Bottom Discharge Valve
Valve for fluid production through and around the pump

APPLICATIONS
- Wells with corrosive fluid
- Wells with low amounts of gas
- 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 2¾-in and 2⅞-in [60.325-mm and 73.025-mm] insert pump applications
- Designed with 1¼-in and 1½-in [31.75-mm and 38.1-mm] cages

The bottom discharge valve is a two-component part placed on the barrel assembly between the standing and traveling valve. 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. The displaced fluid keeps particulate matter from settling and sticking to the pump and keeps fresh fluid moving past the exterior of the pump, greatly reducing the adverse effects of corrosive fluid.