

VENTURI NOZZLES



- The venturi nozzle is designed to evacuate large numbers of sand and solids that are alight in the bottom of the culvert.
- Operation is based on the venturi effect. The pressurized water flows through a nozzle internal nozzle exert reaction force for the advancement of the device, while sucking on the front of the water pipe that drags sand impulsandolas through the nozzle. The mixture is transported sand and water channelled through the pipe downstream toward the well has been introduced where the nozzle.
- For optimum performance is very important that the nozzle working fully in submerged conditions, the hose must be filled with water. The very water from the hose is used for cleaning. Thus, the volume of water trasvasado is five times greater than that provided by the pump. A pump of 300 l/min increase the flushing capacity of the nozzle to 1500 l/min. As a result enormous quantities of sand and gravel can be removed fast and efficiently.
- It ensures a smooth because cleaning nozzles do not work directly against the wall of the pipe. Giving result to a very appropriate tool for cleaning in poor or very old pipes.
- Their main application is cleaning large full surcharged pipes and drains from 500 mm up to 3000 mm diameter.
- Working pressure up to 200 bar.

Ref.	Min. Flow to 100 bar (l/min)	Applicability Ø Tube (mm)	Connection thread	Dimensions				Weight (Kg)
				Interior (mm)	Length (mm)	Wide (mm)	Height (mm)	
80.100A	300	400 - 1500	1"	125x100	420	260	220	17
80.125B	300	600 - 2000	1 1/4"	120x170	700	320	260	31
80.125D	600	1000 - 3000	1 1/4"	160x220	760	390	330	44

The length of the tool is indicated without hoses.

