

Spécialistes en mécanique de procédés et du contrôle de l'environnement industriel
Mechanical Process and Industrial Environmental Control Specialists

Flat Type Diverter Valve * Spigotted *



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The Flat Type Diverter Valve - Spigotted

The Flap Type Diverter Valve consists of a robust body manufactured in two sections, split at a centre flange for ease of access to the internal sealing.

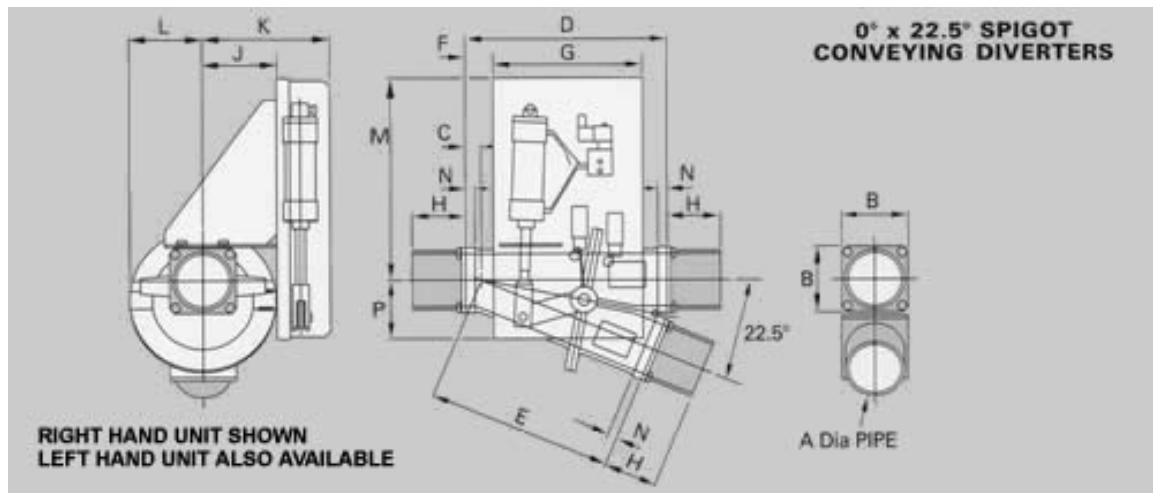
With the special cone transition at the inlet, the sealing area within the cone forms a complete parabola and therefore an efficient internal seal can be maintained without resorting to sealing ledges - increasing the conveying line pressure, the rubber wiper seals more effectively.

Internals are clean, with no lodgement points, and the transition from one line into two is gradual, limiting turbulence and therefore pressure drop. Similarly, by the streamline design, the valve will also feed from two lines into one - again with no lodgement areas.

Choice of materials can cater for the majority of applications and by plating the body and internal components the semi-abrasive fields can be covered.

Special demand has necessitated the manufacture of a range of 30° divert angle valves to compliment the traditional range of 22.5° divert angle valves. They are obviously more compact than the 22.5° range but have a slightly greater pressure drop due to the increased angle.

The connection type of the valve is of the **Spigotted** type - The spigotted ends are connected to pipework with "BLO-LINE" type couplings, facilitates quick access in case of blockages. It also gives flexibility in pipe length accuracy's and misalignment variation. Furthermore, the special spigotted ends are not of cast fixed length, but bolted on and of variable length. This enables the end to be supplied to fit exactly to existing pipework.



| Size | A Pipe | B | C | D | E | F | G | H | J | K | L | M | N | P |
|------|----------|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| 50 | 2"N/B | 95 | 20 | 279 | 259 | 0 | 250 | 102 | 92 | 194 | 90 | 333 | 19 | 77 |
| 63 | 2.5" N/B | 102 | 20 | 299 | 279 | 5 | 246 | 102 | 102 | 204 | 100 | 329 | 19 | 81 |
| 75 | 3" N/B | 114 | 20 | 360 | 340 | 25 | 246 | 102 | 112 | 214 | 110 | 325 | 19 | 85 |
| 100 | 4" N/B | 127 | 30 | 385 | 355 | 53 | 286 | 102 | 142 | 244 | 140 | 391 | 19 | 114 |
| 125 | 5" N/B | 152 | 30 | 484 | 454 | 102 | 286 | 102 | 162 | 264 | 160 | 381 | 19 | 124 |
| 150 | 6" N/B | 197 | 35 | 568 | 533 | 120 | 286 | 102 | 182 | 284 | 180 | 379 | 19 | 126 |

D y n a g r o u p T e c h n o l o g i e s

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