

SMM & LMM

Small and Large Single Compression Transducer with Replaceable Soft Membrane

Features

- Single normal beam compression wave transducer
- Circular, lead metaniobate crystal
- Max operating temperature 50°C / 120°F
- Medium damped for medium bandwidth

Common Applications

- Castings
- Forgings
- White metal bearings



| Transducer Models | | | | |
|-------------------|-------------------------|-----------------|--------------------------------|---|
| Product Code | Description | Frequency (MHz) | Crystal Diameter (mm / Inches) | Nearfield Length in Steel (mm / Inches) |
| SMM2-10 | Single Softface 2Mhz 0° | 2 | 10mm / 0.394" | 8.4mm / 0.331" |
| SMM 4-10 | Single Softface 4Mhz 0° | 4 | 10mm / 0.394" | 16.8mm / 0.661" |

| Transducer Models | | | | |
|-------------------|-------------------------|-----------------|--------------------------------|---|
| Product Code | Description | Frequency (MHz) | Crystal Diameter (mm / Inches) | Nearfield Length in Steel (mm / Inches) |
| LMM1-24 | Single Softface 1Mhz 0° | 1 | 24mm / 0.945" | 24.2mm / 0.953" |
| LMM2-24 | Single Softface 2Mhz 0° | 2 | 24mm / 0.945" | 48.3mm / 1.902" |
| LMM4-24 | Single Softface 4Mhz 0° | 4 | 24mm / 0.945" | 96.6mm / 3.803" |

| Case Dimensions and Details | | | | |
|------------------------------------|------------------------------|----------------------|-------------------|------------------|
| Transducer Version Crystal size | Width/Diameter (mm / Inches) | Height (mm / Inches) | Connector Options | Position Options |
| SMM | 23mm / 0.906" | 42mm / 1.654" | Z | Side |
| LMM | 32mm / 1.26" | 60mm / 2.362" | L | Side |

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