

# DIN EN 1496:2017-03 (E)

## Personal fall protection equipment - Rescue lifting devices

---

<b>Contents</b>		<b>Page</b>
European foreword .....		3
<b>1</b>	<b>Scope .....</b>	<b>4</b>
<b>2</b>	<b>Normative references .....</b>	<b>4</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>4</b>
<b>4</b>	<b>Requirements .....</b>	<b>5</b>
<b>4.1</b>	<b>General .....</b>	<b>5</b>
<b>4.2</b>	<b>Ergonomics .....</b>	<b>5</b>
<b>4.3</b>	<b>Materials and construction .....</b>	<b>5</b>
<b>4.3.1</b>	<b>General .....</b>	<b>5</b>
<b>4.3.2</b>	<b>Lines .....</b>	<b>5</b>
<b>4.3.3</b>	<b>Ropes and webbings .....</b>	<b>5</b>
<b>4.3.4</b>	<b>Connectors .....</b>	<b>6</b>
<b>4.4</b>	<b>Function for class A rescue lifting devices .....</b>	<b>6</b>
<b>4.5</b>	<b>Dynamic performance and function for class B rescue lifting devices .....</b>	<b>6</b>
<b>4.6</b>	<b>Static strength .....</b>	<b>6</b>
<b>4.7</b>	<b>Corrosion resistance .....</b>	<b>6</b>
<b>4.8</b>	<b>Marking and information .....</b>	<b>6</b>
<b>5</b>	<b>Test methods .....</b>	<b>6</b>
<b>5.1</b>	<b>Sampling .....</b>	<b>6</b>
<b>5.2</b>	<b>Test masses .....</b>	<b>6</b>
<b>5.3</b>	<b>Examination of design .....</b>	<b>7</b>
<b>5.4</b>	<b>Operating force test .....</b>	<b>7</b>
<b>5.5</b>	<b>Dynamic performance test for class B rescue lifting devices .....</b>	<b>7</b>
<b>5.5.1</b>	<b>Apparatus .....</b>	<b>7</b>
<b>5.5.2</b>	<b>Procedure .....</b>	<b>7</b>
<b>Figure 1 --</b>	<b>Dynamic performance test procedure for class B rescue lifting devices .....</b>	<b>8</b>
<b>5.6</b>	<b>Static strength test .....</b>	<b>8</b>
<b>5.6.1</b>	<b>Test apparatus .....</b>	<b>8</b>
<b>5.6.2</b>	<b>Test sample .....</b>	<b>8</b>
<b>5.6.3</b>	<b>Test procedure .....</b>	<b>8</b>
<b>5.7</b>	<b>Corrosion resistance test .....</b>	<b>9</b>
<b>5.7.1</b>	<b>Test apparatus .....</b>	<b>9</b>
<b>5.7.2</b>	<b>Test procedure .....</b>	<b>9</b>
<b>5.8</b>	<b>Function test .....</b>	<b>9</b>
<b>5.8.1</b>	<b>Test procedure for rescue lifting devices class A .....</b>	<b>9</b>
<b>5.8.2</b>	<b>Test procedure for rescue lifting devices class B .....</b>	<b>10</b>
<b>6</b>	<b>Marking .....</b>	<b>10</b>
<b>7</b>	<b>Information supplied by the manufacturer .....</b>	<b>11</b>
<b>Annex A (informative) Significant technical changes between this European Standard and the previous edition EN 1496:2006 .....</b>		<b>12</b>
<b>Table A.1 -- Significant technical changes .....</b>		<b>12</b>
<b>Bibliography .....</b>		<b>13</b>