

FMMST63

Forbes Marshall Instrument Tracer Line Trap

Description

The Forbes Marshall Instrument Tracer Line Trap, FMMST63, is a maintainable balanced pressure steam trap manufactured in stainless steel. It is corrosion resistant and easily maintainable.

Size and Pipe Connections

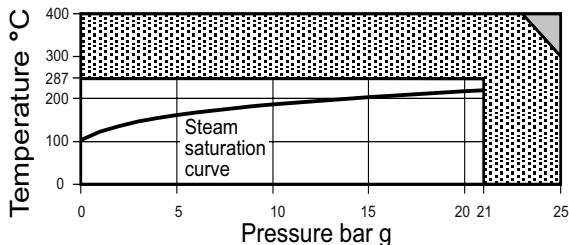
DN 06 and DN 15
Screwed BSPT / NPT


Limiting Conditions


| | |
|--|--------------------|
| PMO/PMA Max. operating/allowable pressure | 21 bar (g) @ 287°C |
| TMO/TMA Max. operating/allowable temperature | 287°C @ 21 bar(g) |
| Maximum operating temperature | 0°C |
| Maximum cold hydraulic test pressure | 32 bar(g) |

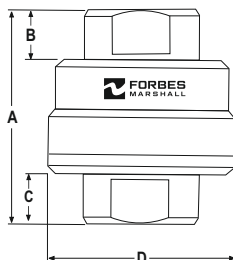
Note: Available with IBR certificate on request

Operating Range



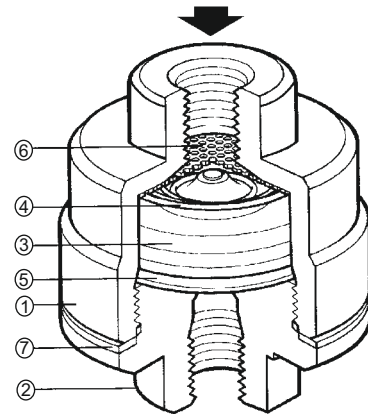
 The product **must not** be used in this region.

 The product **should not** be used in this region as damage to internals may occur.



Dimensions (approx.) in mm and kg

| Size(DN) | A | B | C | D | Weight |
|----------|----|------|----|----|--------|
| DN 06 | 61 | 11.5 | 14 | 47 | 0.7 |
| DN 15 | 61 | 11.5 | 14 | 47 | 0.7 |



Material

| No | Part | Material | Standard |
|----|--|------------------|-------------------|
| 1 | Body | Austenitic Steel | ASTM A 276 SS316 |
| 2 | Cap | Stainless Steel | ASTM A 276 SS 420 |
| 3 | Thermopod | Stainless Steel | |
| 4 | Spring | Stainless Steel | ASTM A 276 SS302 |
| 5 | Spacer Plate | Stainless Steel | ASTM A 276 SS 304 |
| 6 | Strainer Screen 0.8 mm perforations | Stainless Steel | ASTM A 743 SS 304 |
| 7 | gasket | Stainless Steel | ASTM A 240 SS304 |

Thermopod Filling for FMMST63

As a standard, the trap is supplied with filling "U", which will operate approximately 24°C below steam saturation temperature.

As an optional alternative the trap can be supplied with filling "C" which will operate approximately 6°C below steam saturation temperature or filling "T" which will operate approximately 12°C below steam saturation temperature.

Note: If the alternative thermopod is required this must be clearly stated on the order e.g. thermopod to have "C" or "U"

How to Order

Example: 1 No. DN15 Forbes Marshall Instrument Tracer Line Trap, FMMST63 with 'U' filling and screwed BSPT connections.

Safety Information:

Allow time for temperature to normalize after isolation to avoid the danger of burns and consider whether protective clothing (including safety glasses) is required.

Please refer product user manuals for detailed safety information.

Caution



The body / cover gasket contains a thin stainless steel support ring, which may cause physical injury if it is not handled and disposed carefully.

