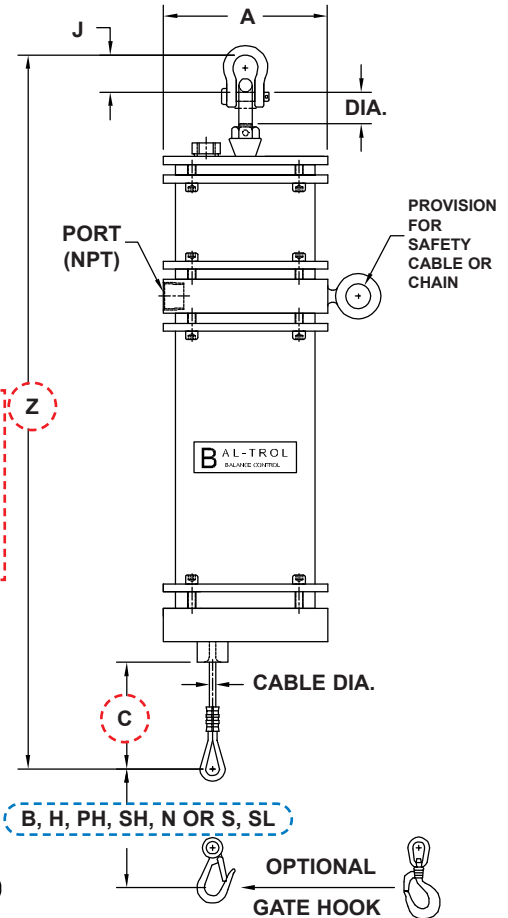


MH & MV - HORIZONTAL AND VERTICAL DIMENSIONS

| MODEL | A | C | E | J | DIA. | CABLE DIA. | PORT (NPT) |
|-------|-------|------|-------|------|------|---------------------------|------------|
| 03 | 3.63 | 4.50 | 11.25 | 1.50 | .78 | ID: 1/16 OD: 3/32 (7 X 7) | 1/4 |
| 06 | 4.50 | 4.50 | 11.38 | 1.50 | .78 | ID: 3/32 OD: 1/8 (7 X 19) | 3/8 |
| 12 | 6.25 | 5.50 | 14.31 | 1.50 | .97 | ID: 1/8 OD: 3/16 (19 X 7) | 3/8 |
| 40 | 10.00 | 6.50 | 19.00 | N/A | 1.50 | ID: 1/4 OD: 3/8 (7 X 19) | 1/2 |

NOTE: DIMENSIONS "C", "E" & "Z" DO NOT INCLUDE CONTROL



CONTROL DIMENSIONS

| MODEL | B CONTROL | H, PH, SH, N CONTROL | S, SL CONTROL |
|-------|-----------|----------------------|---------------|
| 03 | 3.00 | 3.00 | 16.69 |
| 06 | 3.00 | 3.00 | 16.69 |
| 12 | 10.00 | 3.00 | 16.69 |
| 40 | 12.00 | 4.00 | 17.69 |

SEE CONTROLS PAGES 3-5

B, H, PH, SH, N OR S, SL

OPTIONAL GATE HOOK

B, H, PH, SH, N OR S, SL

OPTIONAL GATE HOOK

M - MODULAR CAPACITY MODELS

OVERALL LENGTHS OF UNITS, IN INCHES, AT VARIOUS HOOK TRAVEL. CONTROL DIMENSIONS NOT INCLUDED.

