

CDC Salesforce – Rupture Disc Holders Configurator User Guide



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1. CONFIGURING RUPTURE DISC HOLDERS

User is navigated to **Product Configuration** tab.

The Product Configuration tab includes the following sections:

- a. Rupture Disc Specification
- b. Certifications
- c. Product Selection
- d. Component Material and Option Selection
- e. Cleaning, Markings and Testing

The section can be expanded and collapsed by clicking on the arrow beside every section header



Clicking on “Return to Quote” button navigates the user to Quotes detail page

1.1. Section-1: Rupture Disc Specification

Note: This section is optional, it is used to help match the correct holder to the mating rupture disc.

1. Select data in fields - Size, Rupture Disc Product and Seat from the drop-down box.
2. Enter values for Rupture Disc Burst Pressure and Rupture Disc Burst Temperature
3. Select data in fields - Rupture Disc Burst Pressure Units and Rupture Disc Burst Temperature Units from the drop-down box.
4. Do not click on **Save & Continue** button

An alert is displayed on top of the screen when user does not click on **Save & Continue** button. This must be acknowledged to proceed by clicking **Save & Continue** button.

Return to Quote

Unsaved Changes on "Rupture Disc Specification"

Rupture Disc Specification
 Size: 4" (100mm) | Rupture Disc Product: CDC
 Seat: --None--
 Rupture Disc Burst Pressure: 100 | Rupture Disc Burst Pressure Units: psig
 Rupture Disc Burst Temperature: 72 | Rupture Disc Burst Temperature Units: Deg F

Save & Continue

Note: An alert is displayed on top of the screen when user clicks anywhere in the UI section without having first clicked the "Save & Continue" button in the previous UI sections

5. Click on **Save & Continue** button

1.2. Section-2: Certifications

2. Select checkbox and data in Certification drop-down box
3. Click on **Save & Continue** button

Certifications
 ASME Section VIII | CSA Markings
 ATEX Certificate
 GOST / CUTR Compliance | CE & PED Compliance
 KOSHA Compliance | NACE Compliance: --None--
 3A Sanitary Standards | China Manufacturing License: --None--

Save & Continue

1.3. Section-3: Product Selection

2. Select data in fields – Size Units, Holder Product, Bolting Class, Inlet connection, Outlet Connection, Holder Max Pressure Units
 - The value for Size field is auto populated based on the Flow Rate input entered in Section-1: Rupture Disc Specification
3. Enter data in Quantity field
4. Click on **Save & Continue** button to proceed further

Product Selection
 Size Units: US Units | Size: 3" (80mm)
 Holder Product: CAL-VAC Sanitary Fitting | Bolting Class: 100 PSIG
 Inlet Connection: None | Outlet Connection: None
 Holder Max Pressure Units: psig | Quantity: 1

Save & Continue

Note: All the mandatory fields in this section marked with asterisk (*) are and an error message will display if user clicks on the [Save & Continue] button without entering data in any/some of the mandatory fields

The screenshot shows a 'Product Selection' form with a red header bar that reads 'Please enter all the mandatory fields'. The form contains several dropdown menus and input fields, all marked with an asterisk (*) to indicate they are mandatory. The fields are: Size Units (US Units), Holder Product (CAL-VAC Sanitary Fitting), Inlet Connection (None), Holder Max Pressure Units (None), Size (3" (80mm)), Bolting Class (100 PSIG), Outlet Connection (None), and Quantity (1). A red box highlights the 'Holder Max Pressure Units' dropdown, which is currently set to '--None--'. A callout bubble points to this dropdown with the text 'No value selected'. A blue 'Save & Continue' button is located at the bottom center of the form.

