

DEFINOX - DCX 3 DE LEAK-PROOF VALVE

Pneumatic

DE-DS051A14100
 Seat valve DCX3 DE, L1-body, NC 2" EPDM

- Perfect leak tightness at high temperature and good resistance to chemical products
- Excellent resistance to expansion
- Leak indicator, for leaks between gaskets
- Able to absorb excess pressure under the plug
- Quick installation and removal



Product description

Definox DCX3DE leak-proof valve

The DCXDE is a double sealing changeover valve which performs the same usual functions of a standard DCX3. It also enables a potential leak to be detected between the two isolated zones due to the chamber connected to the atmosphere. This is an alternative to mixproof leak chamber valves.

This leak-proof valve meets the strongest requirements for process technology and is the ideal solution for Food, Brewery, Cosmetics, and Pharmaceutical Processes. The seat valve design offers a wide range of options and variants.

Technical advantages:

- From DN 51 to DN 104
- PFA liquid seal, perfectly washable, ensures perfect leak tightness at high temperature and good resistance to chemical products
- Spherical body with thick walls ensures excellent resistance to expansion
- Different body configurations possible: + TL / LT / L
- Numerous connections possible: SMS - DIN - Clamp
- The plug can be supplied with an elastomer seal. This solution is recommended for applications with charged liquids.
- Pneumatic actuator- removable and easily adjustable: NO-NC-Double effect
- Independent double valve system
- Leak indicator, for leakage between gaskets
- Able to absorb excess pressure under the plug
- The valve body is machine-made in a piece of solid steel that ensures excellent resistance to mechanical and thermal damage
- Quick installation and removal
- Possible use on a wide range of applications
- Complete interchangeability of sub-components
- Easy and fast maintenance thanks to the clamp assembly.

Specifications

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|--------------------|--------------|
| Certificate | 3.1 EN10204 |
| Connection | Weld ends |
| Description | EHEDG design |
| Design norm | SMS |
| House | L1-body |

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|-----------------------------|--------------|
| Internal Diameter | 48.5 |
| Material quality | 1.4404 |
| Outer Diameter | 51 |
| Pilot Pressure Max | 7 |
| Pilot Pressure Min | 5.5 |
| Surface Finish | RA<0,8/1,2µm |
| Temperature range | -5°C/+140°C |
| Weight | 7.7 |
| Working Pressure Max | 8 |

