CAPACITY DIAGRAM w-series CRANE BUFFERS

1. A buffer selected from these charts will meet AISE 1991 Standard No. 6, OSHA, and CMAA #70.
2. Obtain your crane’s bridge weight, trolley weight and maximum impact speed. The weight impacting each buffer is taken to be ½ bridge weight + trolley weight for bridge buffers or ¼ trolley weight for trolley buffers.
3. Find the point corresponding to your weight and speed. The correct buffer size corresponds to the region in which this data point falls.
4. Example: 150,000 lb at 175 FPM = 5 x 8 W buffer as shown by dashed line below.
5. Cranes that fall outside this diagram have either too much energy for a W-SERIES, or would be decelerated too fast. Consult the factory for assistance.