



# DATASHEET

GAUGE HATCH WITH COMBINED PV RELIEF FOR BULK STORAGE TANKS

## CNC 103 Gauge Hatch Combined with PV Relief

### 103



#### APPLICATION

Motherwell Tank Protection (MTP) range of gauge hatches combined with PV relief allow easy access to atmospheric liquid storage tanks for manual level measurement (dipping), temperature measurement and sampling whilst offering pressure and vacuum relief properties in normal use.

#### BENEFITS

- Robust construction to cope with regular use.
- **Non-sparking feature, provided by the use of a PTFE or Nitrile rubber insert**
- The cover is designed with a condensation rim. This encourages liquid drainage from the surface to reduce the possibility of freezing.
- Three functions in one economical fitting.
- ATEX approved to directive 94/9/EC

#### PRINCIPLE OF OPERATION

Provides tank access where manual level gauging, temperature measurement or sampling is required. Prevents against damage of the storage tank due to the build up of excessive pressure or vacuum.

#### PHYSICAL

Model	103
Sizes	8"
Process Connection	1. ANSI 150# (Standard) 2. PN10 / PN16 3. Special (Flange drilling as required)
Materials	1. Aluminium
Insert	1. Nitrile 2. PTFE

#### PROCESS

Pressure / Vacuum Settings	Pressure = 3.46"wg (8.6mbar) Vacuum = 0.865wg (2.15mbar)
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#### ORDERING CODE

MODEL-SIZE-PROCESS CONNECTION-MATERIAL-INSERT  
e.g. 103-08-111 (103 series, 8" ANSI 150# connection, Aluminium body, Nitrile insert)

#### AFTER SALES SUPPORT

MTP provide comprehensive spares support, and term preventative maintenance schemes using product-trained technicians to service MTP and other brands of valves and fittings.

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