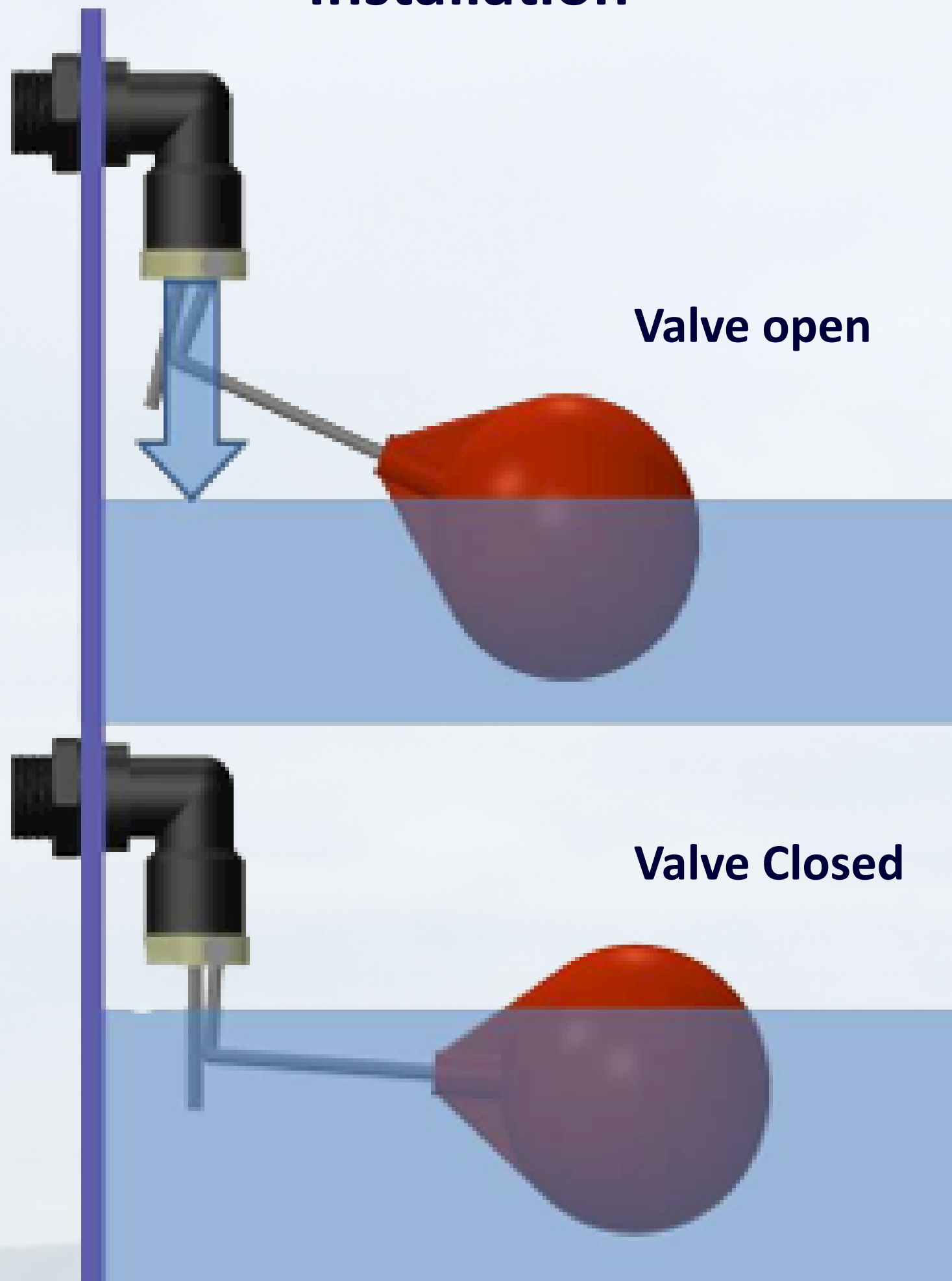


25mm EDUAN FLOAT VALVE

Product Code: ETF25

Installation



The valve body and valve stem must be installed in vertical position, allowing the valve to operate at low as well as high pressure. The valve stem must be suspended at the back of the float fulcrum.

This product consists of a weighted float with enough buoyancy to remain suspended within a trough with water. The sealing mechanism is closed by water pressure. As the water level drops, the float will open the seal to allow the water to flow. When the desired water level is reached the valve will close as the float no longer exerts a force on the valve mechanism.

