



LHB Series Manual Limit Switch

FOR BALL VALVES UP TO 6" AND BUTTERFLY VALVES UP TO 8"

KEY FEATURES

- Remote Monitoring of Critical Services
- Retrofits to Existing Valves
- Robust GFPP Body, Cover and Plate
- 304 Stainless Steel Stem and FPM Seals
- Fits All Hayward® Ball Valves up to 6" and Butterfly Valves up to 8"
- Available with "Dead-Man" Spring Return Handle or Handlever (LHB-SR)
- Two Adjustable SPDT 10 Amp at 120 VAC Switches (Open/Close Position)
- 1/2" Conduit Port
- Terminal Blocks for Ease of Wiring
- Meets ISO5211, F05, F07 and F10 Patterns
- NEMA 4X
- Switches CSA Listed

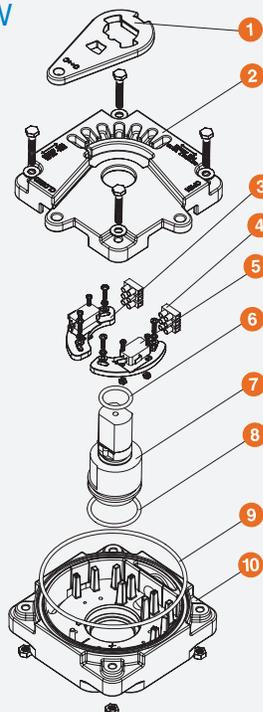
OPTIONS

- Additional Two Switches
- Optional Handles – Lever or T-Handle



TECHNICAL INFORMATION

EXPLODED VIEW



SELECTION CHART

| MANUAL LIMIT SWITCH MODEL | VALVE SIZE/SERIES |
|---------------------------|--|
| LHB-1 | 1/2" – 2" TB / TBH (DN15 – DN50) 1-1/2" – 4" BYV (DN40 – DN100) |
| LHB-2 | 2-1/2" – 6" TB / TBH (DN65 – DN150) 6" – 8" BYV (DN150 – DN200) |
| LHB-1-SR | 1/2" – 2" TB (DN15 – DN50) |
| LHB-2-SR | 2-1/2" – 6" TB (DN65 – DN150) |

Pat. No's.: 9,010,721; and 9,0101, 722; 9, 702,480

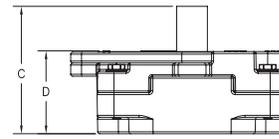
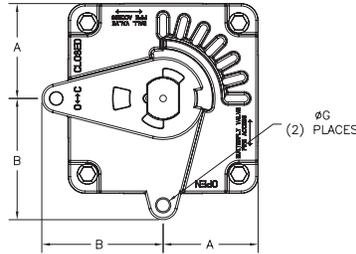
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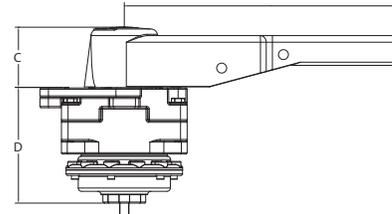
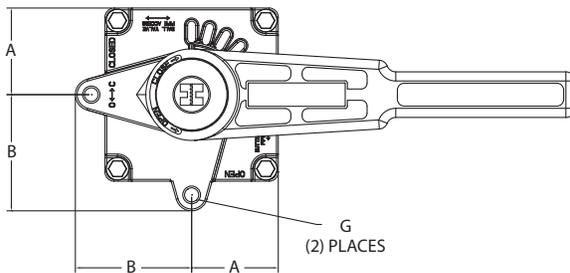
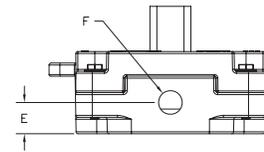
TECHNICAL INFORMATION, CONTINUED

PARTS LIST

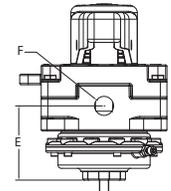
1. Lock Plate
2. Cover
3. Adjustment Plate
4. Terminal Block
5. Switch
6. Upper Shaft O-Ring
7. Shaft
8. Lower Shaft O-Ring
9. Body O-Ring
10. Body



LHB



LHB-SR



DIMENSIONS

| MANUAL LIMIT SWITCH MODEL | VALVE SIZE/SERIES | A | | B | | C | | D | | E | | F | | G | |
|---------------------------|---------------------------------------|------|----|------|----|------|----|------|-----|------|----|------|-----|-----|----|
| | | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm |
| LHB-1 | 1/2" – 2" TB / TBH 1-1/2" – 4" BYV | 2.38 | 60 | 3.19 | 81 | 3.88 | 99 | 2.52 | 64 | .95 | 24 | 1/2" | NPT | .38 | 10 |
| LHB-2 | 2-1/2" – 6" TB / TBH 6" and 8" BYV | 2.89 | 73 | 3.69 | 94 | 3.88 | 99 | 2.52 | 64 | .95 | 24 | 1/2" | NPT | .38 | 10 |
| LHB1-SR | 1/2" – 2" TB / TBH | 2.38 | 61 | 3.19 | 81 | 2.28 | 60 | 4.38 | 112 | 2.81 | 71 | 1/2" | NPT | .38 | 10 |
| LHB2-SR | 2-1/2" – 6" TB / TBH | 2.89 | 73 | 3.69 | 94 | 2.28 | 60 | 2.52 | 64 | 112 | 71 | 1/2" | NPT | .38 | 10 |

Dimensions are subject to change without notice – consult factory for installation information



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