

# VALVE DATA SHEET



Issue 2.14 Rev.112502

## CUSTOMER INFORMATION:

Contact Name:	Company:
Phone:	Address:
Fax:	Address:
e-mail:	Distributor/Representative:

## OPERATING CONDITIONS:

Description of Flow Media and Chemical Composition:

Description of Valve Application:

Flow Media Temperature: Minimum:          Normal:          Maximum:           °F  °C

Flow Media Density:          lbs/gal    Solids in Flow Media:          w-%

Flow Media pH:          Maximum Line Pressure:          psi    Pressure against which Valve is Closed:          psi

*(Max. Line pressure is assumed to be only on one side of the closed valve – if both sides inform of pressures, as it affects actuator size!)*

Valve mostly  Open  Closed. Pipeline Cleaning:  Steam Cleaned  Flushed with

Valve Function:  On/Off or  Control (please fill in additional Control Valve Data) Number of cycles:

Pipeline:  Horizontal  Vertical (If vertical, then flow direction is  Up or  Down)

Type/Brand of existing valve

Problem with the existing Valve

Additional Information

## VALVE INFORMATION:

Line size:          Number of Valves:          Flange Drillings:

aiRFlex®           air actuated design    [Available plant air supply pressure min.:          - max.:          psi]

RF Valve® Actuation:     Manual    [Chain wheel operated:  ]

Pneumatic    [minimum available plant air supply pressure:          psi]

Hydraulic    [minimum available supply pressure:          bar]

Electric    [supply current:          Volt;          Hz;          Phase ]

## Accessories:

Needed Fail Position:     Fail Open (default of pneumatic/hydraulic RF Valve and aiRFlex)

Fail in position (default for electric valve)

Fail Close     @ loss of power (decided by setting of solenoid valve)

@ loss of air:     Pneumatic air spring  Mechanical spring

Limit Switches:     Valve Open     Valve Closed           Both

Handwheel Lockout           Manual Override required           Opening Tags

Solenoid Valve for the actuator     110VAC or  24VDC     Manual Air Valve

Elastomer Tube Wear Indicator Wire Control Box:           Other:

## CONTROL VALVE DATA

Flow Rate in GPM: Minimum:          Normal:          Maximum:          Viscosity

Maximum pressure drop across valve ( $\Delta P$ ):          psi          Specific Gravity of Flow Media:

Positioner input signal: 3-15 psi     or 4-20 mA     Increasing signal opens  or closes  the valve