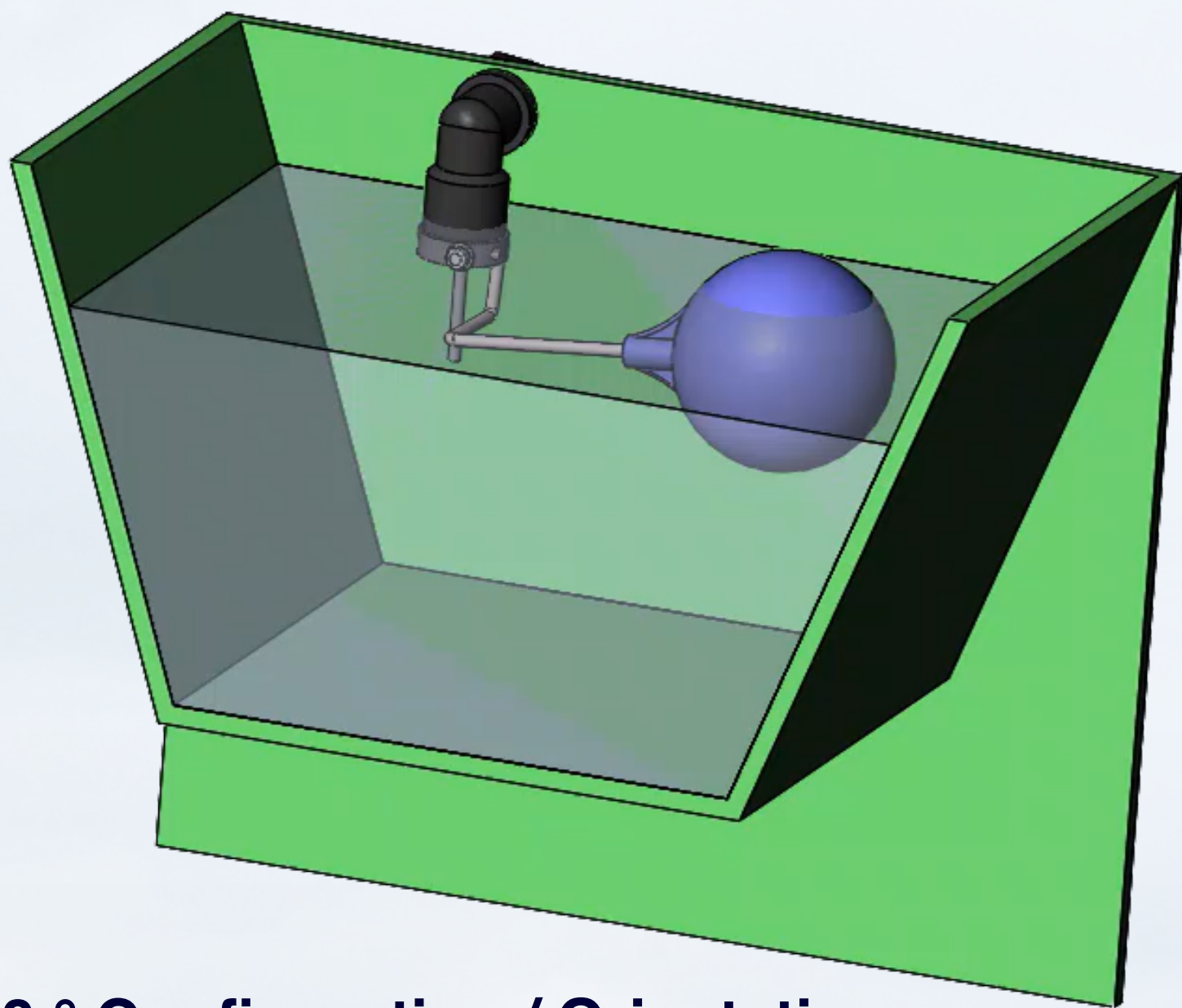
Note: The water in the ball must not be removed or altered! This float valve will function at pressures below the maximum pressure of 5 bar. At higher pressures it will remain closed.

