

Location: _____



ACV-UL-HF

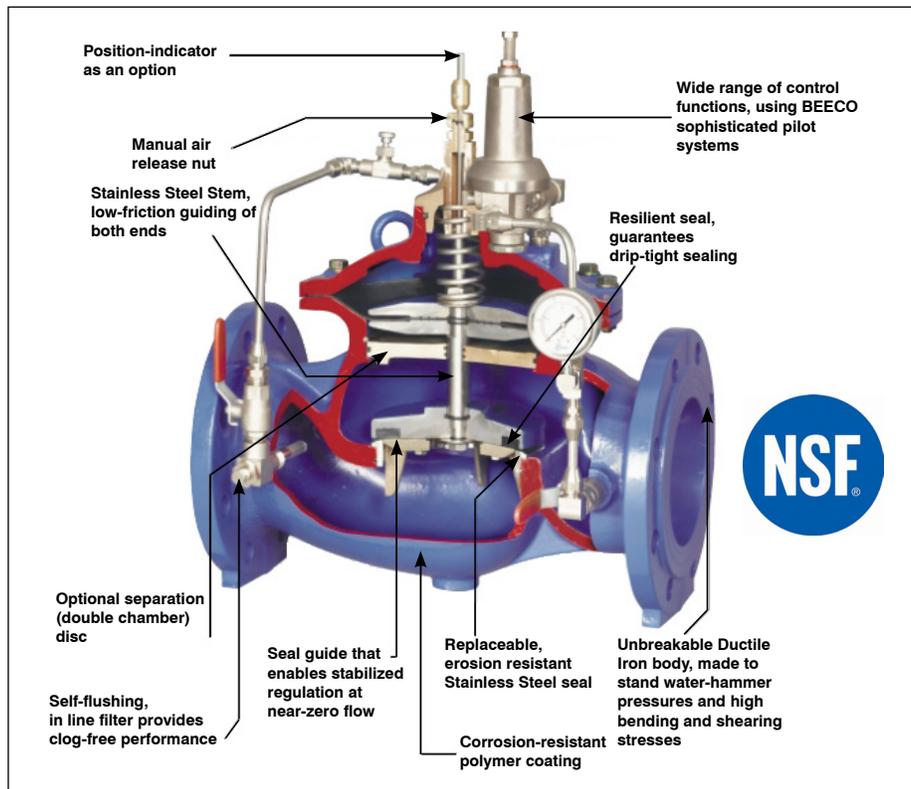
AUTOMATIC CONTROL VALVES HIGH FLOW UL

Specification: The Automatic Control Valve shall be a Ductile Iron Body and Cover design. The Valve shall have a resilient seal disc, guided top and bottom; Bottom guide will be vanes, sliding in a stainless steel seat arrangement, single seated line pressure operated, diaphragm actuated, pilot controlled, valve. The valve shall seal by means of a stainless steel seat. All parts are to be replaceable in the field without removing the valve from the line. All flange dimensions including face to face lengths shall conform to ISO Standards.

Function: Through the interchangeability of operating pilot the Beeco ACV can be used to perform any hydraulic control function such as pressure control and regulation, flow control, water level control, remote electric control and other functions or combination of functions. During the closing procedure, the pace slows down automatically, reducing or mitigating the risk for water hammer or surges in the line.

Features: The capability to regulate “near zero” flow, completely eliminates the need for special low flow devices such as throttling or plug type valves and there is no need for a low flow bypass valve. The internal floating shaft, allows for no friction or leakage eliminating the need for shaft sealing. The unique design of the shaft provides for easy field maintenance. All control ports are protected with Stainless Steel inserts. Valve shall have the ability to easily convert to a double chamber valve when needed, without changing the internal mechanism. Valve Trim shall be able to be serviced and lifted by hand, with no lifting machinery. Standard valve has a very low Cavitation Index without the need to add Anti-Cavitation devices. This is a great choice when UL Certification is required by designers’ specification. Several functions are available with UL certification among the large range of hydraulic control functions of the Series 300. A unique pilot regulator addresses the largest range of pressure with one spring. Dorot’s UL Valves work perfectly at very high flows with minimum pressure loss with no need for bypasses at low flow conditions; an extremely high cavitation index makes this valve an excellent choice for demanding situation and for long term projects.

Ratings: Flange Standard ANSI B16.1 Class 150, 250 PSI rating, Operating Velocity of 18 ft/sec, Water 33° F to 180° F. 350 psi rated valves are available upon request.



Model No.	Size
ACV2.50-UL-HF	2 1/2"
ACV3.00-UL-HF	3"
ACV4.00-UL-HF	4"
ACV6.00-UL-HF	6"
ACV8.00-UL-HF	8"
ACV10.00-UL-HF	10"
ACV12.00-UL-HF	12"

SUFFIX OPTIONAL VARIATIONS

- PR Pressure Reducing
- PS Pressure Sustaining
- EL Electric Actuated

SUFFIX OPTIONAL VARIATIONS

- EL-PS Electric Actuated Pressure Sustaining
- EL-PR Electric Actuated Pressure Reducing

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Job Name: _____ Page No: _____

Section No: _____ Contractor: _____

Schedule No: _____ Purchase Order No: _____