

## Rotating Nozzle PRD 4000 for gun operation

Z 20-1e

01.05.2010

- The rotating nozzle achieves an even surface cleaning without streaks, due to its rotation
- Suitable for operation with lances, with thread M 14x1.5 left, with 59° cone using gland M 14x1.5 LH and pressure screw M 26x1.5
- Adjustable RPM 500-3500 min-1 because of the built-in eddy current brake
- Made of titan, high tensile aluminium & steel
- Protection hood  
(without nozzle inserts)



Part no.: 7018481

### Technical data

- Max. working pressure: 4000 bar
- Max. flow rate: 30 l/min
- Working speed: 500 - 3500 rpm
- Length: 175 mm
- Outer diameter: 75 mm
- Weight: approx. 1,6 kg
- Connection: M 26x1.5 autoclave
- Usable nozzle inserts: 2 or 4 straight jet insert nozzles Type 0965 - M 10  
The insert nozzles and plugs are not included in the component PRD 4000

### Applications

- Cleaning of surfaces and pipes
- Removal of paints and coatings
- Removal of concrete; laying bare reinforcements
- Cleaning and washing of concrete and stones

## Rotating Nozzle PRD 4000 for gun operation

Z 20-2 e

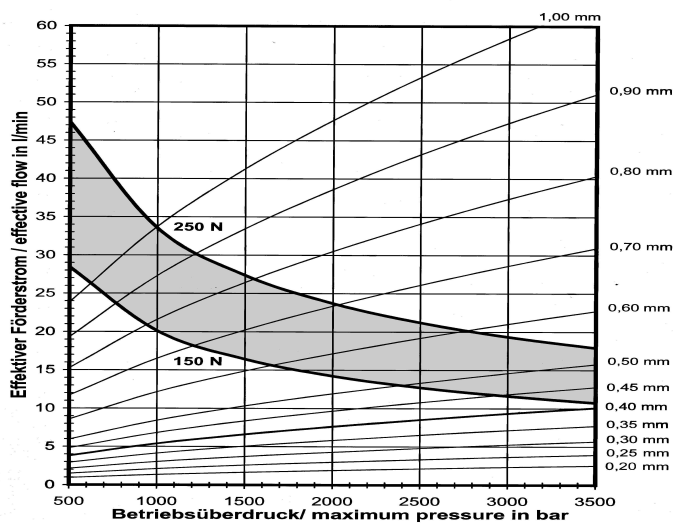
20.02.2014

### Nozzle selection:

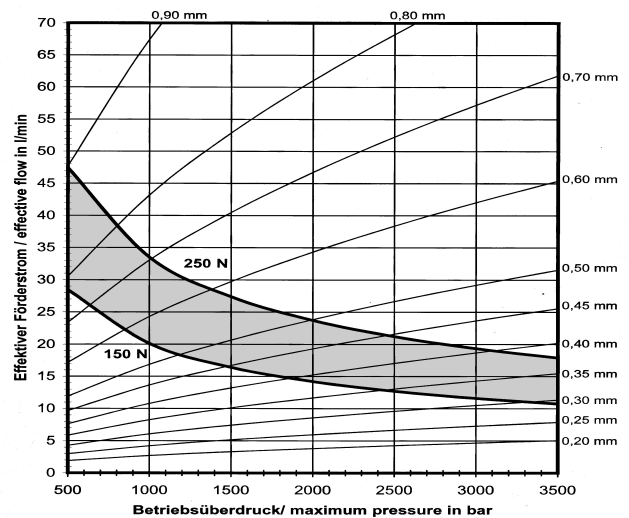
The rotating nozzle can be equipped with 4 screwed nozzles or with 2 screwed nozzles and 2 screwed plugs.  
For correct nozzle diameter selection use the operating diagram. The grey section of this diagram shows the permissible operating area of the nozzle.

### Operating diagram for nozzle selection

Funktionsdiagramm Rotationsdüse mit 2 Düseneinsätzen  
Operating diagram rotary nozzle with 2 nozzle inserts



Funktionsdiagramm Rotationsdüse mit 4 Düseneinsätzen  
Operating diagram rotary nozzle with 4 nozzle inserts



For hand-held operation of a spray gun the nozzle diameter must be selected to ensure that the reaction force in the longitudinal axis when used at the max. operating pressure does not exceed 250 N. If the reaction force is in excess of 150 N the gun must be equipped with a support, in compliance with the European Norm EN 1829.