

F/M 1502 SWING CHECK VALVES

1502 also known as a Flapper Check, provides directional fluid flow control to many oil-field applications where flow direction is critical in applications without large and or hard solids. Fluid may flow into the valve ONLY in the direction of the FREE FLOW ARROW (FFA) as the flapper is then pushed open and out of the way of the incoming flow. If fluid tries to enter the valve in the opposite direction of the FFA, the flapper will swing backwards until it hits the seal seat causing it to stop fluid flow. A properly sized and installed Relief Valve is recommended to eliminate system over pressure

The is rugged in design and construction. Machined from forged (not cast) low carbon alloy steel, the body is designed with top entry access to allow quick and easy servicing of all internal components. The internal flapper is machined from a hardened all metal casting. There is no elastomer on the flapper that can be damaged because it is in the fluid flow path. Thus there are no premature seal failures resulting in leaking valves that need to be repaired. The one piece flapper design means that there are no little pins or bushings to lose, break or to wear out. Just a smooth acting durable flapper. A replaceable low carbon alloy steel seat is precision machined to hold a commercially available o-ring to act as a valve seal and shields the o-ring from the harmful direct fluid flow. This means longer seal life. No more wor-ries that an elastomer seal will wash out and end up downstream stuck in other system components causing needless system shutdowns. Another feature that contributes to the long life of the valve is the replaceable filler block. The filler block fits into the bottom of the valve body and serves to collect and redirect the flow to the outlet, as well as protect-ing the bodies internal surfaces from wear. In the unlikely event that the cast filler block becomes worn, it can easily be replaced with no special tools or processes and the valve can quickly be placed back into service. No need to scrap an expensive valve / body. Just reuse the body over and over until the inlet and outlet wall thicknesses approach their minimum values

Swing Check Valves are available in 2" FIG 1502 Standard or Reverse Flow assemblies with or without a Hoist Ring in 1502 the cap. The Hoist Ring is used for ease of placement in applications or general movement of the valve from loca-tion to location. Not to be used for lifting anything other than the weight of the valv

