



# momentum

ENGINEERED SYSTEMS, INC.

## MP52/53 Series *Liquid Buffer/Barrier Fluid*



MP52

### MP52/53A

MP52 supports liquid buffer fluid for a containment seal chamber that is at a pressure less than the primary seal chamber pressure

MP53A supplies a liquid barrier fluid to the dual seal assembly at a higher pressure than the seal chamber

### FEATURES

- System designed to ASME code Section VIII Div. I, Section IX Weld Procedures
- ASME "U" stamp available National Board
- DFAR compliant materials
- Designed to MAWP of pump
- Removable head available



MP53A

*Standard 4-6 Week Delivery*

Momentum Engineered Systems

8305 Monroe Rd. • Houston, Texas USA

www.momentumsys.com • 832-804-7424

Member of:  
**Hydraulic**  
INSTITUTE



Navigate **iSYS**

**SELECT,  
CONFIGURE &  
BUY ONLINE**

www.momentumsys.com

# MP53 Series *Liquid Barrier Fluid*



53B Accumulator

## MP53B

External barrier fluid pressurized by a bladder accumulator. Supplies clean barrier fluid to the dual seal at a pressure greater than the seal chamber.

### FEATURES

- "U" stamp accumulator standard
- 5-10 gallon capacity
- Air or water cooled available
- Integral barrier fluid make up pump



53B Natural Convection



53C

## MP53C

External barrier fluid pressurized by a piston accumulator. Supplies clean barrier fluid to the dual seal at a pressure greater than the seal chamber.

### FEATURES

- Integral head porting eliminates pigtail design
- "U" stamp coded vessel design
- Magnetic level indication available

