#### **OEM Automatic Ltd**

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# DEFINOX - DCX 3 DE LEAK-PROOF VALVE

**Pneumatic** 

DE-DD050A34100 Seat valve DCX3 DE, X1-body, NC DN50 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

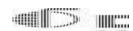
The DCXDE is a double sealing changeover valve which performs the same usual functions of a standard DCX3. It also enables a potential leak to be detected between the two isolated zones due to the chamber connected to the atomsphere. This is an alternative to mixproof leak chamber valves. This leak-proof 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 reccomended 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	X1-body



Inner diameter	50 mm
Material controls	Stainless steel AISI 304
Material quality	1.4404
Material seat seal	EPDM
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

