VORTEX® QUICK CLEAN ORIFICE GATE™

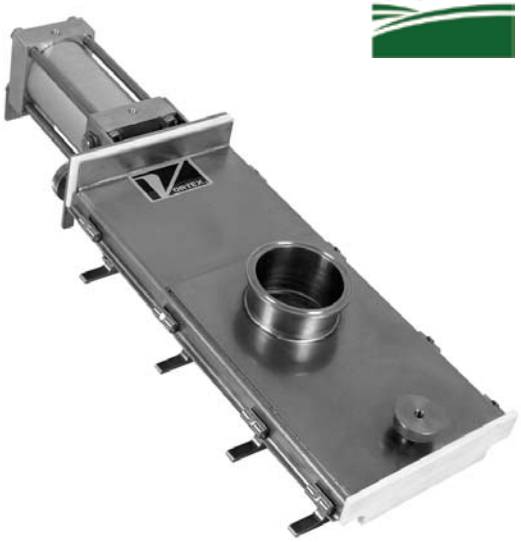
The Vortex® Quick Clean Orifice Gate™ is a Clean Out of Place gate valve designed for frequent cleaning. The valve features a full-port opening and self-cleaning design. It can be disassembled and assembled in minutes without any tools. The valve can be modified to a USDA Dairy Standard Accepted rating and is an excellent choice for applications requiring daily sanitation of equipment. The Quick Clean Orifice Gate™ is designed to eliminate problems, enabling you to meet your objectives by increasing production, while decreasing labour and equipment costs.

Vortex® Quick Clean Orifice Gate™ Features

- FDA Approved Materials, USDA Dairy Standard Accepted Available
- Positive Seal of Dust and Fine Powders
- Valve Internals Accessed without Tools
- Easy Installation and Maintenance

Valve Specifications

Size/Bore Options	50mm to 200mm Diameters
Media	Powder, Pellets, Granulars
Connection	Ferule Connection, and/or Tube Stub
MediaTemperature	Up to 82°C continuous service, Modifications allow up to 121°C continuous service
Media Pressure	0 barg, Gravity Flow Only
Metal Construction Options	304 or 316L Stainless Steel Valve Body
Seal/Seat Material Options	PET, Silicon Sponge, and/or USDA Dairy rated Silicon
Drive/Actuation Options	Double Acting Air Cylinder with Solenoid Operated Air Control Valve
Position Confirmation	Magnetic Reed Switch
Compliance/Approvals	CE, ATEX, FDA, USDA
Industry Use	Pharmaceuticals, Pigments, Chemicals, Dairy



Patent No. 5938175

Application Specific Modifications

S	Material contact is 316L stainless steel.
NP	Nickel plated aluminium air cylinder.
SAN	USDA Dairy Standard Accepted.

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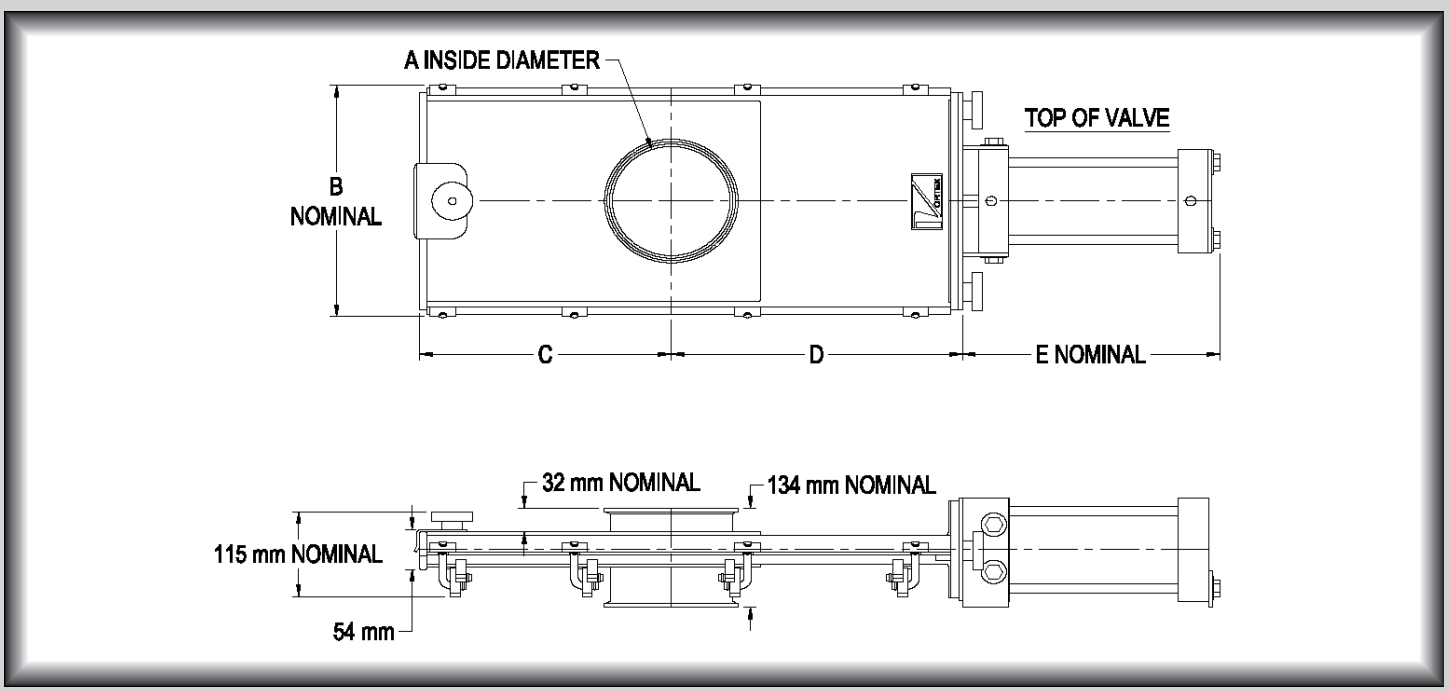
VORTEX® QUICK CLEAN ORIFICE GATE™ DIMENSIONAL INFORMATION



Model	Tube Size	A	B	C	D	E	WT (kg)
Q02	51	48	203	162	213	213	14
Q03	76	73	232	200	251	238	18
Q04	102	98	260	238	289	264	23
Q05	127	124	286	276	327	295	27
Q06	152	149	311	314	365	321	36
Q08	203	200	359	391	441	371	50

All dimensions are in mm, Information subject to change without notice.