

Dome Valve

The RULA Dome Valve is a very versatile Pressure Vessel filling and discharge valve for dry free flowing non-sticking bulk materials. The Dome Valve's unique design allows the dome to cut through material during opening and closing. The dome is driven by a pneumatic actuator.

An inflatable seal ensures a perfect closure.

These functions are controlled by a control box with a programmable PLC.

Types Manufactured

RULA manufactures two different types of Dome Valves:

- Valve with Cast Iron Housing and Cast steel dome
- · Valve with machined / fabricated Housing

Design Features

- Programmable PLC will give an alarm when the seal does not inflate to its pressure setpoint
- PLC will give an alarm when valve does not reach its open or close position
- The inflatable Seal is protected and out of the material flow stream
- Relatively simple and very robust design with minimal movable parts
- When open the dome moves out of the material flow opening the entire cross section of the valve for material flow

Specifications

SG42 / 300WA SG42 / 300WA Main Valve Body Top Flange GS38 / 300WA Dome **Bushes** SG42 / Bronze Inflatable Gasket / Seal Silicone O rings Viton

Sizes

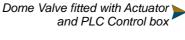
- Valves are purpose made in any size and shape to fit plant requirements
- Drilling arrangement to suit plant interface

Operating & Maintenance

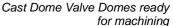
- The valves are Operator and Maintenance friendly
- A complete Operating & Maintenance manual is available













Dome Valve pressure tested and ready for dispatch









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