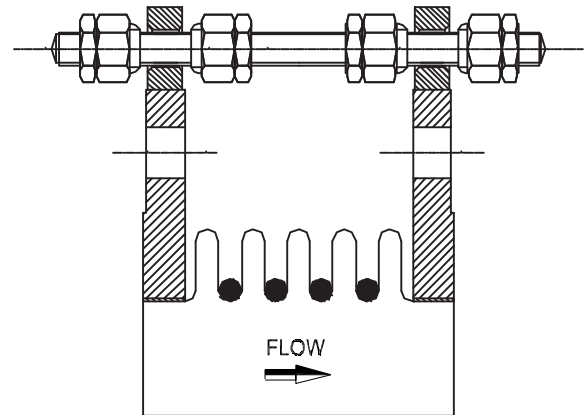
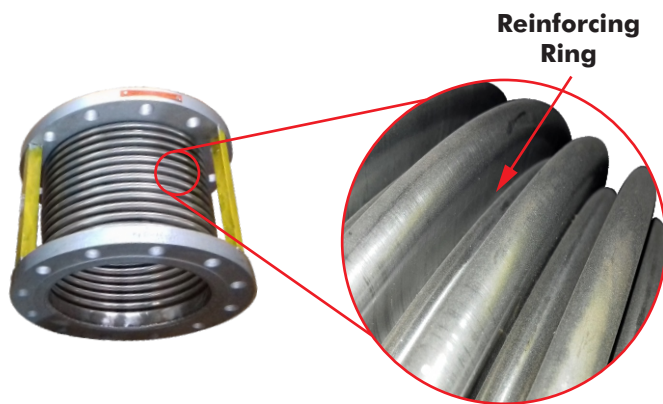


This model is used in cases of high internal pressures. The system involves the use of reinforcement rings located around the outside of the convolution thus preventing the bellows being forced out of shape due to the high pressures. Equalizing and Reinforcing Rings are devices used on some expansion joints fitting snugly in the roots of the convolutions. The primary purpose of these devices is to reinforce the bellows against internal pressure. Equalizing and reinforcing rings are made of carbon steel, stainless steel or other suitable alloys. Reinforcing rings are usually "T" shaped in cross section and equalizing rings are generally fabricated from tubing or solid round bars of carbon steel, stainless steel, or other suitable alloys. Bellows including reinforcing or equalizing rings can be incorporated to any type of Expansion Joint (Axial, Lateral, Angular, etc.).



### PN - 40

Model No. <small>Nominal Bore x Overall Length</small>	Design Temperature upto	Maximum Working Pressure	Lateral Movement (mm)	Axial Movement (mm)	Cycle Life (Cycles)	End Flanges Details
SSMBRR 2" x 200	250°C	40Kg/cm <sup>2</sup>	2	±20	10000	ANSI B 16.5 #300
SSMBRR 2½"x 200	250°C	40Kg/cm <sup>2</sup>	2	±20	10000	ANSI B 16.5 #300
SSMBRR 3" x 200	250°C	40Kg/cm <sup>2</sup>	2	±20	10000	ANSI B 16.5 #300
SSMBRR 4" x 200	250°C	40Kg/cm <sup>2</sup>	2	±20	10000	ANSI B 16.5 #300
SSMBRR 5" x 200	250°C	40Kg/cm <sup>2</sup>	2	±20	10000	ANSI B 16.5 #300
SSMBRR 6" x 200	250°C	40Kg/cm <sup>2</sup>	2	±20	10000	ANSI B 16.5 #300
SSMBRR 8" x 200	250°C	40Kg/cm <sup>2</sup>	2	±20	10000	ANSI B 16.5 #300
SSMBRR 10" x 250	250°C	40Kg/cm <sup>2</sup>	2	±20	10000	ANSI B 16.5 #300
SSMBRR 12" x 250	250°C	40Kg/cm <sup>2</sup>	2	±20	10000	ANSI B 16.5 #300
SSMBRR 14" x 250	250°C	40Kg/cm <sup>2</sup>	2	±20	10000	ANSI B 16.5 #300
SSMBRR 16" x 250	250°C	40Kg/cm <sup>2</sup>	2	±20	10000	ANSI B 16.5 #300
SSMBRR 18" x 250	250°C	40Kg/cm <sup>2</sup>	2	±20	10000	ANSI B 16.5 #300
SSMBRR 20" x 300	250°C	40Kg/cm <sup>2</sup>	2	±20	10000	ANSI B 16.5 #300
SSMBRR 24" x 300	250°C	40Kg/cm <sup>2</sup>	2	±20	10000	ANSI B 16.5 #300

### Compliance - ASTM F1120, EJMA 10

- Material of Standard Metallic Bellows SA 240 TP 304, SA 240 TP 316/321 also available.
- Material of End Flanges IS 2062 Grade 2 (Carbon Steel)
- Custom Made Bellows as per customer specification available for additional movements.
- End Flanges as per customers specification available.
- Accessories like nut bolts / gaskets / tie rod assembly / mating flanges available at extra cost.
- Compliance - Metallic Bellows designed as EJMA USA 10th Edition.)