

Features & Advantages

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- + The high flow design provides flow rates with minimal pressure drops.
- + 3 1/4" or 5" valve center options allow the manifold to be sized for specific D05 valve types.
- + Standard end mount and through holes make mounting easy and flexible. Also, (when requested) mounting bracket kit BK-A05 (no charge) is supplied as alternative end mounting style.
- + Available with SAE, NPT, BSPP, BSPT or Metric Threads to cover a wide range of applications.
- + Options include relief valve cavity, bottom PR & TK ports, and gauge port to fit specific circuit requirements.

Dimensions (3.25" Valve Spacing)

| No. of Stations | C | L* | E | F |
|-----------------|-------|--------|--------|----------------|
| 1 | - - | 3.75" | 2.45" | - |
| 2 | 3.25" | 6.50" | 5.70" | - |
| 3 | 3.25" | 9.75" | 8.95" | - |
| 4 | 3.25" | 13.00" | 12.20" | 6.50" |
| 5 | 3.25" | 16.25" | 15.45" | 6.50" |
| 6 | 3.25" | 19.50" | 18.70" | 6.50" & 13.00" |
| 7 | 3.25" | 22.75" | 21.95" | 6.50" & 13.00" |

* Note: For Single Station with C, S, G, G6 or B Option, "L" = 4.75"

Dimensions (5.00" Valve Spacing)

| No. of Stations | C | L | E | F |
|-----------------|-------|--------|--------|-----------------|
| 2 | 5.00" | 8.25" | 7.45" | - |
| 3 | 5.00" | 13.25" | 12.45" | - |
| 4 | 5.00" | 18.25" | 17.45" | 10.00" |
| 5 | 5.00" | 23.25" | 22.45" | 10.00" |
| 6 | 5.00" | 28.25" | 27.45" | 10.00" & 20.00" |
| 7 | 5.00" | 33.25" | 32.45" | 10.00" & 20.00" |

MAGNALOY D05E ALT. A PARALLEL BAR MANIFOLD PART NUMBER BREAKDOWN

B M - S H P 5 E P 3 - 0 1 - 1 / G

Product Code
BM - Inline Bar Manifold

Material Code
A - Aluminum
S - Ductile/Steel

Circuit Code
HP - High Flow Parallel Circuit

NFPA Pattern Code
5E - D05E Alt. A

Thread Code
P - NPTF Pipe
S - SAE O'Ring
B - BSPP British Parallel
T - BSPT British Taper
M - Metric ISO 6149
(See Port Size Chart for Standard Port Sizes)

Valve Spacing Code
3 - 3.25"
5 - 5.00"

Options

- Z - No Option
- B - Bottom PR-TK Ports
- C - Relief Valve Cavity C-10-2
- G - Gauge Port #4 SAE or 1/4 NPTF
- G6 - Gauge Port #6 SAE
- S - Relief Valve Cavity Sun T-3A
- H - Hard Metric Threading *(See Note 2, page 34)*
- M - Soft Metric Threading *(See Note 3, page 34)*
- I - Isolation Plug ¹ - List as last option designated *(See Note 1, page 34)*