Unique Features

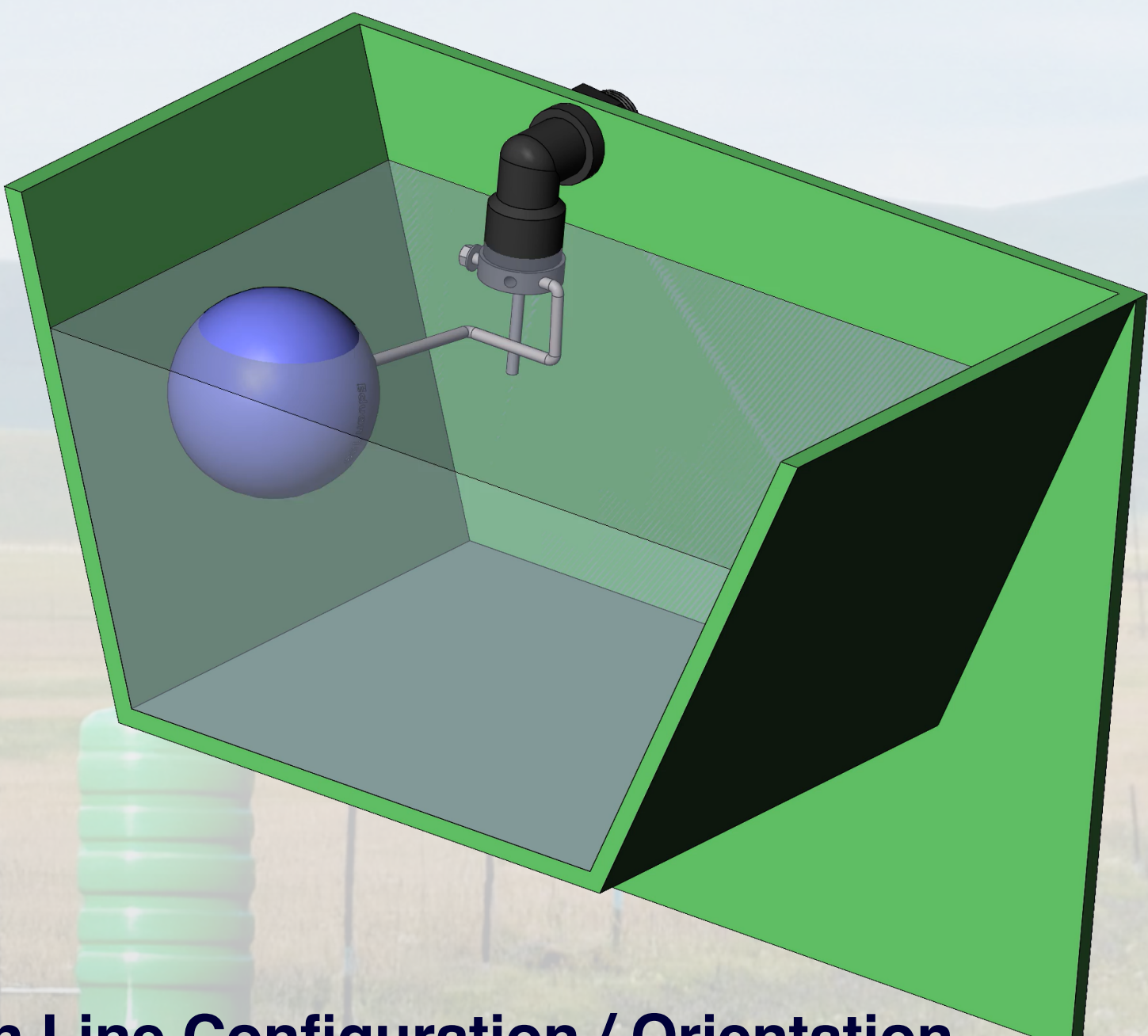
1. The compact design of the Eduan float valve allows its installation into small spaces resulting in cost savings.
2. The Eduan float valve has a high flow rate even at low pressures, for example:
21 L/min @ 50 kPa and 48L/min @200kPa.
3. The float valve seals effectively under low as well as high pressures. It opens fully when water flows, to ensure a high flow rate.
4. The large valve opening reduces the risk of blockage and the swirl action of the water avoids build-up of clogging material, (for example, sand or organic material).
5. Because of the construction materials, calcium build-up is prevented.
6. Maximum operational pressure is **500 kPa**.
7. Durable materials are used throughout stainless steel 304 for the actuator and the fulcrum component, ABS for the lock nut, valve and seal body, polypropylene for the float and spigot while for the seal neoprene is used.
8. In case the float is damaged, the valve will close and no water will leak out and no wastage will occur.
9. Because of the low wear rate of the components, the product has a long operational life.
10. Although great care is taken during manufacturing, the product can be damaged, if used under sub-zero conditions.

