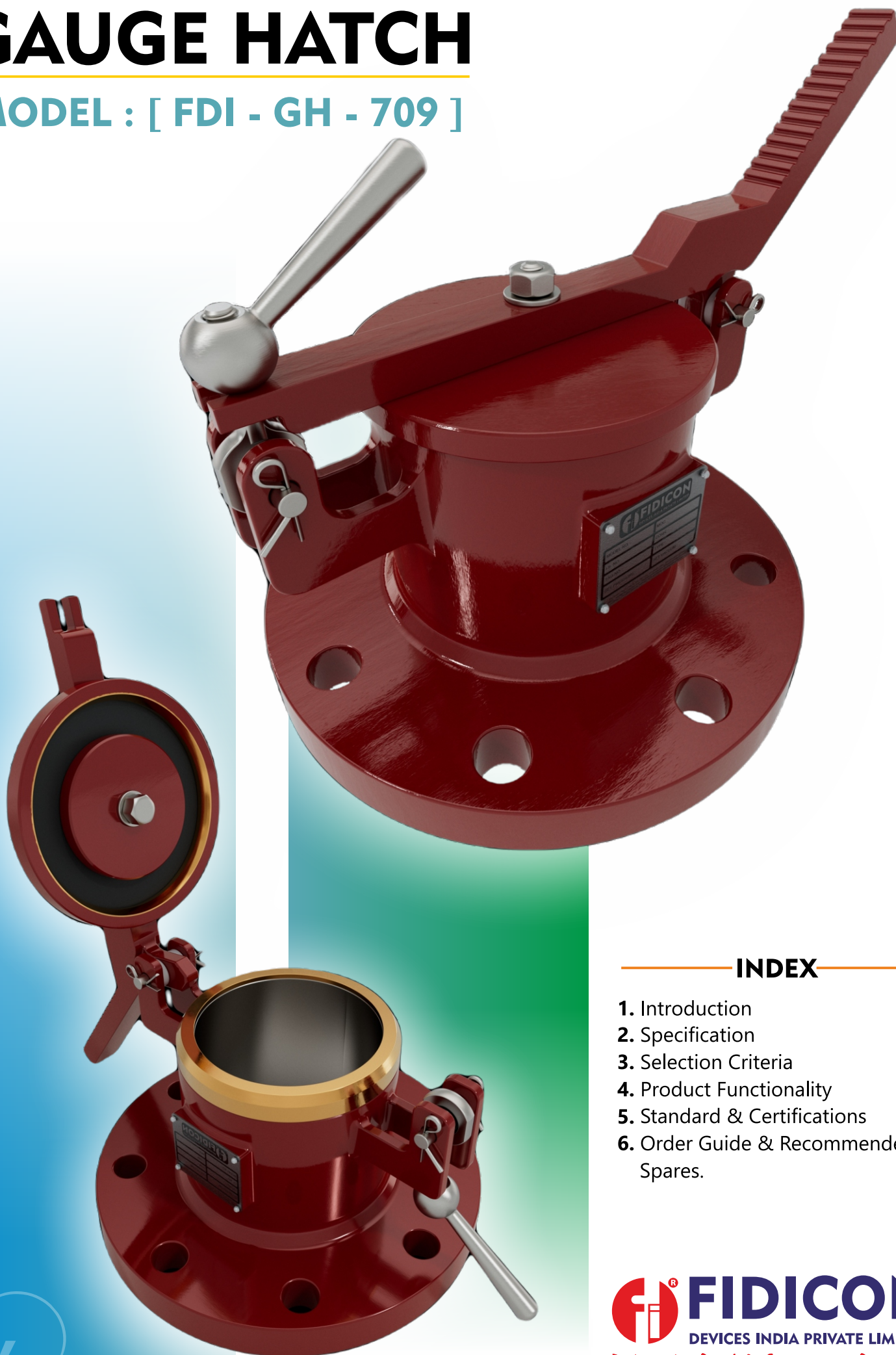


GAUGE HATCH

MODEL : [FDI - GH - 709]



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INTRODUCTION : GAUGE HATCH (THIEF / DEAD WEIGHT HATCH)

In Formal Terms, Gauge Hatch Provides tank access where manual level gauging, temperature measurement or sampling is required. The Foot Pedal allows the operator to open the gauge hatch whilst remaining hands-free to carry out required measurements.

