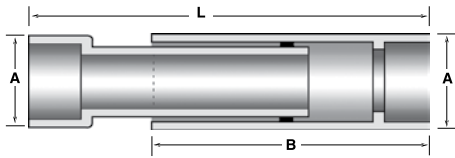


SINGLE EXPANSION JOINT SOCKET X SPIGOT WITH O-RING

Installation of Expansion Joints:

- When the duct is shorter than 100 ft., no Expansion Joint needed
- When the duct is between 100 ft. up to 300 ft., install one Expansion Joint at the mid point
- If the duct is longer than 300 ft., install one Expansion Joint every 300 ft. apart

Note: All Expansion Joints have a yellow line on the nipple end of the joint for proper installation.



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Nominal Size	Type	IPS Item No.	A	B	L - Min	L - Max	Weight lbs	kg
¾	SW	07E-SW-36	1.20 (30)	12 (305)	15 (381)	23 (584)	0.39	(0.18)
1	SW	10E-SW-36	1.46 (37)	12 (305)	15 (381)	23 (584)	0.44	(0.20)
1¼	SW	12E-SW-36	1.81 (46)	12 (305)	15 (381)	23 (584)	0.53	(0.24)
1½	SW	15E-SW-36	2.04 (52)	12 (305)	15 (381)	23 (584)	0.76	(0.35)
2	SW	20E-SW-36	2.54 (65)	12 (305)	15 (381)	23 (584)	0.87	(0.40)
3	SW	30E-SW-36	3.66 (93)	12 (305)	15 (381)	23 (584)	1.38	(0.63)
4	SW	40E-SW-36	4.61 (117)	12 (305)	15 (381)	23 (584)	1.66	(0.75)
4	HW	40E-HW-36	4.69 (119)	12 (305)	15 (381)	23 (584)	2.23	(1.01)
5	MW	50E-MW-36	5.79 (147)	12 (305)	15 (381)	23 (584)	2.76	(1.25)
5	HW	50E-HW-36	5.85 (149)	12 (305)	15 (381)	23 (584)	2.99	(1.36)
6	MW	60E-MW-36	6.85 (174)	12 (305)	15 (381)	23 (584)	3.27	(1.49)
6	HW	60E-HW-36	6.91 (176)	12 (305)	15 (381)	23 (584)	3.75	(1.70)

Nominal Size	Type	ID Item No.	A	B	L - Min	L - Max	Weight lbs	kg
2	SW	20F-SW-36	2.30 (58)	12 (305)	15 (381)	23 (584)	0.78	(0.35)
2½	SW	25F-SW-36	2.80 (71)	12 (305)	15 (381)	23 (584)	0.97	(0.44)
3	SW	30F-SW-36	3.30 (84)	12 (305)	15 (381)	23 (584)	1.10	(0.50)
3½	SW	35F-SW-36	3.80 (96)	12 (305)	15 (381)	23 (584)	1.38	(0.63)
4	SW	40F-SW-36	4.30 (109)	12 (305)	15 (381)	23 (584)	1.59	(0.72)
4	HW	40F-HW-36	4.39 (111)	12 (305)	15 (381)	23 (584)	2.12	(0.96)
4½	SW	45F-SW-36	4.80 (122)	12 (305)	15 (381)	23 (584)	1.73	(0.79)
4½	HW	45F-HW-36	4.89 (124)	12 (305)	15 (381)	23 (584)	2.39	(1.09)
5	MW	50F-MW-36	5.39 (137)	12 (305)	15 (381)	23 (584)	2.60	(1.18)
5	HW	50F-HW-36	5.42 (138)	12 (305)	15 (381)	23 (584)	3.04	(1.38)
6	MW	60F-MW-36	6.39 (162)	12 (305)	15 (381)	23 (584)	3.11	(1.41)
6	HW	60F-HW-36	6.42 (163)	12 (305)	15 (381)	23 (584)	3.63	(1.65)

Nominal Size	Type	Item No.	A	B	L - Min	L - Max	Weight lbs	kg
¾	XW	07E-XW-36	1.94 (54)	12 (305)	15 (381)	23 (584)	1.40	(0.64)
1	XW	10E-XW-36	2.20 (61)	12 (305)	15 (381)	23 (584)	1.57	(0.71)
1¼	XW	12E-XW-36	2.55 (65)	12 (305)	15 (381)	23 (584)	1.89	(0.86)
1½	XW	15E-XW-36	2.79 (71)	12 (305)	15 (381)	23 (584)	2.72	(1.23)
2	XW	20F-XW-36	3.00 (76)	12 (305)	15 (381)	23 (584)	2.90	(1.32)
2½	XW	25F-XW-36	3.53 (90)	12 (305)	15 (381)	23 (584)	3.56	(1.61)
3	XW	30F-XW-36	4.00 (102)	12 (305)	15 (381)	23 (584)	4.19	(1.90)
3½	XW	35F-XW-36	4.53 (115)	12 (305)	15 (381)	23 (584)	4.83	(2.19)
4	XW	40F-XW-36	5.00 (127)	14 (356)	19 (482)	27 (686)	6.42	(2.92)
5	XW	50F-XW-36	6.00 (152)	14 (356)	19 (482)	27 (686)	7.94	(3.60)
6	XW	60F-XW-36	7.00 (178)	14 (356)	19 (482)	27 (686)	10.06	(4.57)

