

# FLOWTREN ARC-R SEAT VALVES

Versions 7, 9, 77, 79, 97, and 99



# FLOWTREN D

SMARTER, FASTER FLUID HANDLING SOLUTIONS

## Flowtrend Replacement for the Alfa Laval® ARC Aseptic Seat Valve

- Air operated seat valve
- Sanitary, flexible design: stop valve with 2-3 ports, divert valve with 3-5 ports
- Remotely controlled with compressed air
- Reliable: few, simple moving parts
- Intended to be interchangeable with OEM

### Suitable for

The Flowtrend ARC -R valve is designed for aseptic conditions and high sterilization temperatures.

### Features

- Open yoke with visible stem coupler
- Specially designed PTFE/EPDM diaphragm stem seal creates a physical barrier between product and atmosphere
- PTFE resists product residue build up on product contact surfaces
- Polished surface areas minimize crevices that hide and trap bacteria
- Repairable actuator
- Standard stock item

### Materials

Materials	AISI 316 Stainless Steel, Wetted parts AISI 304 Stainless Steel, Non-Wetted parts
Surface Finish	ID: 32Ra Standard
Plug Stem	EPDM
Wetted Seals	PTFE/EPDM
Non-Wetted Seals	EPDM/NBR
End Connections	Clamp

### Technical Data

Available Sizes	1 1/2"-4" [25-101mm]
Pressure Range	0-116 psi [0-8 bar]
Temperature Range	14° to 285°F [-10° to 140°C] [EPDM]
Max Sterilization Temperature (steam short time)	302°F/55psi [150°C/3.8 bar]
Actuator Functions	NO [air-to-close], NC [air-to-open], AA [air-to-open, air-to-close]
Actuator Pressure	72-116 psi [5-8 bar]

\*Note: Vacuum is not recommended in aseptic applications. Activating valve without internal product pressure reduces life of the diaphragm unit.

### Options

- Butt weld end connections
- Control tops
- High Pressure [HP] Actuators
- Larger actuators for valve sizes 1.5"-2.5"



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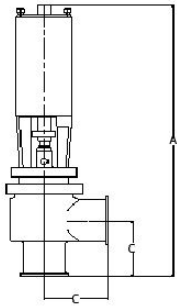
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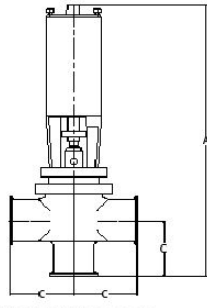
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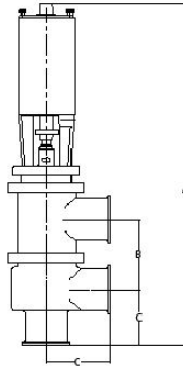
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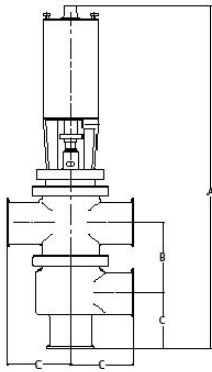
FLOWTREND ARC-7-R



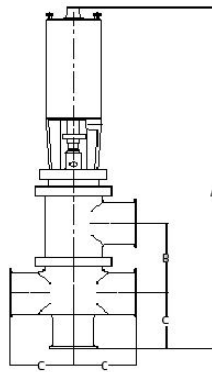
FLOWTREND ARC-9-R



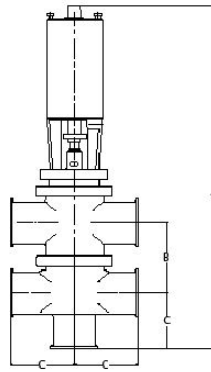
FLOWTREND ARC-77-R



FLOWTREND ARC-79-R



FLOWTREND ARC-97-R



FLOWTREND ARC-99-R

## FLOWTREND ARC-R SHUT-OFF & DIVERT VALVES

VALVE SIZE		A								B		C	
		Shut-Off Valves (NC)		Shut-Off Valves (NO)		Divert Valves (NC)		Divert Valves (NO)		Divert Valves			
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
1.5	38.1	14.61	371	15.08	383	17.40	442	17.99	457	3.11	79	1.81	46
2	50.8	15	381	15.47	393	18.70	475	19.45	499	3.70	94	2.44	62
2.5	63.5	16.34	415	16.81	427	20.71	526	21.61	549	4.45	113	3.23	82
3	76.2	18.98	482	19.76	502	24.06	611	24.96	634	5.08	129	3.43	87.1
4	101.6	21.81	554	22.60	574	27.71	704	28.62	727	6.42	163	5.28	134.1



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