Despite the wonders of modern instrumentation, there are times when you really need to physically "see or feel" a process variable. A gauge hatch on the roof of an atmospheric tank provides you with the means of doing so.

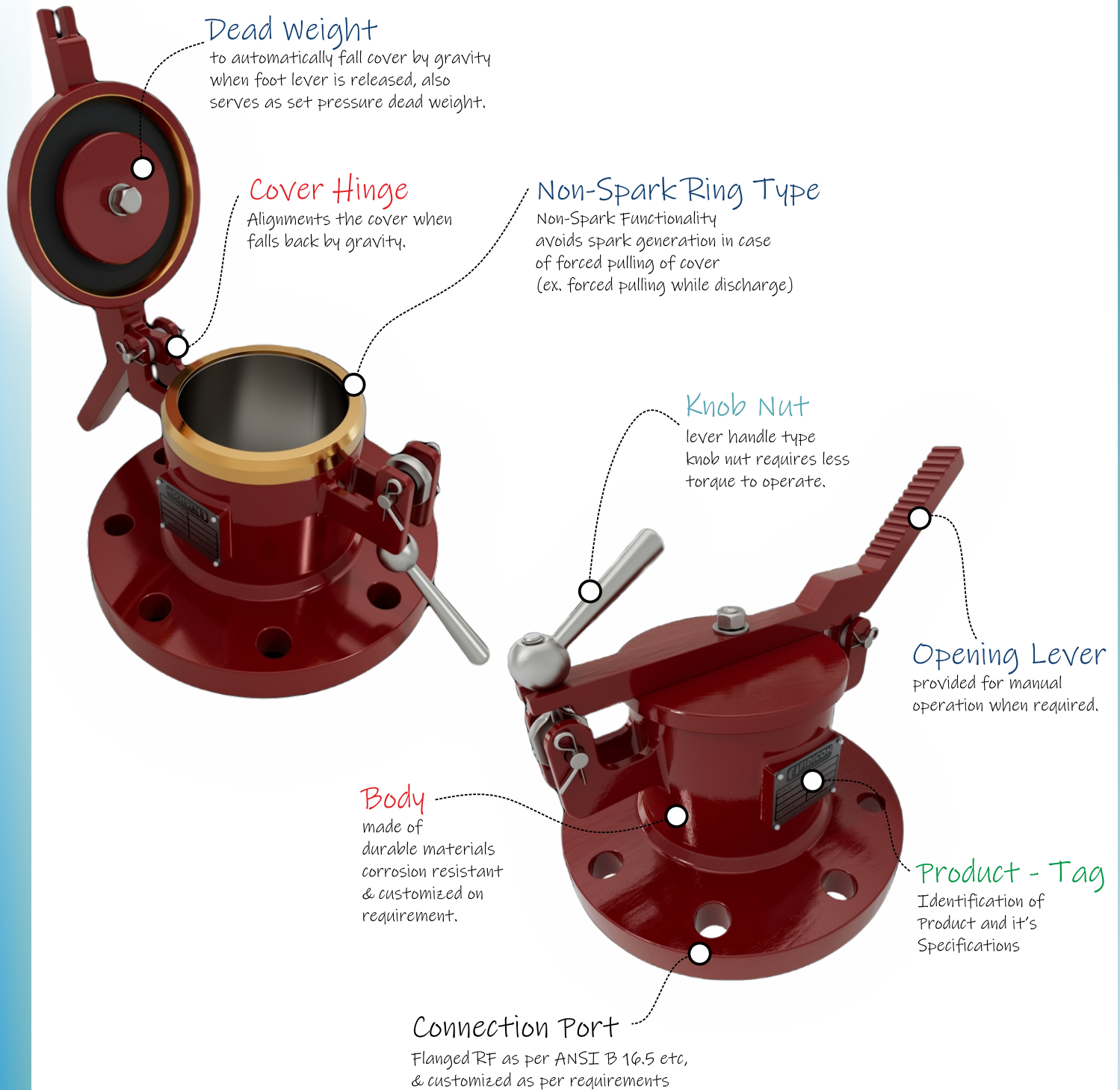
They often have a quick opening hatch so you can conveniently open the hatch, drop your measurement device (often a calibrated "stick") into the tank, and quickly obtain a physical measurement of the tank's level.