Nominal Size	Type	IPS Item No.	A	B	L - Min	L - Max	Weight lbs	kg
¾	SW	07E-SW-37	1.20 (30)	12 (305)	18 (457)	26 (660)	0.49	(0.22)
1	SW	10E-SW-37	1.46 (37)	12 (305)	18 (457)	26 (660)	0.55	(0.25)
1¼	SW	12E-SW-37	1.81 (46)	12 (305)	18 (457)	26 (660)	0.66	(0.30)
1½	SW	15E-SW-37	2.04 (52)	12 (305)	18 (457)	26 (660)	0.76	(0.35)
2	SW	20E-SW-37	2.54 (65)	12 (305)	18 (457)	26 (660)	1.09	(0.50)
3	SW	30E-SW-37	3.66 (93)	12 (305)	18 (457)	26 (660)	1.73	(0.79)
4	SW	40E-SW-37	4.61 (117)	12 (305)	18 (457)	26 (660)	2.07	(0.94)
4	HW	40E-HW-37	4.69 (119)	12 (305)	18 (457)	26 (660)	2.79	(1.27)
5	MW	50E-MW-37	5.79 (147)	12 (305)	18 (457)	26 (660)	3.45	(1.57)
5	HW	50E-HW-37	5.85 (149)	12 (305)	18 (457)	26 (660)	3.74	(1.70)
6	MW	60E-MW-37	6.85 (174)	12 (305)	18 (457)	26 (660)	4.08	(1.85)
6	HW	60E-HW-37	6.91 (176)	12 (305)	18 (457)	26 (660)	4.69	(2.13)

Nominal Size	Type	ID Item No.	A	B	L - Min	L - Max	Weight lbs	kg
2	SW	20F-SW-37	2.30 (58)	12 (305)	18 (457)	26 (660)	0.98	(0.45)
2½	SW	25F-SW-37	2.80 (71)	12 (305)	18 (457)	26 (660)	1.21	(0.55)
3	SW	30F-SW-37	3.30 (84)	12 (305)	18 (457)	26 (660)	1.38	(0.63)
3½	SW	35F-SW-37	3.80 (96)	12 (305)	18 (457)	26 (660)	1.73	(0.79)
4	SW	40F-SW-37	4.30 (109)	12 (305)	18 (457)	26 (660)	1.98	(0.90)
4	HW	40F-HW-37	4.39 (111)	12 (305)	18 (457)	26 (660)	2.65	(1.20)
4½	SW	45F-SW-37	4.80 (122)	12 (305)	18 (457)	26 (660)	2.16	(0.98)
4½	HW	45F-HW-37	4.89 (124)	12 (305)	18 (457)	26 (660)	2.99	(1.36)
5	MW	50F-MW-37	5.39 (137)	12 (305)	18 (457)	26 (660)	3.25	(1.48)
5	HW	50F-HW-37	5.42 (138)	12 (305)	18 (457)	26 (660)	3.80	(1.73)
6	MW	60F-MW-37	6.39 (162)	12 (305)	18 (457)	26 (660)	3.88	(1.76)
6	HW	60F-HW-37	6.42 (163)	12 (305)	18 (457)	26 (660)	4.54	(2.06)

Nominal Size	Type	Item No.	A	B	L - Min	L - Max	Weight lbs	kg
¾	XW	07E-XW-37	1.94 (54)	12 (305)	15 (381)	23 (584)	1.76	(0.80)
1	XW	10E-XW-37	2.20 (61)	12 (305)	15 (381)	23 (584)	1.97	(0.89)
1¼	XW	12E-XW-37	2.55 (65)	12 (305)	15 (381)	23 (584)	2.35	(1.07)
1½	XW	15E-XW-37	2.79 (71)	12 (305)	15 (381)	23 (584)	2.72	(1.23)
2	XW	20F-XW-37	3.00 (76)	12 (305)	18 (457)	26 (660)	3.62	(1.64)
3	XW	30F-XW-37	4.00 (102)	12 (305)	18 (457)	26 (660)	5.23	(2.37)
4	XW	40F-XW-37	5.00 (127)	14 (356)	22 (559)	32 (812)	7.89	(3.58)
5	XW	50F-XW-37	6.00 (152)	14 (356)	22 (559)	32 (812)	9.75	(4.43)
6	XW	60F-XW-37	7.00 (178)	14 (356)	22 (559)	32 (812)	12.08	(5.48)
8	XW	80E-XW-37	9.42 (239)	14 (356)	22 (559)	32 (812)	16.56	(7.52)