

# Blast Valve

## Type RV 100



### Overview

The Blast Valve **RV 100** is a heavy duty blast valve that is intended to be installed into pipes. The RV 100 protects the pipes from penetration of blast waves caused by outside explosions. It withstands blast waves of 60 bar (842 psi) reflected pressure. This valve is designed to comply with the applicable Israeli, Singaporean, Swiss and Finnish Standards.

### Description

The Blast Valve **RV 100** is a heavy duty double action valve that protects against explosive and implosive waves. This valve is resistant against high and low temperature and high shock loads. Since it is produced from stainless steel it is very resistant against corrosion.

### PRODUCT USE:

- Must be installed at the pipes that enter the blast protected shelter
- Should be installed only with equipment that has been manufactured by Beth-El Industries to ensure maximum performance
- Correct installation protects the shelter against blast and vacuum waves



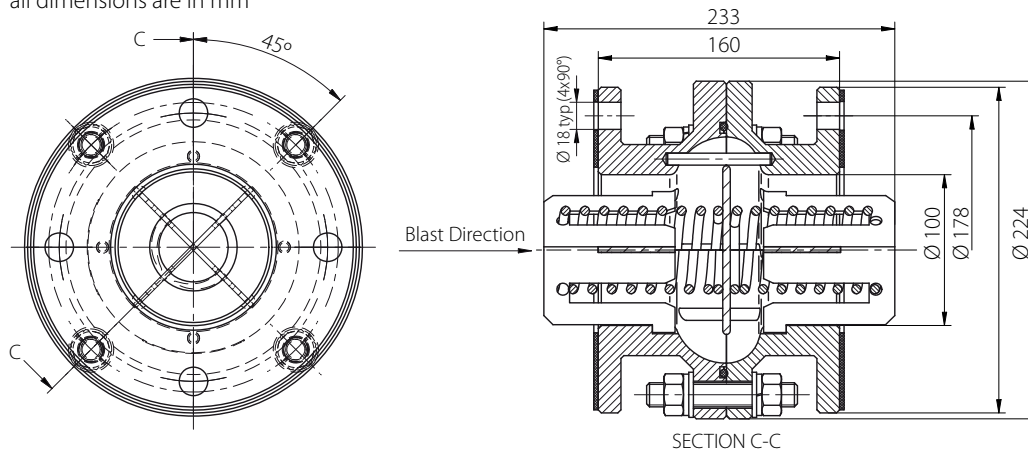


**CERTIFICATIONS:**

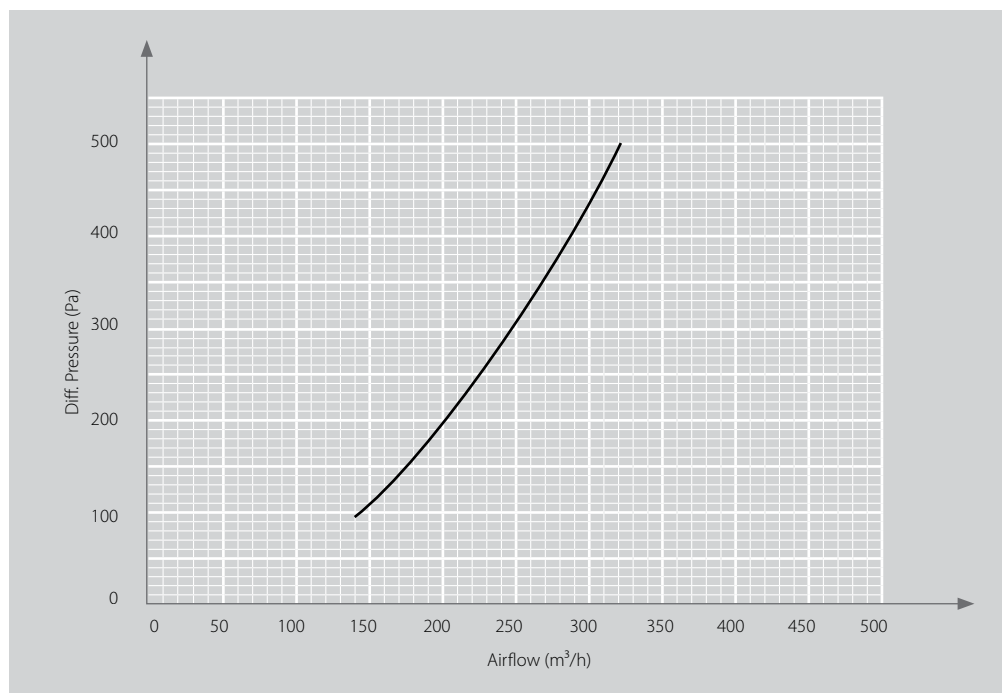
- Quality control according to ISO 9001
- Quality assurance according to AQAP 2110
- Environmental tests: MIL-STD 810 D

**Approximate Dimensions:**

all dimensions are in mm



**Pressure Drop on Airflow RV 100:**



**Specifications for the RV 100:**

Product No:	B00235	
Outer Diameter:	224 (8.8)	mm (Inch)
Length:	160 (6.3)	mm (Inch)
Pressure Durability:	4000 (560)	kPa (psi)
Working Temperature:	-40 to + 70 (-40 to +160)	°C (°F)
Mechanical Shock Resistance:	60	g
Total Weight:	21.0 (46.3)	kg (lbs)

Specifications are subject to change without prior notice.

**Beth-El Zikhron Yaaqov Industries Ltd.**

1 Avshalom Road  
Zikhron Yaaqov, Israel  
Tel: + 972-4-629 0000  
www.beind.com