

Bottom Discharge Valve

Valve for fluid production through and around the pump

APPLICATIONS

- Bottom-anchor insert pumps
- Wells with corrosive fluid
- Wells with low to moderate amounts of sand

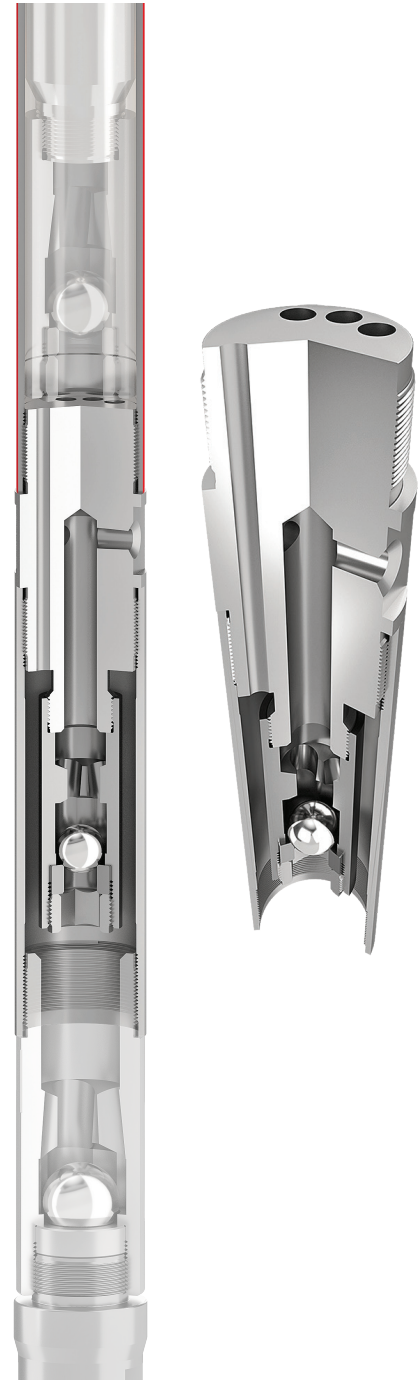
BENEFITS

- Prevents corrosive, stagnant fluid from attacking outside of pump
- Prevents solid material from settling on pump hold-down
- Enables maintaining full fluid production

FEATURES

- Available for 2 $\frac{3}{8}$ -in and 2 $\frac{7}{8}$ -in [60.325-mm and 73.025-mm] insert pump applications
- Designed with 1 $\frac{1}{4}$ -in and 1 $\frac{1}{2}$ -in [31.75-mm and 38.1-mm] cages

The Don-Nan bottom discharge valve is a two-component part placed on the barrel assembly between the standing and traveling valves. The valve acts as an intermediary valve that displaces approximately 10% of pumped fluid to the annulus between the outside of the pump and the tubing wall. This action moves fresh fluid past the exterior of the pump at the bottom end, keeping particulate matter from settling and sticking the pump as well as reducing adverse effects from corrosive fluid on the outside of the pump.



Don-Nan bottom discharge valve.