Thief hatch is quite useful when you have a obligation for sampling from the top of oil tank (ex. in Russia) and when you are also obliged to provide blanketing with inert gas. Stillpipe perforated within tank, with perforation below usual oil level, that asks for oil shipment. Thief hatch is the quickest way to do this sampling and applicable stillpipe would reduce oil contamination during the sampling.

As per API 2000 at point 4.4.2 (ed. 2009), Gauge hatch can also act as emergency pressure release if there is abnormal pressure inside the tank. These hatches could be used for other purposes as well. We have introduced multiple Gauge Hatch options to fulfill your demands with various design variants available understanding your needs.



GAUGE HATCH (THIEF / DEAD WEIGHT HATCH)



FEATURES

- Non-sparking design.
- Corrosion Resistant Construction.
- Positive sealing soft seat inserts.
- Locking mechanism (Knob Nut) raised above cover surface for easy access.
- Padlockable to prevent unauthorized tank access.
- Large, easy to grab quick release knob-nut lever
- Safety foot pedal allows fast, hands-free tank access for sampling and gauging.
- Self-aligning cover closes automatically when the foot pedal is released.
- Carbon steel base construction available for welding to the tank roof.
- Flanged as per ANSI B16.5 #150 RF as Standard, other connection types available on request

PRODUCT GENERAL SPECIFICATIONS

- ◆ **Model No.**
FDI - GH - 709
(Gauge Hatch)
- ◆ **Material of Construction:**
Aluminum, Carbon Steel, SS 304, SS 316, Hastelloy C, PTFE, etc. as per Standards and Customer Request.
- ◆ **Pressure Setting:**
as per customer requirements.
- ◆ **Construction:**
Corrosion Resistant Construction
Cast Body / Fabricated Smooth Surface
Finish with Paint Layers.
- ◆ **Available Sizes:**
1" to 24" and different sizes as per customer request.
- ◆ **Connection Type:**
Flanged ANSI B 16.5 #150 and other as per customer requirements.
- ◆ **Product Sizing:**
Hatch Design / Vent Sizing are as per:
API 2000 7th Edition
- ◆ **Other Types:**
Spring Loaded, Lockable, Quick Release etc.
Contact Sales Team for More Information.

PRODUCT TESTING

We offer Following Product Tests,

- Dimensional Checks
- Hydrostatic Pressure Test
- Air Leakage Test
- Performance Test, F.A.T etc.

RECOMMENDED DISPOSAL

- Give it back to us & we will take care of recycling & possible disposal.
- User can dis-assemble the product in multiple stage
- The above may be handed over (state pollution board), authorized re-cycler item-wise.





ENQUIRY SPECIFICATIONS:

- [1] Service Media Details.
- [2] Tank Volume, Type, M.O.C of Tank
- [3] Pump Flow (In-Charge / Flow Rate / Size)
- [4] System Operating and Design Pressure.
- [5] System Operating and Design Temperature.
- [6] Set Pressure Requirements.
- [7] Material Specifications (Body / Wetted Parts)

RECOMMENDED SPARES

- [1] Gaskets / as per customer needs.

OTHER RANGE OF PRODUCTS

- Emergency Relief Vent
- Breather Valve In-Built Flame Arrester
- Flame Arrester cum Breather Valve
- Pipeway Type (Pressure & Vacuum) Breather Valve
- Vacuum Type Breather valve
- Pressure Type Breather Valve, etc.



Any Query?

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