25mm EDUAN FLOAT VALVE

Product Code: ETF25



90 ° Configuration / Orientation



In Line Configuration / Orientation

New and Improved design

Eduan Float Valve

Trusted in production for over 35 years.

Eduan Tek has developed a new dual configuration that saves space.

- Features an innovative design giving farmers flexibility in float valve placement with an orientation option of in line or 90 ° to the inlet.
- Now upgraded with a new soft O-ring seal for enhanced sealing performance and durability.

Key Enhancements

1. Innovative Space-Saving Dual Configuration

- Eduan Tek has developed a new dual configuration that saves space.
- Gives farmers the freedom to choose the optimal placement of the float valve in their troughs, in line or at 90 ° to the inlet.
- Another innovative solution designed specifically for South African farmers.

2. Improved Sealing Performance

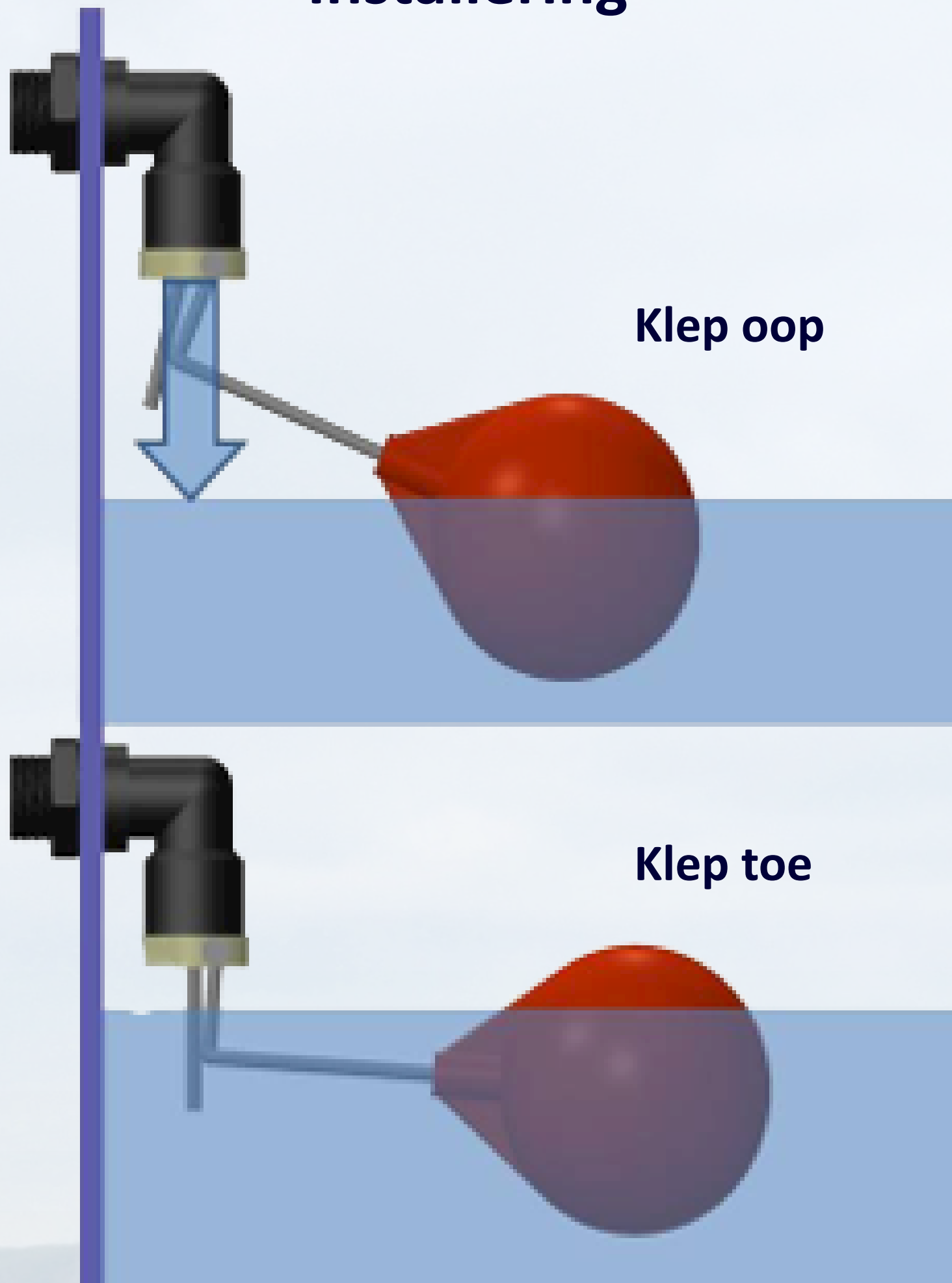
- The new soft O-ring replaces the previous seal.
- Provides more consistent and reliable sealing between components.
- Reduces the risk of leaks.

