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## Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

|                           |  |
|---------------------------|--|
| <b>Manufacturer</b>       | <b>Aplicaciones Mecánicas del Caucho S.A.</b>  |
| <b>Address</b>            | Industrialdea Zona A. Pab 35, Asteasu E-20159, Gipuzkoa, Spain                                 |
| <b>Type</b>               | Engine Mountings   |
| <b>Description</b>        | Resilient mounts for machinery in a marine environment.  |
| <b>Trade Name</b>         | Marine Small, Marine Medium, Marine Large, Marine XL, BSB and BRB.                             |
| <b>Application</b>        | Marine.  |
| <b>Specified Standard</b> | Rules and Regulations for the Classification of Ships, July 2021, Part 5, Chapter 1 Section 4. |
| <b>Ratings</b>            | See Appendix.  |

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document LR22172275TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

### Appendix

| Type                 | Code   | Load (kg) | Shore |
|----------------------|--------|-----------|-------|
| <b>MARINE SMALL</b>  | 136001 | 35        | 40 Sh |
|                      | 136002 | 45        | 45 Sh |
|                      | 136003 | 70        | 55 Sh |
|                      | 136004 | 95        | 65 Sh |
|                      | 136005 | 110       | 75 Sh |
| <b>MARINE MEDIUM</b> | 136021 | 95        | 35 Sh |
|                      | 136022 | 120       | 45 Sh |
|                      | 136023 | 220       | 55 Sh |
|                      | 136024 | 280       | 65 Sh |
|                      | 136025 | 450       | 75 Sh |
| <b>MARINE LARGE</b>  | 136041 | 350       | 45 Sh |
|                      | 136042 | 525       | 55 Sh |
|                      | 136043 | 800       | 65 Sh |
|                      | 136044 | 1080      | 75 Sh |
| <b>MARINE XL</b>     | 136061 | 950       | 40 Sh |
|                      | 136062 | 1400      | 50 Sh |
|                      | 136063 | 2200      | 60 Sh |
|                      | 136064 | 3000      | 70 Sh |

| Type              | Code   | Load (kg) | Shore |
|-------------------|--------|-----------|-------|
| <b>BSB 60 M10</b> | 135106 | 70        | 40 Sh |
|                   | 135109 | 130       | 50 Sh |
|                   | 135107 | 170       | 60 Sh |
|                   | 135108 | 245       | 70 Sh |
| <b>BSB 60 M12</b> | 135406 | 70        | 40 Sh |
|                   | 135407 | 130       | 50 Sh |
|                   | 135408 | 170       | 60 Sh |
|                   | 135409 | 245       | 70 Sh |

| Type          | Code   | Load (kg) | Shore |
|---------------|--------|-----------|-------|
| <b>BRB 45</b> | 135137 | 12        | 40 Sh |
|               | 135138 | 18        | 50 Sh |
|               | 135139 | 25        | 60 Sh |
| <b>BRB 50</b> | 135451 | 20        | 40 Sh |
|               | 135453 | 40        | 50 Sh |
|               | 135455 | 60        | 60 Sh |
|               | 135457 | 80        | 70 Sh |

|                        |        |     |       |                       |        |     |       |
|------------------------|--------|-----|-------|-----------------------|--------|-----|-------|
| <b>BSB 80<br/>M10</b>  | 135261 | 110 | 40 Sh | <b>BRB 60</b>         | 135101 | 30  | 40 Sh |
|                        | 135262 | 160 | 50 Sh |                       | 135405 | 45  | 50 Sh |
|                        | 135263 | 230 | 60 Sh |                       | 135103 | 65  | 60 Sh |
|                        | 135264 | 300 | 70 Sh |                       | 135104 | 75  | 70 Sh |
| <b>BSB 80<br/>M12</b>  | 135265 | 110 | 40 Sh | <b>BRB 65<br/>M10</b> | 135421 | 50  | 40 Sh |
|                        | 135266 | 160 | 50 Sh |                       | 135422 | 75  | 50 Sh |
|                        | 135267 | 230 | 60 Sh |                       | 135423 | 120 | 60 Sh |
|                        | 135268 | 300 | 70 Sh |                       | 135424 | 140 | 70 Sh |
| <b>BSB 95<br/>M10</b>  | 135311 | 180 | 40 Sh | <b>BRB 65<br/>M12</b> | 135431 | 50  | 40 Sh |
|                        | 135312 | 230 | 50 Sh |                       | 135432 | 75  | 50 Sh |
|                        | 135313 | 270 | 60 Sh |                       | 135433 | 120 | 60 Sh |
|                        | 135314 | 330 | 70 Sh |                       | 135434 | 140 | 70 Sh |
| <b>BSB 95<br/>M12</b>  | 135315 | 180 | 40 Sh | <b>BRB 70</b>         | 135251 | 50  | 40 Sh |
|                        | 135316 | 230 | 50 Sh |                       | 135252 | 75  | 50 Sh |
|                        | 135317 | 270 | 60 Sh |                       | 135253 | 120 | 60 Sh |
|                        | 135318 | 330 | 70 Sh |                       | 135254 | 140 | 70 Sh |
| <b>BSB 110<br/>M12</b> | 135335 | 250 | 40 Sh | <b>BRB 80<br/>M10</b> | 135231 | 80  | 40 Sh |
|                        | 135336 | 350 | 50 Sh |                       | 135232 | 130 | 50 Sh |
|                        | 135337 | 450 | 60 Sh |                       | 135233 | 175 | 60 Sh |
|                        | 135338 | 550 | 70 Sh |                       | 135234 | 235 | 70 Sh |
| <b>BSB 110<br/>M16</b> | 135150 | 250 | 40 Sh | <b>BRB 80<br/>M12</b> | 135275 | 80  | 40 Sh |
|                        | 135151 | 350 | 50 Sh |                       | 135276 | 130 | 50 Sh |
|                        | 135152 | 450 | 60 Sh |                       | 135277 | 175 | 60 Sh |
|                        | 135153 | 550 | 70 Sh |                       | 135278 | 235 | 70 Sh |
| <b>BSB 125</b>         | 135351 | 450 | 40 Sh | <b>BRB 95<br/>M10</b> | 135771 | 150 | 40 Sh |
|                        | 135352 | 550 | 50 Sh |                       | 135772 | 260 | 50 Sh |
|                        | 135353 | 690 | 60 Sh |                       | 135773 | 330 | 60 Sh |
|                        | 135354 | 900 | 70 Sh |                       | 135774 | 390 | 70 Sh |

