

NEW!

MEC Excelsior-Flange Series Sight Flow Swing Check Valve



ME874S-16
2"-4 BOLT FLANGE X 2"-4 BOLT FLANGE
SIGHT FLOW SWING CHECK VALVE

DESCRIPTION

The ME874S-16 Sight Flow Swing Check Valves feature our new modular Excelsior-Flange 4-Bolt Inlet/Outlet design that can be easily adapted to both NPT thread or socket weld type A companion flanges (ME840 & ME841 Series) from 1-1/4" - 2" in diameter making it universal to piping sizes within this range. MEC Sight flow valves are designed with the most durable, impact resistant glass in the industry. This sight flow valve allows bulk plant operators an inspection point to visually monitor liquid flow conditions which allows the operator to achieve maximum pump efficiency. They also features a soft seat swing away check valve which limits flow to one direction. This check valve is usually closed until pressure activates the valve when flow is directed into piping or containers causing the valve to open. When flow stops or reverses, the check returns to the closed position minimizing product loss in the event of a line failure.

Installing a sight flow valve upstream of a plant pump, allows the operator to observe product flow and make pump adjustments for maximum flow without the liquid forming vapor bubbles causing uneven flow patterns and significantly reducing efficiency. Additionally, installing a sight flow valve at the loading arm of a plant allows the operator to maintain consistent observation of pump conditions. This valve is suitable for stationary and mobile applications. Installing this valve on a compressor operation will provide a visual indication of when the tank car or transport is emptied of liquid and ready for vapor recovery.

FEATURES

- 4 bolt universal inlet / outlet flanges
- Specially formulated, large diameter, impact resistant sight glass with O-ring packing seals for maximum safety and visibility
- Durable ductile iron body with cadmium plated finish for maximum durability
- All stainless steel internal components for maximum corrosion resistance
- Integral swing check valve with soft seat to promote maximum product flow and minimize product loss in the event of a line failure
- Standard nitrile seat, available in Viton® or Kalrez®
- Listed for use with LP Gas and NH3 - 400 PSI / WOG
- For use with all Type A (ME840 & ME841 Series) companion flanges

Part No.*	Description	Inlet	Outlet	Mating Flange Type	Weight (lbs.)
ME874S-16	2" - 4 Bolt Double Flange Sight Flow Valve	4 Bolt Flange Type B	4 Bolt Flange Type B	A	16.0

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* "NC" indicates no check e.i. ME874SNC-16