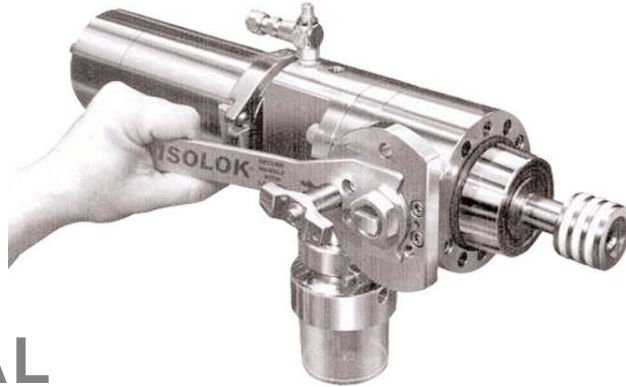




*The  
Sampling  
Connection*



## ISOLOK® SERIES SAL LIQUID SAMPLER

*Integral Valve Allows Removal from Pressurized Process Line*

### Specifications

Available sample volume per cycle, approx. ....	25cc, 16cc, 8cc
<small>*others available upon request</small>	
Maximum sample pressure .....	300 psig
Standard construction, Metal Parts .....	Type 316 and 17-4PH Stainless steel.
Actuator and static seals .....	Filled PTFE and Fluoroelastomer
Plunger seals .....	Polyurethane EPDM elastomer DuPont Kalrez Filled PTFE NBR VHMW
Line mounting options .....	Bolting hub pad ANSI or DIN flange
Service Required: Compressed air .....	60 PSI min.
Electricity (if electrical control or heater used) .....	115 VAC, 60 or 50 Hz
Dimensions, overall, approx. (less accessories) .....	15-7/8" L x 6"D
Net weight, approx. (less control or accessories) .....	33 lbs.

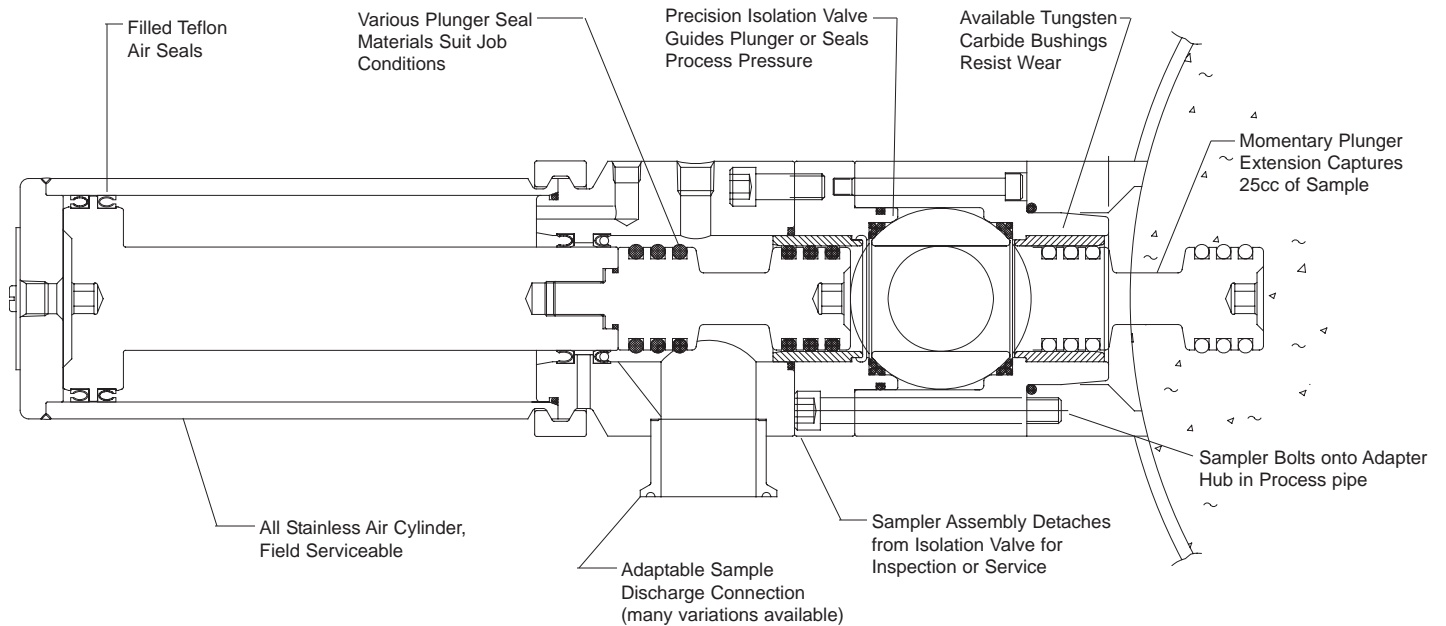
### Description

Reliable collection of accurate samples from continuously pressurized process lines can be readily accomplished with Series SAL Samplers. Each cycle collects a fixed displacement of liquid or slurry. The unique design integrates a ball valve into the two-piece body. When off-line inspection or maintenance is needed, the valve can be closed and the entire sampler removed while the process line remains in pressurized service. Metal parts are 316 stainless steel, while tough, thru-hardened 17-4PH is used for the isolation ball.

Optional construction includes other metal alloys and wear-resistant nickel-tungsten-carbide bushings through the body and valve bore. Some examples of process seals available include: polyurethane, EPDM or DuPont Kalrez.

Solids up to 3/8" major dimension can be accommodated from process lines up to 300 psi pressure. Series SAL Samplers bolt-mount onto machined pads welded to process pipes. Flange mounting is also available, along with a full line of controls and accessories.

## OPERATING FEATURES OF STANDARD SERIES SAL SAMPLERS



### SERIES SAL HANDLES TOUGH JOB CONDITIONS WITH PROVEN DESIGN.

ISOLOK® Samplers have a reputation for reliable service under tough job conditions. System at left handles oil sand slurry sampling on a continuous basis. Similar systems sample sand and gravel tailings lines. Note separate closure plate that caps valve when sampler is off line or also seals bolt hub if entire system is removed. Telltale ports on isolation valve allow pressure inspection before sampler is detached.



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*The Sampling Connection*