



## 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.

### TECHNICAL DATA

<b>Certificate</b>	3.1 EN10204
<b>Connection type</b>	Weld ends
<b>Description</b>	EHEDG design
<b>Design norm</b>	SMS
<b>Housing</b>	L1-body

<b>Inner diameter</b>	48,5 mm
<b>Material controls</b>	Stainless steel AISI 304
<b>Material quality</b>	1.4404
<b>Material seat seal</b>	EPDM
<b>Operating pressure max</b>	8 bar
<b>Outer diameter</b>	51 mm
<b>Pilot pressure max</b>	7 bar
<b>Pilot pressure min</b>	5,5 bar
<b>Surface finish</b>	RA<0,8/1,2µm
<b>Temperature range</b>	-5°C/+140°C
<b>Weight</b>	7,7 kg

