

# EXHAUST FLEXIBLE CONNECTORS

Senior Flexonics Canada exhaust flexible connectors are specifically designed for low pressure (15 psig) applications that require a high degree of flexibility.

Designed to produce low spring forces with a reduced assembly weight, our exhaust flexible connectors are an ideal solution for vibration and corrosive gas applications such as marine and stationary diesel engines, gas turbines and forced air ducting applications.

Available with plate flanges, angle flanges or weld ends.  
(Consult factory for larger sizes)

## MATERIALS OF CONSTRUCTION

- **BELLOWS:** ASTM A240 T321-Multi-Ply
- **PIPE:** Carbon Steel/Stainless Steel
- **FLANGES:** Carbon Steel/Stainless Steel
- **LINERS:** 300 Series Stainless Steel
- **COVERS:** Carbon Steel

## EXHAUST CONNECTOR DATA

SINGLE	
Size Range	2" to 48"* NPS
Allowable Pressure Stainless Steel Bellows	Vacuum to 15 psig
Temperature Limits Stainless Steel Bellows	-20F to 1500F. **
Axial Traverse	To 4.5" . . . (depending on size)
Lateral Motion	Up to 1.0" . . . (depending on size)

\* For sizes larger than 18" consult factory for information.

\*\* With special alloys, temperatures of minus 300°F. to plus 1600°F. can be handled.



## STYLE DEJ DIESEL EXHAUST EXPANSION JOINTS

Pipe Size	Size Designation(in.)	Axial Mmt. (in.)	Lateral Offset (in.)	Axial Sp. Rate (lbs/in.)	Lateral Sp. Rate (lbs/in.)	OAL Length (in.)		Approx. Weight (lbs)	
						Flanged End	Weld End	Flanged End	Weld End
3	DEJ-030-S	2.0	0.63	183	87	8.0	11.0	9	5
	DEJ-030-L	3.5	1.00	107	17	13.0	16.0	10	6
4	DEJ-040-S	2.0	0.63	136	106	8.0	11.0	12	7
	DEJ-040-L	3.5	1.00	79	21	13.0	16.0	14	9
5	DEJ-050-S	2.0	0.63	144	159	8.0	11.0	14	8
	DEJ-050-L	3.5	1.00	86	34	13.0	16.0	16	10
6	DEJ-060-S	2.5	0.63	165	249	8.0	11.0	16	11
	DEJ-060-L	4.0	1.00	99	53	13.0	16.0	19	13
8	DEJ-080-S	2.5	0.63	206	505	8.0	11.0	28	15
	DEJ-080-L	4.0	1.00	123	109	13.0	16.0	31	19
10	DEJ-100-S	3.0	0.50	115	454	8.0	11.0	35	21
	DEJ-100-L	4.5	0.88	70	103	13.0	16.0	40	25
12	DEJ-120-S	3.0	0.50	132	717	8.0	12.0	50	25
	DEJ-120-L	4.5	0.88	80	163	13.0	17.0	55	31
14	DEJ-140-S	3.0	0.50	108	751	8.0	12.0	59	25
	DEJ-140-L	4.5	0.88	64	162	13.0	17.0	66	33
16	DEJ-160-S	3.0	0.50	121	1078	9.0	12.0	101	28
	DEJ-160-L	4.5	0.88	72	232	14.0	17.0	108	35
18	DEJ-180-S	3.0	0.50	131	1355	9.0	12.0	102	32
	DEJ-180-L	4.5	0.88	78	314	14.0	17.0	110	40
20	DEJ-200-S	3.0	0.38	141	1916	9.0	12.0	114	35
	DEJ-200-L	4.5	0.50	84	414	14.0	17.0	122	44
22	DEJ-220-S	3.0	0.38	157	2548	9.0	12.0	129	39
	DEJ-220-L	4.5	0.50	94	550	14.0	17.0	138	48
24	DEJ-240-S	3.0	0.30	168	3225	9.0	12.0	150	42
	DEJ-240-L	4.5	0.50	101	696	14.0	17.0	161	53

\* Movement shown are non-concurrent