Note: The water in the ball must not be removed or altered! This float valve will function at pressures below the maximum pressure of 5 bar. At higher pressures it will remain closed.

25mm EDUAN Vlotter-klep

Produk Kode: ETF25

Installering



Die klephulsel en die klepstand moet in 'n loodregte posisie ge-installeer word sodat die klep by hoë sowel as lae druk sal funksioneer. Die klepstang moet aan die agterkant van die bal-arm hang.

Die vlotter-klep bestaan uit 'n geweege vlotter (bal) met net genoeg dryfbaarheid sodat dit nie sink nie. Waterdruk laat die seëlmeganisme sluit, en soos wat die watervlak in die krip daal, daal die bal en dus open die bal-arm die klep vir die water om deur te vloei. Sodra die verlangde watervlak bereik word, sluit die klep, omdat die bal-arm nie meer krag daarop uitoefen nie.

N.B. Die water in die bal moet nie verander of verwyder word nie. Hierdie vlotter-klep funksioneer onder die maksimum druk van 5 bar. By hoër druk sal die vlotter-klep toe bly.

Verbeterde Ontwerp

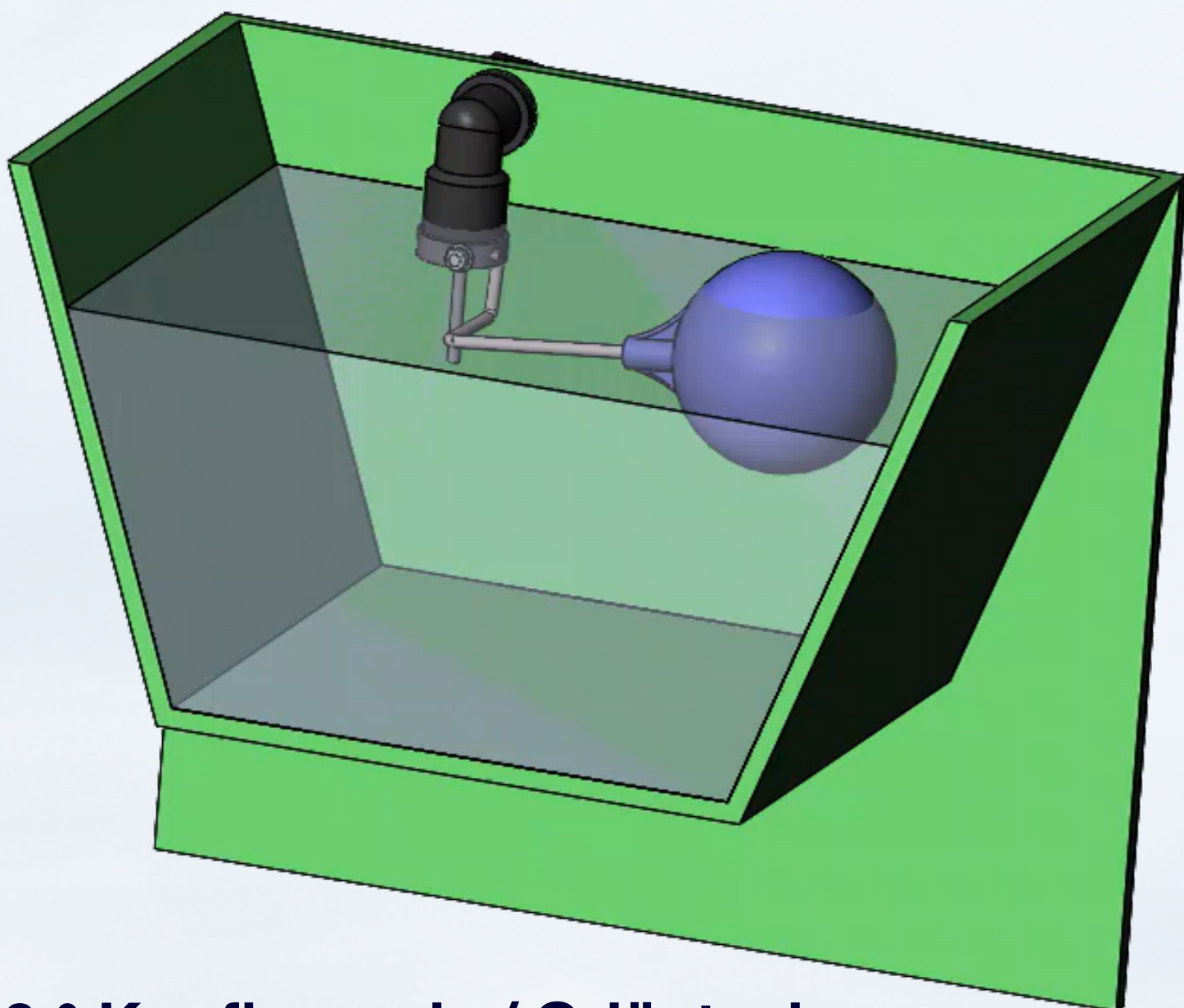
Die Eduan vlotter-klep, al in produksie vir 30 jaar, bevat nou 'n klepaanhegstuk en klephulsel, altwee vervaardig van ABS plastic vas geskroef sowel as met gom vasgesweis.

