

DYNISCO MODEL BP420

Rupture Disk for Extrusion Applications

Description

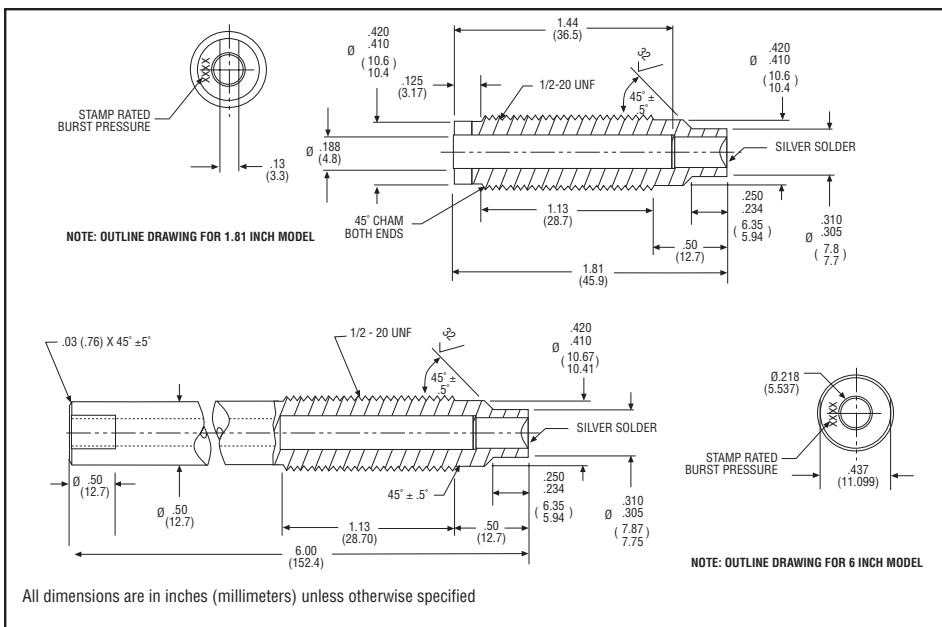
Rupture disks are designed for reliable emergency relief of excess pressure since they instantaneously rupture at a specific predetermined pressure range. Dynisco's model BP420 rupture disk is designed specifically for use in plastic extruders. Each assembly consists of a 303 stainless steel body and rupture disk. A rupture disk may be specified for primary relief in applications where pressure buildup can occur so rapidly that the response time of a relief valve is inadequate, such as in a polymerization reaction vessel.

Features

- Burst pressures from 2,500 up to 12,500 psig
- Simple, intrinsically safe design
- Up to 750°F melt temperatures
- Accuracy of $\pm 5\%$

Benefits

- Protection over wide pressure range
- Low installation and maintenance cost
- For common extrusion applications
- Reliable protection of personnel and machinery



Ordering Guide

Model	Burst Pressure (psi (nom.))		Length
	Code	Range	
BP420	2.5M	2,500	1.81"
	3.5M	3,500	
	5.5M	5,500	
	7.5M	7,500	
	8.5M	8,500	
	9.5M	9,500	
	12.5M	12,500	6"

Ordering Example: BP420 - 7.5M - 1.81