



Continental Disc Corporation

Performance Under Pressure®

Rupture Disc Selection Form

To select the proper rupture disc for any application, it is important to begin by writing down specific data about your system. Use this form to identify and print this data for reference. *This form will not select a rupture disc for you.* You must make that selection based on the features and options listed in the Selection Guide. Click the notes icons for further information about form items. You may change the pressure or temperature units to match your needs by typing in new units.

A. Maximum allowable working pressure (MAWP) of the vessel:

B. Maximum normal operating conditions:
Pressure:
Temperature:

C. Rupture disc burst conditions:
Pressure:
Temperature:

D. Backpressure / vacuum conditions:

E. Process media state:

F. Service Conditions:

G. Code / Standards requirements:

H. Appropriate rupture disc material to meet corrosive and/or temperature requirements:

I. Appropriate rupture disc holder material to meet corrosive and/or temperature requirements:

J. Flange connection type and class at rupture disc installation:

K. Other special conditions:

L. Will this rupture disc be isolating a safety relief valve?
(non-fragmenting design required):

M. (Reorders only) Manufacturing number:
Customer's tag number
(RD-#, PSE-#, etc.):

N. Will the system require a Burst Disc Indicator (B.D.I.) alarm system?

O. System operating-to-burst-pressure ratio:
$$= \frac{\text{Maximum normal operating pressure (from B above)}}{\text{Minimum rupture disc burst pressure (from C above)}}$$