



## PGV-151-B-DC

**Brand:** Landscape Irrigation

**Product Line:** Valves

**Product Model:** 1½" and 2" PGV

**SKU:** PGV151BDC

**Description:** PGV Valve, screw-top, 1½" (40 mm) BSP combination globe / angle valve with flow control, female thread inlet / outlet, and DC-Latching Solenoid

### Dimensions

**Inlet Size:** 1½"

### Shipping Information

**UPC-A:** 0611698151891

**Qty. / Bag:** 8

**Origin:** Made in Mexico

**Ocean Pallet:** 576

**Land Pallet:** 448

**Master Carton:** 8

### Additional Information

**Material:** Plastic

| 1" (25 mm) PGV Valve       |                      |
|----------------------------|----------------------|
| Flow<br>m <sup>3</sup> /hr | Pressure Loss<br>bar |
| 0.3                        | 0.08                 |
| 1.0                        | 0.11                 |
| 2.5                        | 0.13                 |
| 3.5                        | 0.16                 |
| 4.5                        | 0.23                 |
| 5.5                        | 0.43                 |
| 6.5                        | 0.62                 |
| 8.0                        | 1.10                 |
| 9.0                        | 1.48                 |
| 1" (25 mm) PGV Valve       |                      |
| Flow<br>l/min              | Pressure Loss<br>kPa |
| 4                          | 8                    |
| 20                         | 11                   |
| 40                         | 13                   |
| 55                         | 16                   |
| 75                         | 23                   |
| 95                         | 43                   |
| 115                        | 62                   |
| 135                        | 110                  |
| 150                        | 148                  |

| PGV Pressure Loss in Bar   |                      |                      |                     |                     |
|----------------------------|----------------------|----------------------|---------------------|---------------------|
| Flow<br>m <sup>3</sup> /hr | 1½" (40 mm)<br>Globe | 1½" (40 mm)<br>Angle | 2" (50 mm)<br>Globe | 2" (50 mm)<br>Angle |
| 4.5                        | 0.2                  | 0.2                  | 0.1                 | 0.1                 |
| 5.5                        | 0.2                  | 0.2                  | 0.1                 | 0.1                 |
| 6.5                        | 0.2                  | 0.2                  | 0.1                 | 0.1                 |
| 8.0                        | 0.2                  | 0.2                  | 0.1                 | 0.1                 |
| 9.0                        | 0.2                  | 0.2                  | 0.1                 | 0.1                 |
| 11.0                       | 0.3                  | 0.2                  | 0.1                 | 0.1                 |
| 13.5                       | 0.3                  | 0.3                  | 0.1                 | 0.1                 |
| 18.0                       | 0.4                  | 0.4                  | 0.2                 | 0.1                 |
| 22.5                       | 0.6                  | 0.5                  | 0.3                 | 0.2                 |
| 27.0                       | 0.8                  | 0.8                  | 0.4                 | 0.3                 |
| 30.5                       |                      |                      | 0.6                 | 0.5                 |
| 34.0                       |                      |                      | 0.7                 | 0.6                 |
| PGV Pressure Loss in kPa   |                      |                      |                     |                     |
| Flow<br>l/min              | 1½" (40 mm)<br>Globe | 1½" (40 mm)<br>Angle | 2" (50 mm)<br>Globe | 2" (50 mm)<br>Angle |
| 75                         | 20                   | 22                   | 4                   | 9                   |
| 95                         | 20                   | 21                   | 5.5                 | 9                   |
| 115                        | 21                   | 21                   | 7.5                 | 9.5                 |
| 135                        | 22                   | 21                   | 9                   | 10                  |
| 150                        | 25                   | 23                   | 12                  | 11                  |
| 200                        | 27                   | 24                   | 14                  | 12                  |
| 325                        | 47                   | 41                   | 26                  | 19                  |
| 400                        | 65                   | 59                   | 33                  | 24                  |
| 500                        | 96                   | 92                   | 43                  | 32                  |
| 625                        |                      |                      | 56                  | 45                  |
| 775                        |                      |                      | 74                  | 64                  |

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