

MINIMUM PRESSURE VALVES G SERIES

www.vmcitaly.com
www.vmc-usa.com



MAIN FEATURES:

- MPVs includes a check valve to prevent air backflow from the line
- Adjusting screw for fast and easy set-up working pressure

INSTALLATION:

Installed on the discharge port of the separator tank

AVAILABLE VERSIONS:

Threaded or flanged

MAINTENANCE:

Specific spare part kits are available for ordinary maintenance.

Minimum pressure Valves G Series are also available for Natural Gas and Water Lubricated applications.

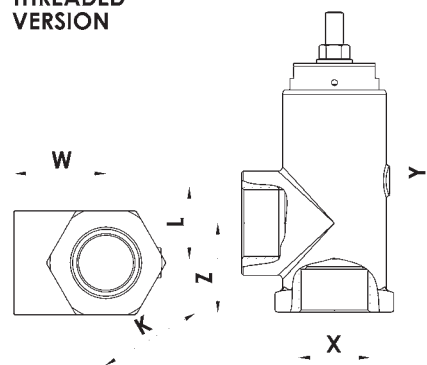
| TECHNICAL DATA | | G10 1/2" | G10 3/4" | G26 | G36 | G46 | G50T | G55R | G60R |
|----------------------|---------------------------|--|-------------|--------------|------------|-------------|-------------|-------------|-------------|
| Air Flow rate | m ³ /min - cfm | 1 - 35.31 | 1,5 - 52.97 | 3,5 - 123.58 | 6 - 211.86 | 12 - 423.72 | 22 - 776.82 | 40 - 1412.4 | 60 - 2118.6 |
| Pressure Drop | bar - psi | From 0,03 to 0,2 - From 0,435 to 2,9 | | | | | | | |
| Materials | | Housing in Aluminium alloy anodized. Internal parts in Stainless Steel, FPM/FKM sealings and Brass. | | | | | | | |
| Set opening pressure | bar - psi | From 3 to 5,5 bar. Standard settings : 4,5 ± 0,25 - From 43,5 to 79,8 psi. Standard settings : 65,25 ± 3,6 | | | | | | | |

| THREADED VERSION | | G10 1/2" | G10 3/4" | G26 | G36 | G46 | G50T | Flanged version only | Flanged version only |
|------------------|-----------|------------|------------|-------------|-------------|-------------|-------------|----------------------|----------------------|
| X | | G 1/2" | G 3/4" | G 1" | G 1-1/4" | G 1-1/2" | Rp 2" | - | - |
| Y | mm - inch | 86 - 3.38 | 86 - 3.38 | 106 - 4.17 | 132 - 5.2 | 196 - 7.7 | 276 - 10.86 | - | - |
| Z | mm - inch | 32 - 1.26 | 32 - 1.26 | 50 - 1.97 | 61 - 2.4 | 59 - 2.32 | 67,5 - 2.65 | - | - |
| L | mm - inch | Rp 1/2" | Rp 3/4" | Rp 1" | Rp 1 - 1/4" | Rp 1 - 1/2" | Rp 2" | - | - |
| K (hexagon) | mm - inch | 36 - 1.41 | 36 - 1.41 | 45 - 1.77 | 55 - 2.16 | 70 - 2.75 | 86 - 3.38 | - | - |
| W | mm - inch | 33 - 1.3 | 33 - 1.3 | 38,5 - 1.51 | 47,5 - 1.87 | 70 - 2.75 | 70,5 - 2.77 | - | - |
| Weight | kg - lb | 0,3 - 0.66 | 0,3 - 0.66 | 0,6 - 1.32 | 1 - 2.2 | 1,8 - 3.96 | 3,2 - 7 | - | - |

| FLANGED VERSION | | Threaded version only | Threaded version only | G25F | G35F | G40F | G50 | G55R | G60R |
|-------------------|-----------|-----------------------|-----------------------|--------------|-------------|---------------|--------------|-------------|-------------|
| X | mm - inch | - | - | Ø30,5 - Ø1.2 | Ø35 - Ø1.37 | Ø50 - Ø1.96 | Ø56,5 - Ø2.2 | Ø80 - Ø3.15 | Ø82 - Ø3.22 |
| Y | mm - inch | - | - | 95 - 3.74 | 113 - 4.44 | 200 - 7.87 | 276 - 10.86 | 281 - 11.06 | 328 - 12.9 |
| Z | mm - inch | - | - | 42 - 1.65 | 46,5 - 1.83 | 75 - 2.95 | 67,5 - 2.65 | 114,5 - 4.5 | 130 - 5.11 |
| L | mm - inch | - | - | Rp 1" | Rp 1 - 1/4" | Ø40,3 - Ø1.58 | Ø60 - Ø2.36 | Ø80 - Ø3.15 | Ø90 - Ø3.54 |
| W | mm - inch | - | - | 38 - 1.5 | 47 - 1.85 | 75 - 2.95 | 69,5 - 2.73 | 126 - 4.96 | 132 - 5.2 |
| I (Inlet flange) | mm - inch | - | - | 67 - 2.63 | 78 - 3.07 | 110 - 4.33 | 105 - 4.13 | 160 - 6.3 | 160 - 6.3 |
| O (Outlet flange) | mm - inch | - | - | - | - | 110 - 4.33 | 105 - 4.13 | 160 - 6.3 | 180 - 7 |
| Flange Bores | mm | - | - | No. 2xØ11 | No. 2xØ10,5 | No. 4xØ17 | No. 4xM12 | No. 8xØ18 | No. 8xØ18 |
| | inch | - | - | N°2x 0.43 | N°2x 0.41 | N°4x 0.67 | - | N°4x 0.71 | N°4x 0.71 |
| Weight | kg - lb | - | - | 0,6 - 1.32 | 1 - 2.2 | 3,2 - 7.05 | 3,2 - 7.05 | 7,5 - 16.53 | 8 - 17.63 |

Attention: The drawing below is not suitable for all models. Please log on to our website for specific drawings.

THREADED VERSION



FLANGED VERSION

