**FMVSS 121 BRAKE STANDARD**

Typical Dynamometer Plot

Test Parameters:
- Brake – Meritor 16.5 x 8.625 Q Plus
- Axle Load – 20,000 lbs.
- AL Factor – 165
- Rolling Radius – 20.8 inches
- Drum Weight – 123.76 lbs.

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**TYPICAL STOPPING DISTANCE BRAKE CONFIGURATIONS**

<table>
<thead>
<tr>
<th>Previous Standard</th>
<th>-------------------</th>
<th>355 Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>RSD New Ruling</td>
<td>-------------------</td>
<td>250 Feet</td>
</tr>
<tr>
<td>Enhanced Brake Material</td>
<td>---------------</td>
<td>220-240 Feet</td>
</tr>
</tbody>
</table>

*Loaded Conditions

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Federal-Mogul is committed to supplying the most comprehensive line of Commercial Vehicle friction products to meet all your current and future maintenance needs.

Abex® RN 6260 GG is a new brake lining designed to follow the FMVSS 121 Reduced Stopping Distance (RSD) regulation.
PRODUCT PROFILE

• FMVSS 121 rated for 20,000 lbs. (165 AL Factor)
• Copper-free
• Improved stopping distance
• Superior stopping power
• Excellent lining and drum wear
• Smooth braking at low and high speeds
• Low swell and growth
• Crack resistant
• Superior modulus of elasticity (1.14 million lbs/sq in)
• Exceptional flexural strength (5782 lbs/sq in)

TYPICAL PHYSICAL PROPERTIES

Gogan Hardness 25 GC
Specific Gravity 1.92

TYPICAL FRICTION PROPERTIES

Normal Friction 0.50 G
Hot Friction 0.46 G
400° F Wear Friction 0.53

APPLICATIONS
Recommended for use on S-cam brakes

16.5 x 7 Meritor Q ZI XK62604515Q
15 x 4 Meritor QP ZI XK62604702QP
16.5 x 7 Meritor QP ZI XK62604707QP
16.5 x 7 Eaton ZI XK62604709E2
16.5 x 8 5/8 Meritor Q ZI XK62604711QP
16.5 x 8 Meritor QP ZI XK62604718QP
16.5 x 5 Eaton Front ZI XK62604719E2FRONT
16.5 x 5 Eaton Rear ZI XK62604719E2REAR
16.5 x 5 Meritor QP ZI XK62604720QP
16.5 x 6 Eaton ZI XK62604725E2
16.5 x 8 5/8 Eaton ZI XK62604726E2