1.4. Section-4: Component Material and Option Selection

2. Select data in each subsection fields – Companion Flange Material, Gasket Material, Outlet Material, Body Material, Studs and Nuts
3. Click on **Save & Continue** button to complete the configuration

The screenshot shows the 'Component Material and Option Selection' form. It is divided into four sections: 'Outlet', 'Clamp', 'Inlet', and 'Additional Accessories'. Each section has a dropdown menu for material selection. The 'Outlet' section has 'Outlet Material' set to '316 SS' and a 'Clear' button. The 'Clamp' section has 'Clamp Material' set to '304 SS'. The 'Inlet' section has 'Inlet Material' set to '316 SS' and 'Knifeblade Material' set to '316 SS', with a 'Clear' button below. The 'Additional Accessories' section is currently empty. A blue 'Save & Continue' button is located at the bottom center of the form.

Note: Additions fields are exposed based on the above material selection.

Component Material and Option Selection

▼ Outlet

Outlet Material: 316 SS
 Gauge Tap: 1/4" FPT
 Eyebolts Outlet: Eyebolt Drilling
 Eyebolt Material Outlet: Carbon Steel
 Facing: None
 Coating: Fluoropolymer Coating

GAUGE RELATED SECTION

Nipple: Nipple, SCH 40 - 1/4" Diameter - 6" Long - 316 SS - No Restrictions - No Options - No Testing
 Tee: Tee 1/4 150 Class 316 SS
 Reducing Bushing: 1" x 4" - 316 SS
 Excess Flow Valve: Excess Flow Valve 1/4-in MPT X 1/4-in FPT 316 SS
 Select UOM/ Press Range: Psig - 0-160
 Select Physical Properties: Regular - 2 1/2" Face w/ 1/4" MPT Connection
 Select Tube/ Case Material: 020

Clear

Note: By adding a gauge tap to either the Outlet or Midflange an additional section for accessories is offered which is optional.

1.5. Section-5: Cleaning, Markings and Testing

1. Select data in fields – Final Assembly Location Requirements, Material Sourcing Requirements, Cleaning, Markings, Shell Testing and PMI
2. Click on **Finish Configuration** button to complete the configuration

▼ Cleaning, Markings and Testing

Final Assembly Location Requirements: USA only
 Material Sourcing Requirements: No Restrictions (Default)
 Cleaning/Markings: SC 10214 Blue Gold* MP-4005
 Shell Testing:
 PMI: Confirm Alloy Type

Finish Configuration

4. Product is configured and user is re-directed to **Product Review** tab

Product Review Product Image

[Return to Quote](#) [Return to Product Selection](#)

✓ List Price Each
 Discountable Price Each = \$9999999
 Non - Discountable Lot Charge = \$0.00
 Total = \$9999999

✓ Lead-Time (Working Days)

| SITE 10 | SITE 20 | SITE 30 | SITE 40 |
|---------|---------|---------|---------|
| 40 | 7777 | 7777 | 7777 |

✓ Product Description
 (1") 25mm UNISERT Continental Disc Holder
 For 150# ASME Bolting
 304 SS Outlet
 Test-11
 Alloy C22 Inlet

- Return to Quote** navigates to Quote details Page
- Return to Product Selection** navigates to Configure page with read-only mode

[Return to Quote](#) [To Product Review](#) [Edit](#)

✓ Rupture Disc Specification

Size: Rupture Disc Product:

Seat:

Rupture Disc Burst Pressure Rupture Disc Burst Pressure Units psig
 Rupture Disc Burst Temperature 72.0000000000 Rupture Disc Burst Temperature Units Deg F

2. EDITING A CONFIGURED PRODUCT

1. Click on **Product Configuration** tab and observe the following:
 - a. The screen becomes **read-only**
 - b. The read-only screen has no **Save & Continue** or **Finish Configuration** buttons
 - c. The **Return to Quote** button is visible on the top left
 - d. **Edit** is visible button on the top right of the screen

The screenshot displays a product configuration interface with the following sections and fields:

- Buttons:** "Return to Quote" (top left) and "To Product Review" and "Edit" (top right).
- Rupture Disc Specification:**
 - Size: 3" (80mm)
 - Rupture Disc Product: --None--
 - Seat: --None--
 - Rupture Disc Burst Pressure: 100.0000000000
 - Rupture Disc Burst Pressure Units: psig
 - Rupture Disc Burst Temperature: 72.0000000000
 - Rupture Disc Burst Temperature Units: Deg F
- Certifications:**
 - ASME Section VIII:
 - ATEX Certificate:
 - GOST / CINTR Compliance:
 - KOSHA Compliance:
 - 3A Sanitary Standards:
 - CSA Markings:
 - CE & PED Compliance:
 - NACE Compliance:
 - China Manufacturing License:
- Product Selection:**
 - Size Units: US Units
 - Holder Product: CAL-VAC Sanitary Fitting
 - Inlet Connection: None
 - Holder Max Pressure Units: psig
 - Size: 3" (80mm)
 - Boiling Class: 100 PSIG
 - Outlet Connection: None
 - Quantity: 1
- Component Material and Option Selection:**
 - Outlet:** Outlet Material: 316 SS
 - Clamp:** Clamp Material: 304 SS
 - Inlet:** Inlet Material: 316 SS; Knifeblade Material: 316 SS
- Additional Accessories:** (Section header)
- Cleaning, Markings and Testing:**
 - Final Assembly Location Requirements: USA only
 - Cleaning/Markings: SC 10214 Blue Gold* MP-4005
 - PMI: Confirm Alloy Type
 - Material Sourcing Requirements: No Restrictions (Default)
 - Shell Testing:

2. Clicking on **Edit** button allows -
 - a. View the values the user has already configured
 - b. The user to edit the product

- a. View the values the user has already configured
 - i. A PDF document appears in a pop-up window which contains all the configured details of Quote Line
 - ii. The header of the pop-up PDF page shows the quote line number, user's name, and user's current date, time, and time zone
 - iii. The pop-up PDF page contains all data-entry fields on the Product Configuration tab and their currently set values. Values are as displayed to the user

Holder Input Values For Quote Line QL-0009832
Generated by Nikhil Arpally at 10/14/2020 3:28 AM [America/El_Salvador]

Rupture Disc Specification

Size : 0300
Rupture Disc Product :
Seat :
Rupture Disc Burst Pressure : 100.0000000000
Rupture Disc Burst Pressure Units : psig
Rupture Disc Burst Temperature : 72.0000000000
Rupture Disc Burst Temperature Units : Deg F

Certifications

ASME Section VIII :
CSA Markings :
ATEX Certificate :
GOST / CUTR Compliance :
CE & PED Compliance :
KOSHA Compliance :
NACE Compliance :
3A Sanitary Standards :
China Manufacturing License :

Product Selection

Size Unit : US Units
Size : 3" (80mm)

Holder Product : CAL-VAC Sanitary Fitting
Bolting Class : 100 PSIG
Inlet Connection : None
Outlet Connection : None
Holder Max Pressure Units : psig
Quantity : 1

Component Material and Option Selection

Outlet

Outlet Material : 316 SS

Clamp

Clamp Material : 304 SS

Inlet

Inlet Material : 316 SS
Knifeblade Material : 316 SS

Additional Accessories

Cleaning, Markings and Testing

Final Assembly Location Requirements : USA only
Material Sourcing Requirements : No Restrictions (Default)
Cleaning/Markings : SC 10214 Blue Gold®
MP-4005
Shell Testing :
PMI : Confirm Alloy Type

- b. Edit the product
 - i. The screen becomes editable
 - ii. **Cancel** button is visible button on the top right of the screen

- iii. Save & Continue or Finish Configuration buttons re-appear to allow user to make changes and reconfigure the product