Installation

The trap is design for installation with the thermopod in a vertical line with the inlet at the top and outlet at the bottom. This will ensure that it is self-draining. If fitted in horizontal line, the trap should be preceded by a short drip leg. Suitable isolation valves must be installed to allow for safe maintenance and trap replacement. Remove all protective caps prior to installation. Open isolation valves slowly until normal operating conditions are achieved. Check for leaks and correct operation.

These traps are not suitable for mounting on boilers.

Recommended Tightening Torques

| Size (DN) |  Or mm |  | Nm |
|-----------|--|--|---------|
| 06 | 22 | | 100-110 |
| 15 | 32 | | 100-110 |

Available Spares

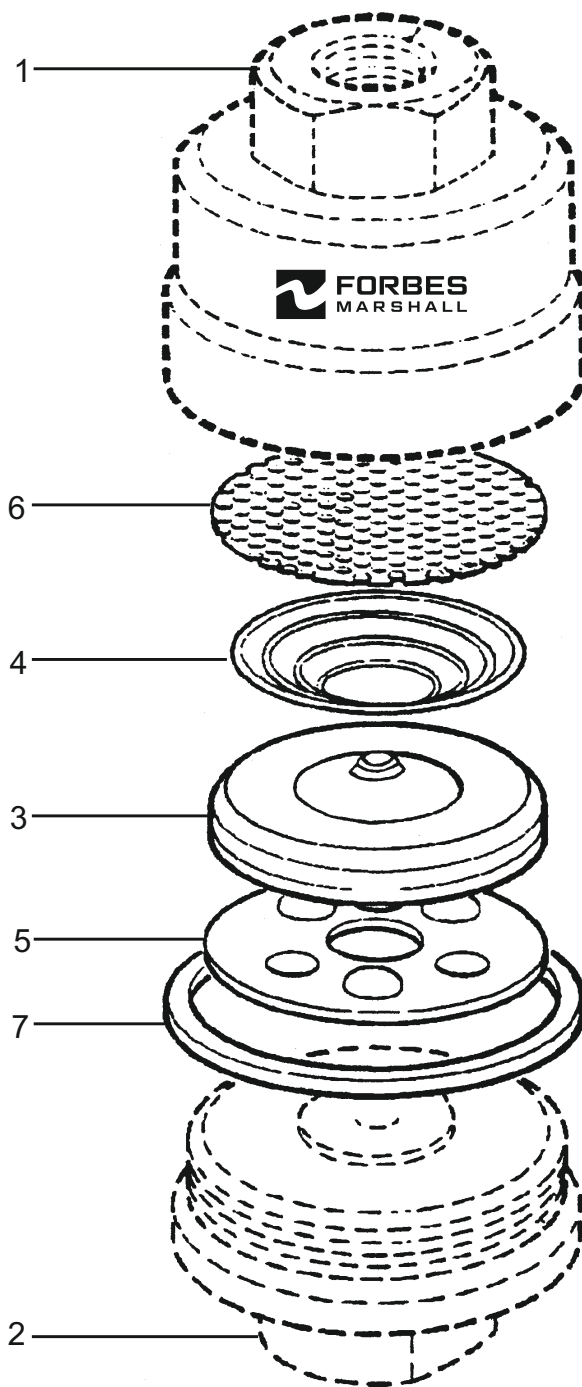
The spare parts available are shown in heavy outline. Parts drawn in broken line are not supplied as spares

| | | |
|--|------------|-----|
| Thermopod and seat | U/T/C fill | 3,5 |
| Assembly set (state thermopod filling) | | |
| Strainer Screen and gasket kit | | 6,7 |
| Spring | | 4 |

How to Order Spares

Always order spares by using the description given above and stating the size and type of steam trap.

Example: 1 No. Thermopod and seat assembly set for DN 15 Forbes Marshall Tracer Line Trap, FMMST63, "U" Fill



www.forbesmarshall.com

Forbes Marshall Arca

Codel International

Krohne Marshall

Forbes Vyncke

Forbes Marshall Steam Systems

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