

TROUBLE SHOOTING D-060-C



SYMPTOM	CAUSE	CORRECTIVE ACTION
Paint chipped off and valve rejected by customer	The valve was thrown around in shipping or the packing was broken and the paint will crack to the metal base.	We recommend the local rep find matching paint for touch-up. If necessary return valve to ARI for replacement.
Valve leaking from automatic S-050-C	This may occur at start-up of a new system if the contractor did not flush the line before startup. There is some debris chamber of the rolling seal.	Instruct the end user to open the S-050-C and clean it out, and put it back in service. This requires ability of the Rep to explain, or to this for the customer
Flange bolt pattern does not match pipe connection.	1) The flange is Multi-standard and the customer is not familiar with this bolt pattern. 2) The wrong flange was sent from factory.	Inquire as to valve size, to determine if the flange is multi-standard. If so explain to customer. If the flange is not multi-standard, obtain template of bolt pattern with dimensions from the customer, in order to determine ASA standard. Replace valve as needed.
Valve slams shut when pumps start	The line pressure from the pump start up creates greater pressure under the valve and the float is closed by differently air pressure, instead of by water.	We recommend using a NS, or a larger valve. We recommend ARIavCAD analysis of system. Check if the S-050-C continues to release air after the kinetic float shuts, and pass all information on to ARI for determining correct valve.
Float full of water and valve does not seal	Defect in float weld	Check line pressures and water hammer problems with the end user, and replace the float. Recommend the poly-carbonate float. Or NS valve.
Valve leaking from middle seal, between body and cover.	O-ring not in place, or the sealing disc is not in place in the top cover. This occurs when the valve has been opened before installation, or if there is a defect in the casting.	Adjust seal to set in place. Check the o-ring seal, and sealing disc of the float assembly for damage. If damaged - replace valve.
Valve does not close and water is flowing out.	Valve is flooded at start-up by high pressure differential and drowns the float.	Check variable speed pumps sequence. This may affect the line pressure under the valve. Also this phenomenon can occur if the pipeline connection is smaller than the orifice of the valve.

