



Motorized Ball Valve Model MVP 743-XX-XXX

Product Datasheet



Features

- Completely assembled ready to plug and play
- >100,000 life cycles
- Max working pressure of 16 bar
- Brass or Stainless Steel
- Very compact design
- 110 – 230VAC 50/60Hz supply
- OEM branding available

Description

The **Powerflow Motorized Ball Valve/Drain Valve** offers users a non-block approach to condensate removal from compressed air systems. Removal of condensate from compressed air systems is a critical maintenance requirement. Failure to carry out regular draining results in serious disruption to production schedules, deterioration in product quality, damage to sensitive pneumatic equipment, etc. The **Powerflow Motorized Ball Valve/Drain Valve** offers an open time of <7secs, with in-built stall current that prevents motor damage.



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Programmable Motorized Ball Valve Model MVP 743-XX-XXX

Product Datasheet

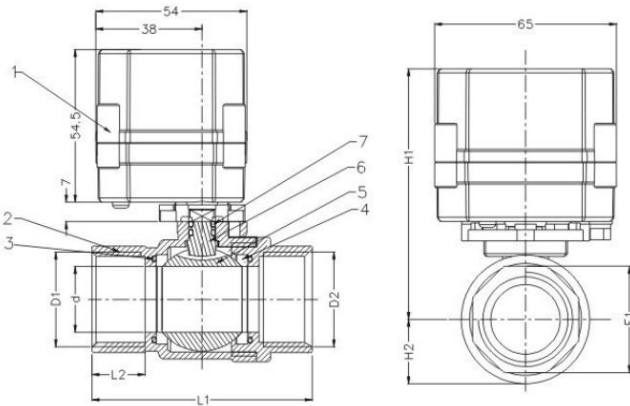
Technical Specification and Ordering information

| | |
|---------------------------------|--------------------|
| Rated Voltage | 110-230VAC 50/60Hz |
| Current | 500mA |
| Life Cycles | 150000 |
| Cable Length | 2m |
| Operational Temperature | -15 - +50°C |
| Manual Override | No |
| Visual Indicator | Yes |
| IP Rating | IP67 |
| Stall Current | 600mA |
| Media Max temperature | 2 - 90°C |
| One direction Open/close time | <7 secs 90° |
| Valve position if power removed | NC |

Non – Programmable Motorized Ball Valve

| Valve Material | Valve Size | Part Number |
|----------------|------------|-------------|
| Brass | ¼" | 743-11-110 |
| Brass | ½" | 743-11-111 |
| Brass | ¾" | 743-11-112 |
| Brass | 1" | 743-11-113 |
| Brass | 1 ¼" | 743-11-114 |

Dimensions



| NO. | NAME | MATERIAL | QTY |
|-----|----------------------|-----------------|-----|
| 1 | Electronic Enclosure | PPO | 1 |
| 2 | Body cover | SS/Brass | 1 |
| 3 | O-ring | FKM | 2 |
| 4 | Sealing | PTFE | 2 |
| 5 | Ball | Stainless Steel | 1 |
| 6 | Stem | Stainless Steel | 2 |
| 7 | O-ring | FKM | 2 |

| Part | D1/D2 | d | L1 | L2 | E1 | H1 | H2 |
|------------|-------|----|----|----|----|-----|----|
| ¼" Valve | ¼" | 8 | 50 | 12 | 21 | 80 | 14 |
| ½" Valve | ½" | 15 | 63 | 14 | 25 | 83 | 17 |
| ¾" Valve | ¾" | 20 | 66 | 15 | 31 | 87 | 20 |
| 1" Valve | 1" | 25 | 72 | 16 | 38 | 95 | 24 |
| 1 ¼" Valve | 1 ¼" | 29 | 77 | 16 | 46 | 105 | 28 |

Every effort has been taken to ensure the accuracy of this specification. However in order to maintain our technological lead we are continuously improving our products which could, without notice result in amendments or omissions to this specification. We cannot accept responsibility for damage, injury, loss or expenses resulting therein.