Unieke Eienskappe

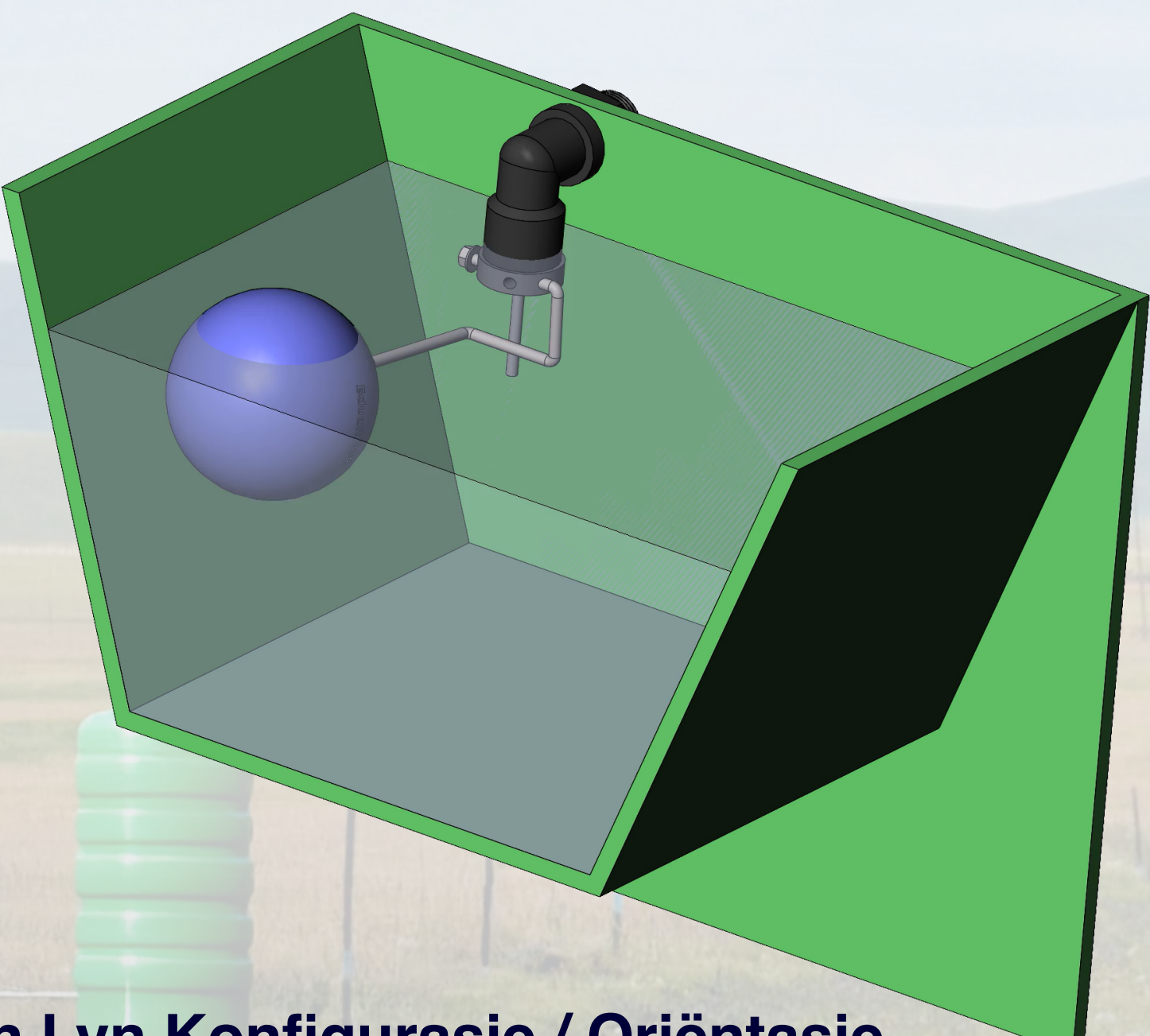
1. Die kompakte ontwerp maak installasie in klein spasies moontlik met gevolglike kostebesparing en laat ook 'n groter drinkspasie in krippe toe.
2. Die Eduan vlotter-klep lewer 'n sterk vloeitempo, ook by lae druk, byvoorbeeld:
21 L/min @ 50 kPa en 48 L/min @200 kPa
3. Die klep seël uitstekend by hoë-, sowel as lae druk en open volledig wanneer water invloei, om 'n vinige vloeitempo te verseker.
4. Die groot klep-opening waardeur die water vloei, skakel verstopping uit en met die kolk-aksie van die water spoel onsuiverhede, soos sand en organiese materiaal, malik uit.
5. Die rou materiaal wat gebruik word verhoed aankalking. Selfs slyk in die water word deurgespoel en veroorsaak geen verstopping nie.
6. Maksimum bedryfsdruk is **500 kPa**.
7. Duursame materiaal word deurgans gebruik: vlekvrystaal vir die bal-arm en klepstang. die sluitmoer, klepaanhegstuk en klephulsel van ABS, die vlotter van polipropileen en die seël van Neoprene.
8. Indien die bal beskadig sou word, sal die klep sluit en dus sal geen water uitlek en dus vermorsing verhoed.
9. As gevolg van die lae wrywing-slytasie werking gee dit die klep 'n lang operasionele leeftyd.
10. Alhoewel alle sorg gedurende vervaardiging geneem word om 'n goeie produk te produseer, kan die produk beskadig word wanneer die klep in vriestoestand funksioneer.

