure Isolation [4]

Omit = No options
RCI = Relief Cavity Industry Common 10-2
RCS = Relief Cavity Sun T-3A (P in nose)



	P & T Ports	A & B Ports	GA Port	Manifold (Mtg.)	Valve (Mtg.)
…12	1-1/16-12 SAE-12	3/4-16 SAE-8	9/16-18 SAE-6	5/16-18 x 0.60 DP.	1/4-20 x 0.60 DP.
…05	3/4" NPT	1/2" NPT	1/4" NPT	5/16-18 x 0.60 DP.	1/4-20 x 0.60 DP.
…01	3/4" BSPP	1/2" BSPP	3/8" BSPP	M8 x 0.60 DP.	M6 x 0.60 DP.

Number of Stations	01[2]	02	03	04	05	06	07	08 – 12
Dim. "A"	3.25 w/o relief 4.50 w/relief	6.50	9.75	13.00	16.25	19.50	22.75	
Dim. "B" RCI	2.688	2.688	2.688	2.688	2.688	2.688	2.688	Consult Factory
Dim. "B" RCS	2.406	2.406	2.406	2.406	2.406	2.406	2.406	
Approx. Weight AL (lbs)	5	8	12	16	20	23	27	
Approx. Weight DI (lbs)	14	21	31	41	52	62	72	

1) Blackening 2) Gauge port not included All dimensions in inches

4) Isolation options allow for a manifold to have two independent pressure and/or tank ports. Isolations are drilled rather than plugged to ensure a leakproof and failproof isolation.

5) Position of the isolation within the manifold are based on Station One to the left with A and B ports facing away.