Floating decanter for SBR tanks

Short description: Floating decanter for SBR tanks, stainless steel, no drive

Specification text

Supply and install, ready for operation, a floating decanter for an SBR tank, designed in accordance with the German DWA-M 210 guideline.

All parts in stainless steel 1.4571 (AISI 316Ti), alternatively 1.4404 (AISI 316L). Seals in EPDM.

Welded stainless steel float keeping the decanting chamber at a constant depth below the water surface. Decanting chamber with inlet slot and two weighted closing flaps: the flaps open passively by pressure difference during decanting and close under their own weight. Sealed during aeration and mixing, no activated sludge enters the decanting chamber.

No drive in or on the tank. Decanting controlled by others via a motorised valve in the outlet chamber or via the decant pump.

Rigid stainless steel outlet pipe with swivel bearings at the tank wall. Floor stand limiting the lowest position in the event of a fault. Support structure below the bottom water level, frost-proof down to -20 °C. Filling and venting device with ball valves.

Hydraulic data:
Decant rate: ..... m^3/h
Outlet pipe: DN .....
Water level variation (top to bottom water level): ..... m
Tank depth: ..... m

Options (to be specified as provisional items if required):
- Holder for MLSS/TSS probe on the float, removable from the tank edge, adjustable immersion depth
- Pressure sensor with protective tube
- Guide rails
- Flexible hose connection

Make: Rotaria KWA or approved equal
Make offered: .....
Type: .....

Quantity	..... no.
Unit price	..... EUR
Total price	..... EUR