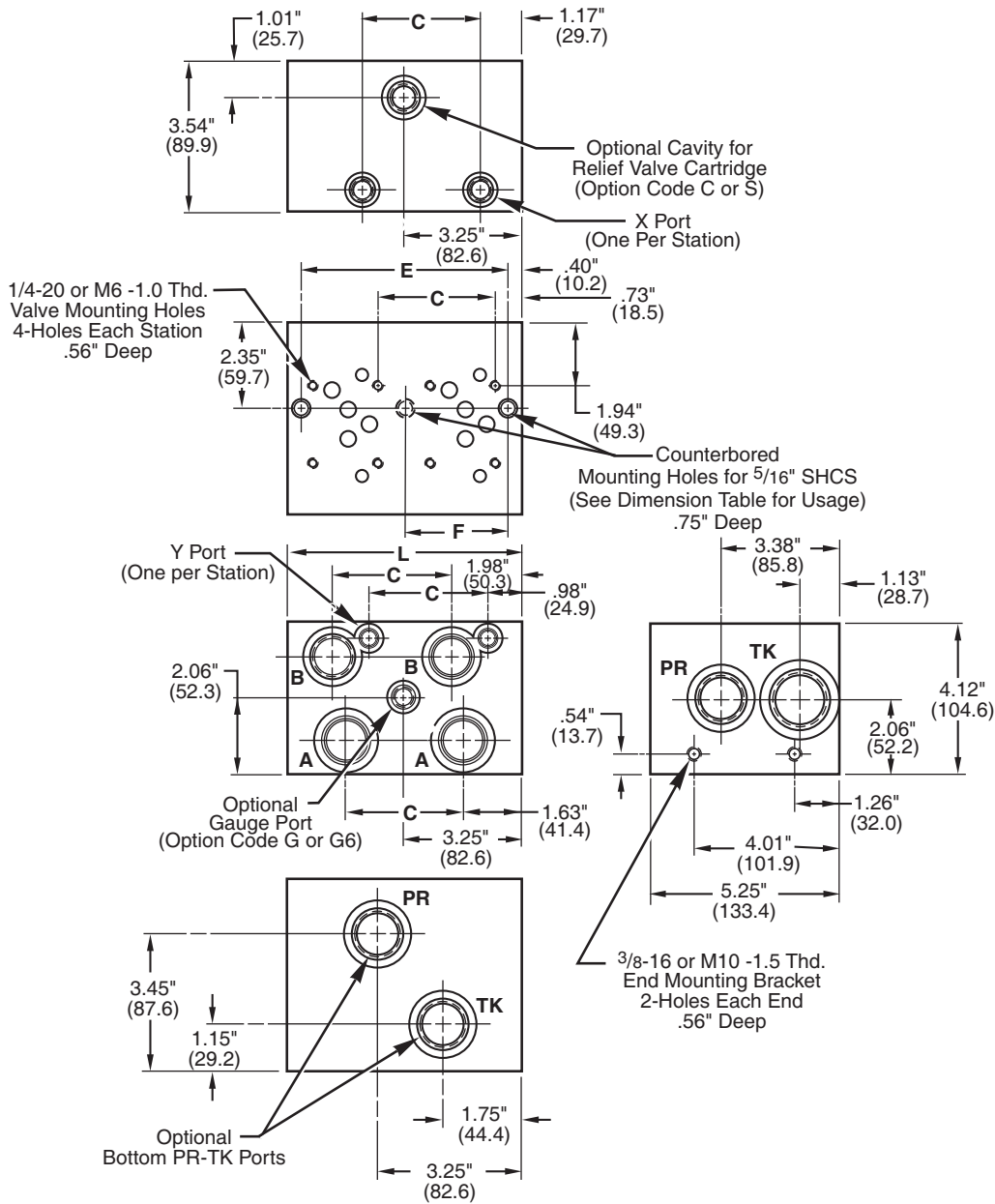
Note: For more than two combined options, please Consult Factory.

Design Series

Number of Valve Stations
01 - 1 station
02 - 2 stations
etc.

Inline Bar Manifold

D05 E Alt. A Bar Manifold - Parallel



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Port Size Chart

Note: For Mounting Bracket Kit (BK-A05) dimensions, see Reference Section, page 174

| Thread Code | PR | TK | A & B | Optional Gauge Ports | X & Y |
|-------------|---------|-------------|-----------|-----------------------|-----------|
| P | 1" NPT | 1 1/4" NPT | 3/4" NPT | 1/4" NPT | 1/4" NPT |
| S | #16 SAE | #20 SAE | #12 SAE | #4 SAE G6 - #6 SAE | #4 SAE |
| B | 1" BSPP | 1 1/4" BSPP | 3/4" BSPP | - | 1/4" BSPP |
| T | 1" BSPT | 1 1/4" BSPT | 3/4" BSPT | - | 1/4" BSPT |
| M | M33 | M42 | M27 | - | M12 |