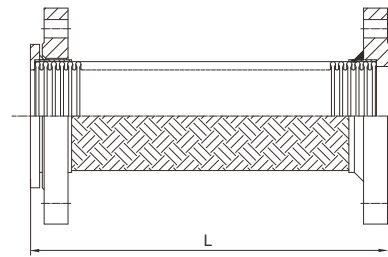


## Flanged flexible joint (Braided)

Braided flexible joint is made by SS bellows and wire braid, and it is flexible unit installed in piping system to absorb vibration and shock, reduce noise, and compensate misalignment.



- Certificate: FM Approved
- Standard: EJMA
- Connection: Flanged as ANSI B16.5 Class 150, EN 1092-1 PN16
- Temperature: Max 107° C
- W. pressure: 230 / 300 psi (As FM)
- Surface: Red / blue / green painting



### Main parts and material

<b>Bellows</b>	SS 304, annular type	<b>Wire braid</b>	SS 304
<b>Flanges</b>	Carbon steel, or SS	<b>Collar ring</b>	SS 304

### Available size (Source 1 with WP 230psi)

Size		Total length (mm)	Lateral allowable movement (mm)	Connection	Working pressure (psi)	Ref. No.
Inch	DN					
2"	50	300	18	Class 150 / PN16	230	U2101
2-1/2"	65	300	16	Class 150 / PN16	230	U2102
3"	80	300	14	Class 150 / PN16	230	U2103
4"	100	300	12	Class 150 / PN16	230	U2104
5"	125	300	12	Class 150 / PN16	230	U2105
6"	150	300	12	Class 150 / PN16	230	U2106
8"	200	300	8	Class 150 / PN16	230	U2107
10"	250	300	8	Class 150 / PN16	230	U2108
12"	300	300	7	Class 150 / PN16	230	U2109
14"	350	300	6	Class 150 / PN16	230	U2110
16"	400	300	6	Class 150 / PN16	230	U2111
20"	500	300	5	Class 150 / PN16	230	U2112
24"	600	300	5	Class 150 / PN16	230	U2113

**Note:**

1. For total length, it is available with 200mm, 400mm, 800mm, 1000mm, 4000mm, etc.
2. For flanged connection, it is available with ANSI B16.1 Class 125 / 250, B16.42 Class 150 / 300, EN 1092-2 PN10 / PN16 / PN25, etc.
3. Other sizes also available as per customer inquiry.

# Flanged flexible joint (Braided)

## Available size (Source 2 with WP 300psi)

Size		Total length (mm)	Lateral allowable movement (mm)	Connection	Working pressure (psi)	Ref. No.
Inch	DN					
1"	25	230	/	Class 150 / PN16	300	U2121
1-1/4"	32	230	/	Class 150 / PN16	300	U2122
1-1/2"	40	230	/	Class 150 / PN16	300	U2123
2"	50	230	/	Class 150 / PN16	300	U2124
2-1/2"	65	230	26	Class 150 / PN16	300	U2125
3"	80	230	22	Class 150 / PN16	300	U2126
4"	100	230	17	Class 150 / PN16	300	U2127
5"	125	280	22	Class 150 / PN16	300	U2128
6"	150	280	18	Class 150 / PN16	300	U2129
8"	200	300	16	Class 150 / PN16	300	U2130
10"	250	330	17	Class 150 / PN16	300	U2131
12"	300	350	14	Class 150 / PN16	300	U2132
14"	350	350	12	Class 150 / PN16	300	U2133
16"	400	400	14	Class 150 / PN16	300	U2134

**Note:**

1. For total length, it is available with 200mm, 400mm, 800mm, 1000mm, 4000mm, etc.
2. For flanged connection, it is available with ANSI B16.1 Class 125 / 250, B16.42 Class 150 / 300, EN 1092-2 PN10 / PN16 / PN25, etc.
3. Other sizes are available as customer request.