OEM Automatic Ltd
Address: Whiteacres, Whetstone Leicester, LE8 6ZG
0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

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 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	SMS
Housing	L1-body

Inner diameter	48.5 mm
Material controls	Stainless steel AISI 304
Material quality	1.4404
Material seat seal	EPDM
Operating pressure max	8 bar
Outer diameter	51 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

