

Well Cleaning Nozzle

self-rotating

Z 81-2e

01.05.2017

The regular cleaning and regeneration of deep water wells is essential for the water quality and the flow.

The best regeneration option is to clean the well using water at high pressure and using a specially developed well-cleaning nozzle. This well cleaning nozzle cleans both the inner walls of the pipes as well as the filter slots, and generates turbulence in the filter gravel bed which is responsible for separating the deposits in the filter gravel.

The nozzle is placed over the well by means of a support (f.e. a frame, etc.) and hanging on the HP-hose (including a safety line, not supplied).

By means of a special shaft sealing in front of the nozzle housings, penetration of sand and similar dirt particles during operation in the filled well is not possible. A jamming of the rotating nozzle housing on the shaft is thus excluded, as opposed to a pure pipe / sewer flushing nozzle.

The nozzle consists of 2 counter-rotating nozzle housings, into which the nozzle pipes with connection for round jet screw-in nozzles are inserted. A special packing sealing system inside the nozzle housings ensures the protection during operation and prevents the penetration of impurities.

In front and behind of the nozzle housings are so-called spacers (basket system), which prevent that the nozzle pipes are not hitting against the well wall.

Technical data

Part no.: 1010210
 Max. working pressure: 500 bar
 Max. flow rate: 200 l/min
 HP-connection: M 22x1.5 DKL
 (other pressure nipples on request)

Min. pipe (well) Ø 140 mm
 Max. quantity of nozzles: 4
 Threaded nozzles Form S G 1/4" (see page Z 42-1e)
 Length total ~ 870 mm
 Weight ~ 21.0 kg

Without set of nozzle tube (4pc.) and distance holder (6pc.)



Additional:

For tube Ø in mm	Set of Nozzle tube Part No.	Set of distance holder Part No.
150	xxx	7028801
200	7028809	7028802
250	7028810	7028803
300	7028811	7028804
350	7028812	7028805
400	7028813	7028806
500	7028814	7028807
1000	7028815	7028808

Further sizes and versions on request.

