

No. 103

### Large Convoluted Parts with Attached End Plates

Firestone has available several large sizes of single, double, and triple convoluted parts with end plates that are attached to the bellows, similar to how the plates are attached to many of our smaller convoluted parts. These parts are an advantage over the bead ring parts, due mainly to the fact that only four (4) mounting holes are necessary. These parts will enable your customer to cut his costs for both machining the mounting plates and assembly. The available stroke is the same on the bead plate parts as it is on the bead ring parts. When installing the parts, a back-up plate as large in diameter as the bead plate must be used. This plate should be 12 mm thick.

One point to remember when using the parts with end plates is that the minimum height is increased by 18 mm, due to the thickness of both plates. Also, when reading loads from the chart in the Design Manual, one must remember to add 18 mm to the heights in the Design Manual.

The chart below gives size and mounting information, as well as order numbers.

Size	Imperial Order Number W01-358-	A	B	C
28	7271	462	350.3	228.6
312	7286	462	350.3	228.6
121	7272	508	419.1	304.8
203	7273	508	419.1	304.8
323	7274	508	419.1	304.8
29	7275	569	482.6	381.0
320	7276	569	482.6	381.0

Size	Metric Order Number W01-358-	A	B	C
28	6218	462	350.3	228.6
323	6134	508	419.1	304.8

