



## DEFINOX - DCX 3 DE LEAK-PROOF VALVE

Pneumatic

DE-DD050A65100  
Seat valve DCX3 DE, X2-body, NC DN50 FKM

- 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	DIN
Housing	X2-body

Inner diameter	50 mm
Material controls	Stainless steel AISI 304
Material quality	1.4404
Material seat seal	FKM
Operating pressure max	8 bar
Outer diameter	53 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	7.7 kg

