

NOVEX II FILTER ISOLATION VALVE

General data sheet

Application

The NOVEx II series is a protection system consisting of a passive check valve for explosion isolation of combustible dust, and is certified to ATEX standards EN 16447:2014 and EN 15089:2009.

NOVEx II valves are used to stop explosion propagation from dust filters to the dirty air inlet and/or the clean air outlet. Here, the filter must be additionally protected with explosion relief panels or explosion suppression.

NOVEx II features

- ◆ Certified for "Pull" or "Push" mounting
- ◆ Applicable for stopping dust explosion in clean air ducting
- ◆ Can be placed in both horizontal and vertical ducting
- ◆ Variable pipe length (5 - 15 metres) between filter and NOVEx II
- ◆ Certified according to EN 16447 and EN 15089
- ◆ Conform to NFPA 69:2019 when using required options
- ◆ Housing in steel or stainless steel
- ◆ For all dust types (organic, non-organic and metal dust)
- ◆ Suitable for dust types with very low MIE (≥ 1 mJ)
- ◆ $P_{max} \leq 9.2$ bar
- ◆ Kst. max. 305 bar.m/s

Versions and dimensions

ATEX-certified NovEx II check valves are available in common sizes from DN100 to DN1250 (DIN 24154/R2, T2).

- ◆ Options: ANSI flanges, open and/or closed valve position detection, product deposit detection, automatic cleaning system, valve wear detection, pressure drop monitoring, support ring for vertical mounting.

