Precision Aluminum Overfill Shutoff Valve for Underground Fuel Tanks

HY61SO-4000 Flip-type Remote Oil Unloading Overfill Prevention Valve

HY61SO Overfill Prevention Valve is designed to prevent the overfill of underground storage tanks by providing a positive shut-off of product delivery. The shut-off valve is an integral part of the drop tube used for gravity filling. It allows easy installation (without breaking concrete) and requires no special manholes. The HY61SO is a two-stage shutoff valve. When the liquid level rises to about 95% of tank capacity, the valve mechanism is released, closing automatically with the flow. This reduces the flow rate to approximately 5 gpm through a bypass valve. The operator may then stop the filling process and disconnect and drain the delivery hose. As long as the liquid exceeds the 95% level, the valve will close automatically each time delivery is attempted. If the delivery is not stopped and the liquid rises to about 98% of tank capacity, the bypass valve closes completely. No additional liquid can flow into the tank until the level drops below a reset point.

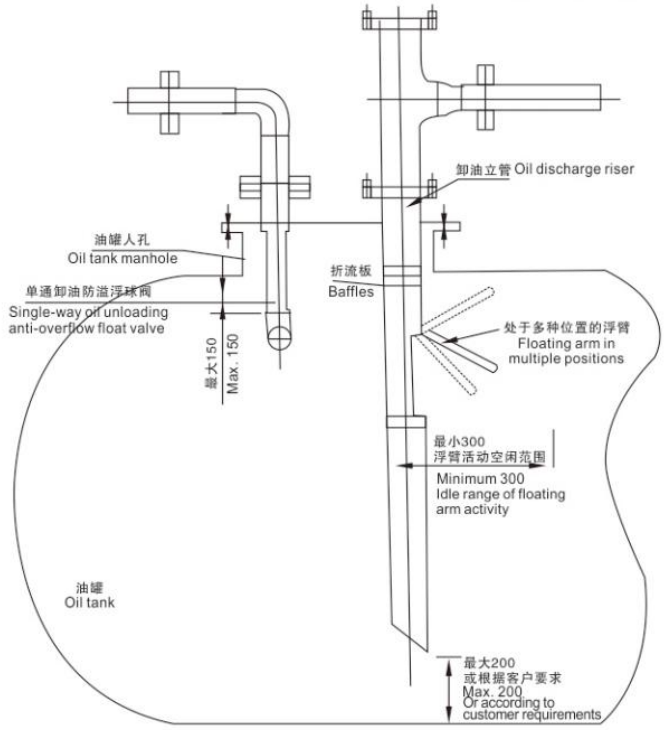
Materials:

Valve Body: Cast aluminum
Float: Nitrile rubber, closed cell foam
Valve: Aluminum
Seals: Viton
Upper & lower Drop Tube: Aluminum
Plastic parts: Acetal
Hardware: Stainless steel

Ordering Specifications:

Item No.	Description	Upper Tube	Lower Tube	Weight
HY61SO-4000	Remote	0.5 meter	2.0 Meters	7.5 Kgs

Note: Above item is our regular item which we usually have it in stock. The length of Upper Tube and Lower Tube can be produced to according to user's detailed requirement. The valve body, excluding the upper and lower pipes, can also be sold separately.



The HY61SO Series of Overfill Prevention Valves can be adjusted to shutoff at any desired tank capacity. Please contact our engineers and review local, state, and national codes to determine the regulatory requirements governing shut-off capacity in your region, as well as take into account other considerations such as extreme tank tilt. In all cases, the upper tube must protrude into the tank at least 6-1/2" to ensure that the valve can shut off flow into the tank completely before the top of the tank is wetted as per EPA requirements.

WARNING:
Failure to properly connect delivery hose and elbow, and/or disconnecting a liquid filled delivery hose or elbow will result in a hazardous spill, which may result in personal injury, property damage, fire, explosion, and water and soil pollution.