

The VAG NOVA NIRO 365 sets the new standard



Complaints about hydrants due to malfunctioning drainage? Never again!

Standpost hydrants are above-ground installation valves connected to the municipal water distribution network. They are primarily used to supply water for firefighting operations and are therefore an integral part of public and industrial firefighting water supplies, including facilities with elevated protection requirements such as industrial plants and airports. The above-ground design ensures quick location and immediate access in case of emergency. Safe and effective use in case of fire requires faultless functionality and standard-compliant, simple operation.

One in six hydrants in Germany is subject to a complaint due to a malfunctioning drain. The causes lie mainly in corrosion in the drainage channel and blockages caused by foreign objects entering the long and narrow drainage channels. This is a nuisance that VAG has technically eliminated with a new development. Starting in 2021, the NOVA above-ground hydrant program will offer dual drainage with greater safety and reliability by reducing the risk of clogging.

Brass seat bushings, a stainless steel drainage sleeve, and a plastic drainage guard prevent corrosion in the drainage channel. Clogging is effectively prevented by a multi-stage expansion of the drainage channel.

Maintenance-free encapsulated bearing as a brand-new product

The “encapsulated bearing” system is a novelty in Germany. The encapsulated bearings of the VAG NOVA NIRO 365 actuator components prevent the medium from coming into contact with the internal components. New axial needle bearings significantly reduce the operating torque and, in combination with a hygienically encapsulated grease reservoir, the system becomes maintenance-free. The innovative encapsulated bearing is optimized for drinking water hygiene, smooth-running, and maintenance-free, and remains so 365 days a year.

High-quality stainless steels and rustproof materials guarantee corrosion resistance. The lower pillar is protected against corrosion from the ground by a seamless and uniform EPP coating (GSK approval) on the inside and outside. The coating also covers the area rear of the brass seat bushing, thus providing all-round protection.

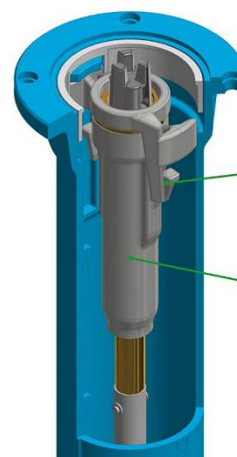
The hydrant top is coated against corrosion on the inside and outside in the same way. In addition, a high-quality red polyester powder coating protects against fading caused by UV radiation.

Reliable 365 days a year

Thanks to these technical advances, the VAG Hydrant NOVA NIRO 365 is perfectly protected against corrosion, the weather, and wear and tear every day of the year. Proven advantages such as the double shut-off, easy installation thanks to the multifunctional sealing ring, and free alignment of the hydrant top have been retained. A milestone for safe, easy, and long-lasting operation.

The hydrant will be available in the course of 2021. The encapsulated bearing can be retrofitted to existing VAG NOVA standpost hydrants DN 80 and 100. VAG offers a corresponding service package for this purpose. The VAG NOVA NIRO 365 sets new standards in terms of reliability, drinking water hygiene, smooth operation, and maintenance-free drive.

Encapsulated storage of actuator components



- Encapsulated bearing; can also be retrofitted into existing NOVA systems (service package)
- Retaining ring to prevent the internal assembly from being ejected under operating pressure during maintenance
- Encapsulated bearing; completely closed and sealed housing, no contact between internal components and the medium; permanent grease reservoir; optimized axial needle bearing