



DATASHEET

GAUGE HATCH & FREE VENT FOR BULK STORAGE TANKS

CNC 141 Combined Hatch and Free Vent

141



APPLICATION

Motherwell Tank Protection (MTP) CNC 141 is a lockable combined hatch and free vent in one fitting. It is designed to allow easy access to tanks for measuring whilst allowing the tank atmospheres and vapors to flow freely in-between sampling.

BENEFITS

- Robust construction to cope with regular use.
- Range of **sizes and materials** to suit a wide range of applications
- **Non-sparking feature, provided by the use of a PTFE or Nitrile rubber insert**
- Large streamlined mushroom type weather hood to permit maximum flow.
- **FREE SIZE SELECTION** carried out by MTP, if required, to ensure suitability for venting requirements.
- ATEX approved to directive 94/9/EC

PRINCIPLE OF OPERATION

Provides tank access by swinging back the hatch cover to allow manual level gauging, temperature measurement and sampling when required. Whilst venting the opening is fitted with a wire mesh screen to prevent the ingress of foreign matter.

PHYSICAL

| | |
|--------------------|---|
| Model | 141 |
| Sizes | 4", 6", 8" |
| Process Connection | 1. ANSI 150# (Standard) 2. PN10 / PN16 3. Special (Flange drilling as required) |
| Materials | 1. Aluminium 2. Carbon Steel 3. Stainless Steel |
| Insert | 1. Nitrile 2. PTFE |

ORDERING CODE

MODEL-SIZE-PROCESS CONNECTION-MATERIAL-INSERT (+Settings)
e.g. 141-06-122 (141 series, 6" ANSI 150#connection, carbon steel body, PTFE insert)

AFTER SALES SUPPORT

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

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