

Expansion Joints

3" Axial Deflection 2Ply

Description

Expansion joints are designed for reducing stress in exhaust piping and maintaining the life expectancy of your exhaust system and equipment. Manufactured from T321 stainless steel bellows and standard carbon steel flanges drilled to suit ANSI 150# flanges. Expansion joints are typically used for thermal expansion, piping misalignment and vibration.

Selection Guide

Contact a Silex sales representative for information on selecting the appropriate components to suit your specific application.

INNOVATIONS INC.

Model	Nom. Dia. In (mm)	OAL In (mm)	Axial Motion In (mm)	Lateral Motion In (mm)	Axial Spring Rate: lb/inch (N/m)	Lateral Spring Rate: lb/inch(N/m)	Weight Lbs (Kgs)
EJ-035-030-10.75	3.5 (89)	10.75 (273)	3 (76)	1.250 (32)	113 (19775)	32 (5600)	15 (7)
EJ-045-030-10.75	4 (102)	10.75 (273)	3 (76)	1.250 (32)	143 (25025)	65 (11375)	15 (7)
EJ-056-030-10.75	5 (127)	10.75 (273)	3 (76)	1.125 (29)	70 (12250)	48 (8400)	16 (7)
EJ-066-030-10.75	6 (152)	10.75 (273)	3 (76)	1.000 (25)	81 (14175)	77 (13475)	19 (9)
EJ-086-030-10.75	8 (203)	10.75 (273)	3 (76)	1.000 (25)	102 (17850)	158 (27650)	27 (12)
EJ-107-030-10.75	10 (254)	10.75 (273)	3 (76)	1.000 (25)	57 (9975)	151 (26425)	34 (15)
EJ-127-030-10.75	12 (305)	10.75 (273)	3 (76)	0.875 (22)	66 (11550)	240 (42000)	48 (22)
EJ-014-030-10.75	14 (356)	10.75 (273)	3 (76)	0.750 (19)	84 (14700)	354 (61950)	59 (27)
EJ-016-030-10.75	16 (406)	10.75 (273)	3 (76)	0.750 (19)	95 (16625)	512 (89600)	71 (32)
EJ-018-030-10.75	18 (457)	10.75 (273)	3 (76)	0.625 (16)	105 (18375)	700 (122500)	72 (33)
EJ-020-030-10.75	20 (508)	10.75 (273)	3 (76)	0.500 (13)	114 (19950)	943 (165025)	82 (37)
EJ-022-030-11.25	22 (559)	11.25 (286)	3 (76)	0.500 (13)	123 (21525)	1221 (213675)	128 (58)
EJ-024-030-11.25	24 (610)	11.25 (286)	3 (76)	0.500 (13)	132 (23100)	1548 (270900)	150 (68)
EJ-026-030-11.25	26 (660)	11.25 (286)	3 (76)	0.375 (10)	333 (58275)	4565 (798875)	165 (75)
EJ-028-030-11.25	28 (711)	11.25 (286)	3 (76)	0.375 (10)	356 (62300)	5622 (983850)	181 (82)
EJ-030-030-11.25	30 (762)	11.25 (286)	3 (76)	0.375 (10)	379 (66325)	6830 (1195250)	200 (91)
EJ-032-030-11.25	32 (813)	11.25 (286)	3 (76)	0.250 (6)	402 (70350)	8199 (1434825)	234 (106)
EJ-034-030-11.25	34 (864)	11.25 (286)	3 (76)	0.250 (6)	425 (74375)	9738 (1704150)	245 (111)
EJ-036-030-11.25	36 (914)	11.25 (286)	3 (76)	0.250 (6)	456 (79800)	11675 (2043125)	267 (121)



Bellows section stainless steel type T321

All material mild steel unless otherwise noted.

Finish on mild steel flanges high temperature black paint. Stainless steel flanges available upon request.

All flanges drilled to suit ANSI 150# flanges.

All motions are non-concurrent.

Custom expansion joints and/or inner liner available upon request. Inner liner will restrict lateral motion.

Metric dimensions rounded to nearest mm.

Dimensions and weights are nominal and may vary slightly in production models.

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