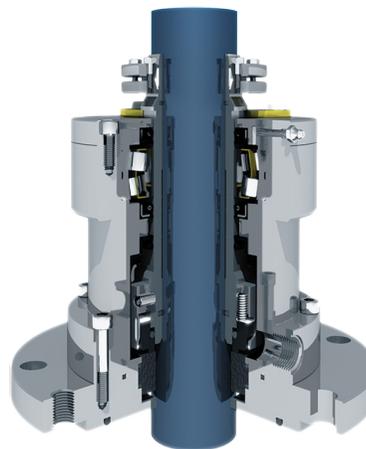


**THOMSON MECHANICAL SEALS**

# TMA-1/1L

Thomson Mix-All single multi-spring cartridge seal for mixers.


**FEATURES**

- Pre-assembled cartridge design.
- Barrier fluid chamber for cooling and lubricating faces.
- Balanced faces.
- Available with or without integral bearing.
- Bi-directional.

**APPLICATIONS**

- Top entry Mixers/Agitators/Blenders.
- Non-hazardous media.
- Water/Wastewater.
- Irrigation.
- Food and Beverage.
- Pulp and Paper.

**OPERATING RANGE**

All operating range information is dependent on media, materials of construction, and support systems used. Please contact A.R. Thomson mechanical seal services department for more information.

|                       |                                 |
|-----------------------|---------------------------------|
| <b>Pressure, Max:</b> | 90 psig (6 bar)                 |
| <b>Temperature:</b>   | -40°F to 400°F (-40°C to 204°C) |
| <b>Speed, Max:</b>    | 800 fpm (4 m/s)                 |

**STANDARD MATERIALS**

|                     |   |
|---------------------|---|
| <b>Seal Faces:</b>  | Resin impregnated graphite carbon, antimony carbon-graphite, silicon carbide, dry running carbon. |
| <b>O-Rings:</b>     | FKM, EPDM, Nitrile, Aflas, FFKM.  |
| <b>Springs:</b>     | Hastelloy C   |
| <b>Metallurgy*:</b> | 316SS   |

\*Hastelloy C, Alloy 20 and Titanium available upon request.

**Limitation of liability:** actual performance may vary and is determined by factors unique to a given application. It is recommended that care be taken in the selection and application of materials for hazardous services and controlled testing be undertaken to determine suitability for a specific application. A.R. Thomson Group does not make or imply any warranty of suitability for a particular purpose and is not liable for any damages arising from the use of the information in this sheet. v1.1 [WWW.ARTHOMSON.COM](http://WWW.ARTHOMSON.COM)