



DEFINOX - DCX 3 DE LEAK-PROOF VALVE

Pneumatic

DE-DU101A44100

Seat valve DCX3 DE, L2-body, NC 4" 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.

TECHNICAL DATA

| | |
|------------------------|--------------|
| Certificate | 3.1 EN10204 |
| Connection type | Weld ends |
| Description | EHEDG design |
| Design norm | SMS |
| Housing | L2-body |

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|------------------------|--------------------------|
| Inner diameter | 97.4 mm |
| Material controls | Stainless steel AISI 304 |
| Material quality | 1.4404 |
| Material seat seal | EPDM |
| Operating pressure max | 8 bar |
| Outer diameter | 101.6 mm |
| Pilot pressure max | 7 bar |
| Pilot pressure min | 5.5 bar |
| Surface finish | RA<0,8/1,2µm |
| Temperature range | -5°C/+140°C |
| Weight | 37 kg |