25mm EDUAN Vlotter-klep

Produk Kode: ETF25



90 ° Konfigurasie / Oriëntasie



In Lyn Konfigurasie / Oriëntasie

Nuwe en Verbeterde Ontwerp

Eduan-vlotterklep

Reeds meer as 35 jaar in betroubare produksie.

Eduan Tek het 'n nuwe Tweeledige konfigurasie ontwikkel wat spasie spaar in die krip.

- Nuwe innoverende ontwerp om 'n boer opsies te gee, waar vlotterklep geplaas kan word, in lyn of 90 ° met die inlaat.
- Nou verbeter met 'n nuwe sagte O-ring-seël vir verhoogde werkverrigting en duursaamheid.

Belangrike Verbeterings

1. Innoverende Ruimte besparing Tweeledige konfigurasie

- Eduan Tek het 'n nuwe innoverende vlotterklep ontwikkel met 'n ruimtebesparende tweeledige konfigurasie.
- Hierdie konfigurasie gee die boer die opsie waar om die vlotterklep in sy drinkbak te plaas.
- In lyn of 90° tot die inlaat.
- Hierdie nuwe konfigurasie is nóg 'n innoverende oplossing vir die Suid-Afrikaanse boer.

2. Verbeterde Seël vermoeë

- Die nuwe sagte O-ring vervang die vorige seël
- Verseker meer doeltreffende en konsekwente seëling tussen komponente.
- Verminder die risiko van lekkasies.

N.B. Die water in die bal moet nie verander of verwyder word nie. Hierdie vlotter-klep funksioneer onder die maksimum druk van 5 bar. By hoër druk sal die vlotter-klep toe bly.