

MODEL

650N EXPANSION JOINT

The **Shurjoint** Model 650N Expansion Joint is a slide-type expansion joint which provides 0 to 3" (0 to 76mm) of axial end movement. The components are supplied epoxy coated (RAL3000 red) for ease of use and longer life. An integral safety device prevents

excess movement and or the accidental pull-out of the grooved end pieces. The Model 650N can also be supplied with plain-ends for use with the Model 79 Wildcat plain-end coupling.

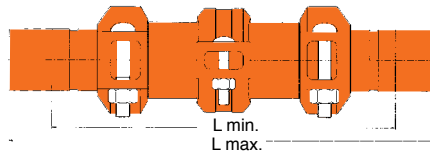
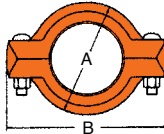
Pressure-Temperature Rating

Nom. Rating	Working Pressure	Max. Service Temperature
Class	300 psi @100°F	EPDM: 230°F / 110°C
150	20 Bar @38°C	Nitrile: 180°F / 82°C

*Working pressure is based on connection with roll- or cut-grooved standard wall carbon steel pipe.

*Shell test, 1.5 times the working pressure, is the proof test pressure.

*Burst pressure is engineered minimum 3 times the working pressure.



Nominal Size mm / in	Pipe O. D. mm / in	Max. Working Pressure Bar / PSI	Max. Movement mm / in	Dimensions				Approx. Weight Kgs / Lbs
				A mm / in	B mm / in	L min. mm / in	L max. mm / in	
50	60.3	20	76	96	144	304	381	6.3
2	2.375	300	3	3.78	5.67	12.00	15.00	13.9
65	73.0	20	76	116	168	304	381	8.7
2½	2.875	300	3	4.57	6.61	12.00	15.00	19.1
76.1 mm	76.1	20	76	116	168	304	381	8.5
	3.000	300	3	4.57	6.61	12.00	15.00	18.7
80	88.9	20	76	146	198	304	381	12.3
3	3.500	300	3	5.76	7.80	12.00	15.00	27.1
100	114.3	20	76	160	250	359	435	18.4
4	4.500	300	3	6.30	9.84	14.13	17.13	40.5
165.1 mm	165.1	20	76	260	334	406	482	41.8
	6.500	300	3	10.25	13.15	16.00	19.00	92.0
150	168.3	20	76	260	334	406	482	42.8
6	6.625	300	3	10.25	13.15	16.00	19.00	94.2