Return to Quote To Product Review **Cancel**

▼ Rupture Disc Specification

| | | | |
|--------------------------------|----------------|--------------------------------------|----------|
| Size | 3" (80mm) | Rupture Disc Product | --None-- |
| Seat | --None-- | Rupture Disc Burst Pressure Units | psig |
| Rupture Disc Burst Pressure | 100.0000000000 | Rupture Disc Burst Temperature Units | Deg F |
| Rupture Disc Burst Temperature | 72.0000000000 | | |

Save & Continue

▼ Certifications

| | | | |
|------------------------|-------------------------------------|-----------------------------|--------------------------|
| ASME Section VIII | <input type="checkbox"/> | CSA Markings | <input type="checkbox"/> |
| ATEX Certificate | <input type="checkbox"/> | CE & PED Compliance | <input type="checkbox"/> |
| GOST / CUPR Compliance | <input type="checkbox"/> | NACE Compliance | --None-- |
| KOSHA Compliance | <input type="checkbox"/> | China Manufacturing License | --None-- |
| 3A Sanitary Standards | <input checked="" type="checkbox"/> | | |

Save & Continue

▼ Product Selection

| | | | |
|---------------------------|--------------------------|-------------------|-----------|
| Size Units | US Units | Size | 3" (80mm) |
| Holder Product | CAL-VAC Sanitary Fitting | Boiling Class | 100 PSIG |
| Inlet Connection | None | Outlet Connection | None |
| Holder Max Pressure Units | psig | Quantity | 1 |

Save & Continue

Component Material and Option Selection

▼ Outlet

Outlet Material: 316 SS

Clear

▼ Clamp

Clamp Material: 304 SS

▼ Inlet

Inlet Material: 316 SS Knifeblade Material: 316 SS

Clear

▼ Additional Accessories

Save & Continue

▼ Cleaning, Markings and Testing

| | | | |
|--------------------------------------|-----------------------------|--------------------------------|-------------------------------------|
| Final Assembly Location Requirements | USA only | Material Sourcing Requirements | No Restrictions (Default) |
| Cleaning/Markings | SC 10214 Blue Gold® MP-4005 | Shell Testing | <input checked="" type="checkbox"/> |
| PMI | Confirm Alloy Type | | |

Finish Configuration

3. OUTPUTS

There are two output tabs:

- a. Product Review
- b. Product Image

3.1. Product Review Tab

- 1. Click on **Product Review** tab

The Product Review tab will summarize the **Pricing, Lead Time,** and **Product Description** information in three individual sections.

- Pricing will be broken down by pricing element
- Lead times broken down by site
- Product description will be composed of the individual descriptions for elements of the product structure

The screenshot shows the 'Product Review' tab interface. At the top, there are two tabs: 'Product Review' (selected) and 'Product Image'. Below the tabs are two buttons: 'Return to Quote' and 'Return to Product Selection'. The main content is divided into three sections, each with a dark blue header and a downward arrow:

- List Price Each**:
 - Discountable Price Each = \$9999999
 - Non - Discountable Lot Charge = \$0.00
 - Total = \$9999999
- Lead-Time (Working Days)**:

| SITE 10 | SITE 20 | SITE 30 | SITE 40 |
|---------|---------|---------|---------|
| 40 | 7777 | 7777 | 7777 |
- Product Description**:

(1") 25mm UNISERT Continental Disc Holder
For 150# ASME Bolting
304 SS Outlet
Test-11
Alloy C22 Inlet

3.2. Product Image Tab

1. Click on **Product Image** tab

The Product Image tab will display the configured Holder product diagram and dimensions.

Product Review **Product Image**

Product Diagram

Diagram Info

Change made to a configurator drawing

Drawing to be created outside of Config

| | | |
|-----------|-------------|-------------|
| DrawingID | 1003 | 1003 |
| DimA | 2.50 [63.5] | 2.50 [63.5] |
| DimB | 1.15 [29.2] | 1.15 [29.2] |
| DimC | 1.76 [44.7] | 1.76 [44.7] |
| DimD | | |
| DimE | | |
| DimF | | |