| TRAVEL FEET | 40 LBS. | | | 60 LBS. | | | 80 LBS. | | | 75 LBS. | | | 100 LBS. | | | 125 LBS. | | |
|-------------|---------------|--------------|-------|---------------|--------------|-------|---------------|--------------|-------|---------------|--------------|-------|---------------|--------------|-------|---------------|--------------|-------|
| | HORIZ. MH03/8 | VERT. MV03/8 | Z | HORIZ. MH03/6 | VERT. MV03/6 | Z | HORIZ. MH03/4 | VERT. MV03/4 | Z | HORIZ. MH06/8 | VERT. MV06/8 | Z | HORIZ. MH06/6 | VERT. MV06/6 | Z | HORIZ. MH06/4 | VERT. MV06/4 | Z |
| 1' | 11.54 | 6.88 | 18.50 | 12.54 | 7.38 | 19.50 | 14.54 | 8.38 | 21.50 | 14.03 | 9.19 | 21.16 | 15.03 | 9.69 | 22.16 | 17.03 | 10.69 | 24.16 |
| 2' | 14.54 | 8.38 | 21.50 | 16.54 | 9.38 | 23.50 | 20.54 | 11.38 | 27.50 | 17.03 | 10.69 | 24.16 | 19.03 | 11.69 | 26.16 | 23.03 | 13.69 | 30.16 |
| 3' | 17.54 | 9.88 | 24.50 | 20.54 | 11.38 | 27.50 | 26.54 | 14.38 | 33.50 | 20.03 | 12.19 | 27.16 | 23.03 | 13.69 | 30.16 | 29.03 | 16.69 | 36.16 |
| 4' | 20.54 | 11.38 | 27.50 | 24.54 | 13.38 | 31.50 | 32.54 | 17.38 | 39.50 | 23.03 | 13.69 | 30.16 | 27.03 | 15.69 | 34.16 | 35.03 | 19.69 | 42.16 |
| 5' | 23.54 | 12.88 | 30.50 | 28.54 | 15.38 | 35.50 | 38.54 | 20.38 | 45.50 | 26.03 | 15.19 | 33.16 | 31.03 | 17.69 | 38.16 | 41.03 | 22.69 | 48.16 |
| 6' | 26.54 | 14.38 | 33.50 | 32.54 | 17.38 | 39.50 | 44.54 | 23.38 | 51.50 | 29.03 | 16.69 | 36.16 | 35.03 | 19.69 | 42.16 | 47.03 | 25.69 | 54.16 |
| 7' | 29.54 | 15.88 | 36.50 | 36.54 | 19.38 | 43.50 | 50.54 | 26.38 | 57.50 | 32.03 | 18.19 | 39.16 | 39.03 | 21.69 | 46.16 | 53.03 | 28.69 | 60.16 |
| 8' | 32.54 | 17.38 | 39.50 | 40.54 | 21.38 | 47.50 | 56.54 | 29.38 | 63.50 | 35.03 | 19.69 | 42.16 | 43.03 | 23.69 | 50.16 | 59.03 | 31.69 | 66.16 |
| 9' | 35.54 | 18.88 | 42.50 | 44.54 | 23.38 | 51.50 | 62.54 | 32.38 | 69.50 | 38.03 | 21.19 | 45.16 | 47.03 | 25.69 | 54.16 | 65.03 | 34.69 | 72.16 |
| 10' | 38.54 | 20.38 | 45.50 | 48.54 | 25.38 | 55.50 | 68.54 | 35.38 | 75.50 | 41.03 | 22.69 | 48.16 | 51.03 | 27.69 | 58.16 | 71.03 | 37.69 | 78.16 |

| TRAVEL FEET | 150 LBS. | | | 200 LBS. | | | 300 LBS. | | | 400 LBS. | | 600 LBS. | | 800 LBS. | |
|-------------|---------------|--------------|-------|---------------|--------------|-------|---------------|--------------|-------|---------------|--------------|---------------|--------------|---------------|--------------|
| | HORIZ. MH12/8 | VERT. MV12/8 | Z | HORIZ. MH12/6 | VERT. MV12/6 | Z | HORIZ. MH12/4 | VERT. MV12/4 | Z | HORIZ. MH40/8 | VERT. MV40/8 | HORIZ. MH40/6 | VERT. MV40/6 | HORIZ. MH40/4 | VERT. MV40/4 |
| 1' | 15.30 | 10.31 | 24.32 | 16.30 | 10.81 | 25.32 | 18.30 | 11.81 | 27.32 | 25.15 | 18.68 | 26.15 | 19.18 | 28.15 | 20.18 |
| 2' | 18.30 | 11.81 | 27.32 | 20.30 | 12.81 | 29.32 | 24.30 | 14.81 | 33.32 | 28.15 | 20.18 | 30.15 | 21.18 | 34.15 | 23.18 |
| 3' | 21.30 | 13.31 | 30.32 | 24.30 | 14.81 | 33.32 | 30.30 | 17.81 | 39.32 | 31.15 | 21.68 | 34.15 | 23.18 | 40.15 | 26.18 |
| 4' | 24.30 | 14.81 | 33.32 | 28.30 | 16.81 | 37.32 | 36.30 | 20.81 | 45.32 | 34.15 | 23.18 | 38.15 | 25.18 | 46.15 | 29.18 |
| 5' | 27.30 | 16.31 | 36.32 | 32.30 | 18.81 | 41.32 | 42.30 | 23.81 | 51.32 | 37.15 | 24.68 | 42.15 | 27.18 | 52.15 | 32.18 |
| 6' | 30.30 | 17.81 | 39.32 | 36.30 | 20.81 | 45.32 | 48.30 | 26.81 | 57.32 | 40.15 | 26.18 | 46.15 | 29.18 | 58.15 | 35.18 |
| 7' | 33.30 | 19.31 | 42.32 | 40.30 | 22.81 | 49.32 | 54.30 | 29.81 | 63.32 | 43.15 | 27.68 | 50.15 | 31.18 | 64.15 | 38.18 |
| 8' | 36.30 | 20.81 | 45.32 | 44.30 | 24.81 | 53.32 | 60.30 | 32.81 | 69.32 | 46.15 | 29.18 | 54.15 | 33.18 | 70.15 | 41.18 |
| 9' | 39.30 | 22.31 | 48.32 | 48.30 | 26.81 | 57.32 | 66.30 | 35.81 | 75.32 | 49.15 | 30.68 | 58.15 | 35.18 | 76.15 | 44.18 |
| 10' | 42.30 | 23.81 | 51.32 | 52.30 | 28.81 | 61.32 | 72.30 | 38.81 | 81.32 | 52.15 | 32.18 | 62.15 | 37.18 | 82.15 | 47.18 |

NOTE: DIMENSIONS "C", "E" & "Z" DO NOT INCLUDE CONTROL