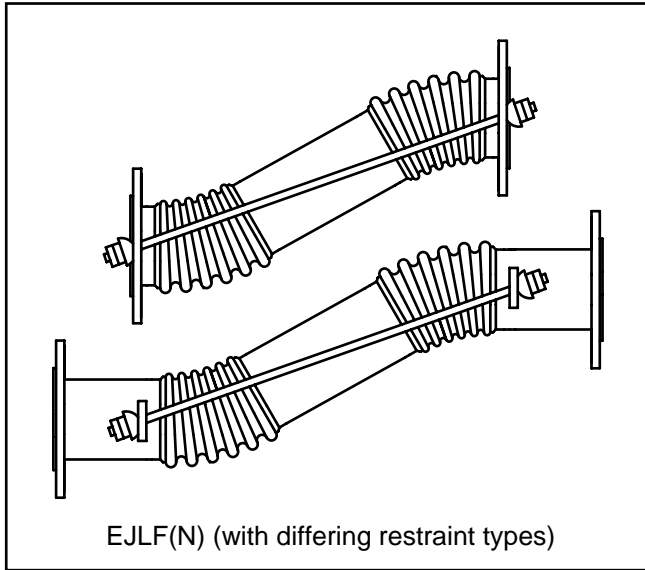


# LATERAL EXPANSION JOINTS

## Model EJLF + EJLFN



### APPLICATIONS

Lateral expansion joints are designed to accommodate thermal pipe expansion in a lateral direction.

These models have either mixed carbon steel / stainless steel internal parts OR stainless steel to ALL wetted parts, and can be used accordingly on steel and copper pipes for the following applications:-

- Low Temperature Heating (LTHW)
- Medium Temp. Heating (MTHW)
- High Temp. Heating (HTHW)
- Domestic Hot Water (DHWS)
- Steam and Condensate

Nominal Size (mm)	Installation Length (mm)	Lateral Deflection (mm)	Force to Deflect (N)	Angular Rate (Nm/deg)	Product Code (model-size-length-mvt)
40	600	25	80	N	EJLF(N)-040-0600-25
50	600	25	80	O	EJLF(N)-050-0600-25
65	600	25	100	T	EJLF(N)-065-0600-25
80	700	25	150		EJLF(N)-080-0700-25
100	700	25	170	A	EJLF(N)-100-0700-25
125	750	25	290	P	EJLF(N)-125-0750-25
150	750	25	700	P	EJLF(N)-150-0750-25
200	800	25	1400	L	EJLF(N)-200-0800-25
250	800	25	2500	I	EJLF(N)-250-0800-25
300	1000	25	3600	C	EJLF(N)-300-1000-25
350	1000	25	3980	A	EJLF(N)-350-1000-25
400	1000	25	5100	B	EJLF(N)-400-1000-25
450	1000	25	7200	L	EJLF(N)-450-1000-25
500	1000	25	9650	E	EJLF(N)-500-1000-25

Add 300mm for each extra 25mm lateral deflection

### SPECIFICATION

EJLF - Flanged model with stainless steel bellows and internal flow sleeve, carbon steel intermediate tube and flanges.

EJLFN - Flanged model with stainless steel bellows, internal flow sleeve, intermediate tube and carbon steel flanges with stainless steel van-stone facing (lapped pipe end).

Designed to EJMA\* Standards. \*Expansion Joint Manufacturers Association.

BS6129 Part 1 applies to the installation.

Conforms with PED\* 97/23/EC. \*Pressure Equipment Directive.

### OPERATING PARAMETERS

These models are designed to suit the pressure and temperature of the media conveyed in compliance with PED 97/23/EC. As a guide, the operating parameters are based on pressure / temperature ratings for ferritic steel flanges from BS4504, where the working pressure is reduced at elevated working temperatures.

Working Temp. Up to	Maximum non-shock Working Pressure for			
	PN6	PN10	PN16	PN25
120 °C.	6.0 Barg.	10.0 Barg.	16.0 Barg.	25.0 Barg.
150 °C.	5.4 Barg.	9.0 Barg.	14.4 Barg.	22.5 Barg.
200 °C.	4.8 Barg.	8.0 Barg.	12.8 Barg.	20.0 Barg.
250 °C.	4.2 Barg.	7.0 Barg.	11.2 Barg.	17.5 Barg.
300 °C.	3.6 Barg.	6.0 Barg.	9.6 Barg.	15.0 Barg.