Location: _____

BEECO® Distributed by: MIFAB

ACV

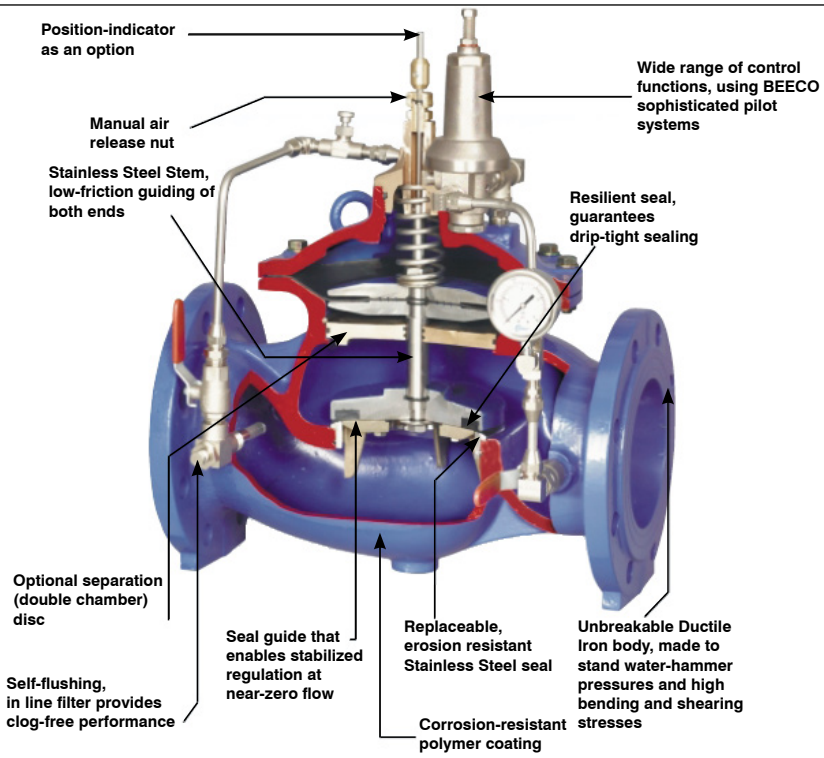
AUTOMATIC CONTROL VALVES REDUCED PORT

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 an economical solution when high performance is needed with some allowed headloss. Valve generates higher headloss than the HIGH FLOW Series, fact which might not be critical in pressure regulating functions. Beeco ACV have a unique ability to regulate near-zero demand flow without having to install a by-pass valve or adding special devices (such as V-ports or U-ports). Just install, set and forget. In addition, an extremely low cavitation index makes this valve an excellent choice for most demanding situations.

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	Model No.	Size
ACV2.50	2 1/2"	ACV10.00	10"
ACV3.00	3"	ACV12.00	12"
ACV4.00	4"	ACV16.00	16"
ACV6.00	6"	ACV20.00	20"
ACV8.00	8"	ACV24.00	24"

SUFFIX	OPTIONAL VARIATIONS
☐ -PR	Pressure Reducing
☐ -PS	Pressure Sustaining
☐ -EL	Electric Actuated
☐ -EL-PR	Electric Actuated Pressure Reducing
☐ -EL-PS	Electric Actuated Pressure Sustaining

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: _____