

CDC Salesforce – Rupture Disc Holders Configurator User Guide



Published Date:

November 2020

Table of Contents

1. CONFIGURING RUPTURE DISC HOLDERS	3
1.1. Section-1: Rupture Disc Specification	3
1.2. Section-2: Certifications.....	4
1.3. Section-3: Product Selection.....	4
1.4. Section-4: Component Material and Option Selection	5
1.5. Section-5: Cleaning, Markings and Testing	6
2. EDITING A CONFIGURED PRODUCT.....	8
3. OUTPUTS.....	11
3.1. Product Review Tab	11
3.2. Product Image Tab.....	12

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

The screenshot shows the Product Configuration tab interface. At the top left is a 'Return to Quote' button. Below it are five expandable sections, each with a chevron icon on the left and a 'Save & Continue' button on the right. The sections are: 'Rupture Disc Specification', 'Certifications', 'Product Selection', 'Component Material and Option Selection' (which is expanded to show an 'Additional Accessories' sub-section), and 'Cleaning, Markings and Testing' (which has a 'Finish Configuration' button instead of 'Save & Continue').

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

Size4" (100mm)

Rupture Disc ProductCDC

Seat--None--

Rupture Disc Burst Pressure100

Rupture Disc Burst Pressure Unitspsig

Rupture Disc Burst Temperature72

Rupture Disc Burst Temperature UnitsDeg 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
ATEX Certificate
GOST / CUTR Compliance
KOSHA Compliance
3A Sanitary Standards

CSA Markings
CE & PED Compliance
NACE Compliance
China Manufacturing License

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 *
Holder Product *
Inlet Connection *
Holder Max Pressure Units *

Size
Bolting Class *
Outlet Connection *
Quantity *

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*

Please enter all the mandatory fields

Product Selection

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

Quantity *

1

No value selected

Save & Continue

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

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

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

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

Return to Quote

To Product Review

Edit

▼ Rupture Disc Specification

Size

--None--

▼

Rupture Disc Product

--None--

▼

Seat

--None--

▼

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

Return to Quote

To Product ReviewEdit

▼ Rupture Disc Specification

Size3" (80mm)

Rupture Disc Product--None--

Seat--None--

Rupture Disc Burst Pressure100.0000000000

Rupture Disc Burst Pressure Unitspsig

Rupture Disc Burst Temperature72.0000000000

Rupture Disc Burst Temperature UnitsDeg F

▼ Certifications

ASME Section VIII☐

ATEX Certificate☐

GOST / CUTR Compliance☐

KOSHA Compliance☐

3A Sanitary Standards☒

CSA Markings☐

CE & PED Compliance☐

NACE Compliance☐

China Manufacturing License☐

▼ Product Selection

Size UnitsUS Units

Holder Product *CAL-VAC Sanitary Fitting

Inlet Connection *None

Holder Max Pressure Unitspsig

Size3" (80mm)

Boiling Class *100 PSIG

Outlet Connection *None

Quantity1

Component Material and Option Selection

▼ Outlet

Outlet Material316 SS

▼ Clamp

Clamp Material304 SS

▼ Inlet

Inlet Material316 SS

Knifeblade Material316 SS

▼ Additional Accessories

▼ Cleaning, Markings and Testing

Final Assembly Location RequirementsUSA only

Cleaning/MarkingsSC 10214 Blue Gold* MP-4005

PMIConfirm Alloy Type

Material Sourcing RequirementsNo 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

Size3" (80mm)

Rupture Disc Product--None--

Seat--None--

Rupture Disc Burst Pressure100.0000000000

Rupture Disc Burst Temperature72.0000000000

Rupture Disc Burst Pressure Unitspsig

Rupture Disc Burst Temperature UnitsDeg F

Save & Continue

▼ Certifications

ASME Section VIII☐

ATEX Certificate☐

GOST / CUTR Compliance☐

KOSHA Compliance☐

3A Sanitary Standards☒

CSA Markings☐

CE & PED Compliance☐

NACE Compliance--None--

China Manufacturing License--None--

Save & Continue

▼ Product Selection

Size UnitsUS Units

Holder ProductCAL-VAC Sanitary Fitting

Inlet ConnectionNone

Holder Max Pressure Unitspsig

Size3" (80mm)

Boiling Class100 PSIG

Outlet ConnectionNone

Quantity1

Save & Continue

Component Material and Option Selection

▼ Outlet

Outlet Material316 SS

Clear

▼ Clamp

Clamp Material304 SS

▼ Inlet

Inlet Material316 SS

Knifeblade Material316 SS

Clear

▼ Additional Accessories

Save & Continue

▼ Cleaning, Markings and Testing

Final Assembly Location RequirementsUSA only

Cleaning/MarkingsSC 10214 Blue Gold® MP-4005

PMIConfirm Alloy Type

Material Sourcing RequirementsNo Restrictions (Default)

Shell Testing☒

Finish Configuration

10

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

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

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

The diagram is a cross-sectional view of a cylindrical holder. It features an 'INLET' on the right side and an 'OUTLET' on the left. A 'RUPTURE DISC' is located inside the cylinder. A 'GAGE TAP (IF REQUIRED)' is shown on the left side. A 'J-HOOK (OPTIONAL)' is attached to the right side. A 'DISC TAG' is also shown. Dimensions are indicated: 'A' is the diameter of the main body, 'B' is the diameter of the inlet/outlet ports, and 'C' is the height of the holder. A 'FLOW' arrow points downwards. Labels include: EYEBOLT (IF REQUIRED), OUTLET, RUPTURE DISC, GAGE TAP (IF REQUIRED), 'C' (APPROX.), 'A', 'B', INLET, PRE-ASSEMBLY SCREW, PRE-ASSEMBLY CLIP, J-HOOK (OPTIONAL), and DISC TAG.

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		