| Type                    | Code   | Load (kg) | Shore |
|-------------------------|--------|-----------|-------|
| <b>BSB 150<br/>B.C.</b> | 135371 | 750       | 40 Sh |
|                         | 135372 | 950       | 50 Sh |
|                         | 135373 | 1300      | 60 Sh |
|                         | 135374 | 1650      | 70 Sh |
| <b>BSB 150</b>          | 135361 | 750       | 40 Sh |
|                         | 135362 | 950       | 50 Sh |
|                         | 135363 | 1300      | 60 Sh |
|                         | 135364 | 1650      | 70 Sh |
| <b>BSB 160</b>          | 135381 | 900       | 40 Sh |
|                         | 135382 | 1200      | 50 Sh |
|                         | 135383 | 1600      | 60 Sh |
|                         | 135384 | 2300      | 70 Sh |
| <b>BSB 180</b>          | 135181 | 1300      | 40 Sh |
|                         | 135184 | 1750      | 50 Sh |
|                         | 135182 | 2100      | 60 Sh |
|                         | 135183 | 2900      | 70 Sh |
| <b>BSB 220</b>          | 135301 | 2500      | 40 Sh |
|                         | 135302 | 3200      | 50 Sh |
|                         | 135303 | 4000      | 60 Sh |
|                         | 135304 | 5000      | 70 Sh |

| Type                    | Code   | Load (kg) | Shore |
|-------------------------|--------|-----------|-------|
| <b>BRB 95<br/>M12</b>   | 135761 | 150       | 40 Sh |
|                         | 135762 | 260       | 50 Sh |
|                         | 135763 | 330       | 60 Sh |
|                         | 135764 | 390       | 70 Sh |
| <b>BRB 110<br/>M12</b>  | 135241 | 200       | 40 Sh |
|                         | 135242 | 305       | 50 Sh |
|                         | 135243 | 420       | 60 Sh |
|                         | 135244 | 450       | 70 Sh |
| <b>BRB 110<br/>M16</b>  | 135331 | 200       | 40 Sh |
|                         | 135332 | 305       | 50 Sh |
|                         | 135333 | 420       | 60 Sh |
|                         | 135334 | 450       | 70 Sh |
| <b>BRB 125</b>          | 135618 | 350       | 40 Sh |
|                         | 135620 | 500       | 50 Sh |
|                         | 135622 | 700       | 60 Sh |
|                         | 135624 | 900       | 70 Sh |
| <b>BRB 150<br/>S.B.</b> | 135205 | 450       | 40 Sh |
|                         | 135206 | 570       | 50 Sh |
|                         | 135207 | 800       | 60 Sh |
|                         | 135208 | 1000      | 70 Sh |
| <b>BRB 150</b>          | 135161 | 450       | 40 Sh |
|                         | 135162 | 570       | 50 Sh |
|                         | 135163 | 800       | 60 Sh |
|                         | 135164 | 1000      | 70 Sh |
| <b>BRB 180</b>          | 135391 | 875       | 40 Sh |
|                         | 135392 | 1200      | 50 Sh |
|                         | 135393 | 1700      | 60 Sh |
|                         | 135394 | 2400      | 70 Sh |
| <b>BRB 220</b>          | 135201 | 1600      | 40 Sh |
|                         | 135200 | 2400      | 50 Sh |
|                         | 135202 | 3400      | 60 Sh |
|                         | 135203 | 4200      | 70 Sh |