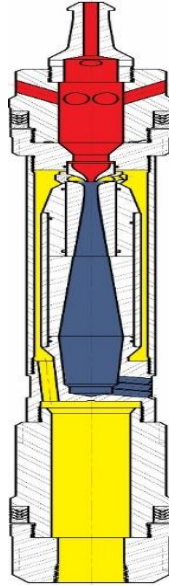




## GPT SLIDING SLEEVE JET PUMP

The GPT Sliding Sleeve Jet Pump is designed to facilitate adaptation to any size, make and model of sliding sleeve. The pump can be designed to allow power fluid injection down the tubing to the nozzle where well fluids enter the bottom of the jet and travel within the body of the pump to the mixing tube entrance. Mixed fluids discharge in the lower section between the two out seals.



**Standard Circulation Sliding Sleeve Jet Pump**

### **Gas Lift Mandrel Application**

The same model can be straddled packed in the deepest gas lift mandrel to operate in a similar fashion where production mixed with power fluid discharge out the gas lift pocket passages. Consideration of fluid volumes and flow passages can limit production capacity, but reverse flow options can improve limitations. The same pump can be threaded to small diameter tubing or coil tubing to anchor and seal within the production tubing in a fixed concentric tubing gas vented well completion to allow power fluid injection down the small diameter tubing, production flow up the production tubing annulus and gas flow up the casing annulus.

### **Reverse Flow Alternative**

The pump can also be furnished for reverse flow circulation where fluid is corrosive or has very high sand production or offshore application where produced fluid flow in the casing annulus is not desired.