



*The sizing shown is based on air supply of 5.5 bar to the actuator.

Description:

The HP range of pneumatic actuators fitted to 2 way Flanged stainless steel ball valves suitable for standard process applications.

The actuators are manufactured from aluminium and have a hard anodised finish. All actuators are designed to the latest ISO/Namur and are ATEX approved.

The ball valves are of 2 piece design and fitted with RPTFE seat. They are Full Bore and have PN16 Flanged ends.

The actuators fit directly onto the valves so no mounting kit is required thus making the package more compact and cost effective.

Standard Actuator Specification:

Pressure Rating : 3 to 8 bar
 Temperature : -20°C to +80°C
 End of stroke adjustment : ±5° Open & Close

Standard Valve Specification:

Body : 316 Stainless Steel
 Seat : RPTFE
 Stem Seal : PTFE
 Pressure Rating : 1/2" - 2" Maximum 40 bar
 2 1/2" - 4" Maximum 16 bar
 Temperature : -25°C to +200° C
 Ends : Flanged Connection-DIN2501/BS4504

Options:

- Electric Actuators
- Solenoid valves, Switchboxes etc.
- Carbon Steel Valve Material
- Screw Ended Valves
- Larger valves
- Manual operation

Dimensions

| VALVE | DOUBLE ACTING | A | B | C | D | E | Weight Kg |
|---------------|---------------|-----|-----|-----|-----|-----|-----------|
| 1/2" (15MM) | HP50D | 115 | 144 | 72 | 141 | 115 | 4 |
| 3/4" (20MM) | HP50D | 120 | 144 | 72 | 146 | 150 | 4.5 |
| 1" (25MM) | HP50D | 125 | 144 | 72 | 152 | 115 | 5 |
| 1 1/4" (32MM) | HP63D | 130 | 163 | 85 | 178 | 150 | 7 |
| 1 1/2" (40MM) | HP63D | 140 | 163 | 85 | 183 | 150 | 8 |
| 2" (50MM) | HP66D | 150 | 202 | 85 | 192 | 165 | 11 |
| 2 1/2" (65MM) | HP88D | 170 | 247 | 108 | 238 | 185 | 17.5 |
| 3" (80MM) | HP88D | 180 | 247 | 108 | 247 | 200 | 23.5 |
| 4" (100MM) | HP100D | 190 | 268 | 123 | 288 | 220 | 32.5 |

Dimensions

| VALVE | SPRING RETURN | A | B | C | D | E | Weight Kg |
|---------------|---------------|-----|-----|-----|-----|-----|-----------|
| 1/2" (15MM) | HP50S | 115 | 144 | 72 | 141 | 115 | 4.5 |
| 3/4" (20MM) | HP50S | 120 | 144 | 72 | 146 | 150 | 5 |
| 1" (25MM) | HP63S | 125 | 163 | 85 | 166 | 115 | 6 |
| 1 1/4" (32MM) | HP63S | 130 | 163 | 85 | 178 | 150 | 7 |
| 1 1/2" (40MM) | HP66S | 140 | 202 | 85 | 193 | 150 | 9 |
| 2" (50MM) | HP88S | 150 | 247 | 108 | 221 | 165 | 14.5 |
| 2 1/2" (65MM) | HP100S | 170 | 268 | 123 | 250 | 185 | 19.5 |
| 3" (80MM) | HP115S | 180 | 316 | 141 | 277 | 200 | 29 |
| 4" (100MM) | HP125S | 190 | 347 | 151 | 319 | 220 | 40 |