

Easyflex



Double Arch Floating Flange Bellow (Series REJDAFF)

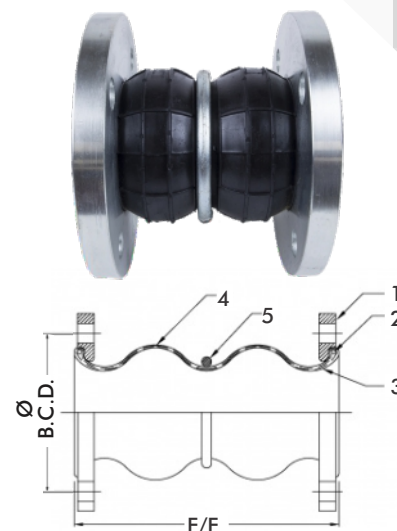
Vv VibraSystems

Applications

- Pressure piping systems in building equipment and general industrial plants.
- Pump and turbine lines used for power generation plants, industrial machinery and universal pump blowers.
- Feed-water & drainage lines for waterworks & sanitary piping systems.
- Pipelines for industrial plants and shipbuilding yards.

Features

- Applicable for suction and delivery (discharge).
- Designed for greater compression, elongation, and angular movement than the single sphere expansion joint.
- Excellent for absorbing thermal expansion and eliminating sound and vibration.
- Gaskets and packing not required.
- Good electrical insulator.
- Absorbs water pulsation and minimizes water hammering.



Operating Conditions

Size Range	1-1/2"-24"
Operating Pressure	up to 290 psi - 20 bar
Operating Temp. Range*	14°-239°F / -10°-115°C (EPDM)
Test Pressure	435 psi - 30 bar
Vacuum Rating*	Contact Easyflex

Note: Also Available in 145/232 psi - 10/16 bar.

Materials

Part	Part Description	Material
1	Flanges	Mild Steel Plated
2	Reinforcing Fabric	Nylon
3	Reinforcing Wire	Mild Steel
4	Tube/Cover	EPDM
5	Strengthening Ring	Mild Steel Plated

DIMENSION & ALLOWABLE MOVEMENTS

Models	Nominal Pipe Size Inch	Face To Face Dimension Inch	Allowable Motion Ratings* Comp. Inch	Allowable Motion Ratings* Elongation Inch	Allowable Motion Ratings* Lateral Inch	Allowable Motion Ratings* Angular	ANSI B16.5 #150				Approx. Shipping weight (lbs)
							Outer Dia Inch	Ø B.C.D. Inch	No. of Hole	Hole Dia Inch	
REJDAFF-1"X6"-EP-CSF-CL150	1	7	2	1-1/8	1-3/4	35°	4.25	3.1	4	0.62	6.6
REJDAFF-1.25"X6"-EP-CSF-CL150	1.25	7	2"	1-1/8	1-3/4	35°	4.62	3.5	4	0.62	7.5
REJDAFF-1.5"X6"-EP-CSF-CL150	1.5	7	2	1-1/8	1-3/4	35°	5	3.9	4	0.62	7.7
REJDAFF-2"X6"-EP-CSF-CL150	2	7	2	1-1/8	1-3/4	35°	6	4.75	4	0.75	8.2
REJDAFF-2.5"X6"-EP-CSF-CL150	2.5	7	2	1-1/8	1-3/4	35°	7	5.5	4	0.75	10.1
REJDAFF-3"X6"-EP-CSF-CL150	3	7	2	1-3/8	1-3/4	35°	7.5	6	4	0.75	12.8
REJDAFF-4"X6"-EP-CSF-CL150	4	9	2	1-3/8	1-9/16	35°	9	7.5	8	0.75	17.6
REJDAFF-5"X6"-EP-CSF-CL150	5	9	2	1-3/8	1-9/16	30°	10	8.5	8	0.88	21.8
REJDAFF-6"X6"-EP-CSF-CL150	6	9	2	1-3/8	1-9/16	30°	11	9.5	8	0.88	25.6
REJDAFF-8"X6"-EP-CSF-CL150	8	13	2-3/8	1-3/8	1-3/8	30°	13.5	11.75	8	0.88	42.1
REJDAFF-10"X8"-EP-CSF-CL150	10	13	2-3/8	1-3/8	1-3/8	30°	16	14.25	12	1	58.6
REJDAFF-12"X8"-EP-CSF-CL150	12	13	2-3/8	1-3/8	1-3/8	20°	19	17	12	1	88.2
REJDAFF-14"X8"-EP-CSF-CL150	14	13-3/4	1-9/16	1-1/8	1-1/8	20°	21	18.75	12	1.12	98.5
REJDAFF-16"X8"-EP-CSF-CL150	16	13-3/4	1-9/16	1-1/8	1-1/8	20°	23.5	21.25	16	1.12	125.7
REJDAFF-18"X8"-EP-CSF-CL150	18	13-3/4	1-9/16	1-1/8	1-1/8	20°	25	22.75	16	1.25	141.1
REJDAFF-20"X8"-EP-CSF-CL150	20	13-3/4	1-9/16	1-1/8	1-1/8	20°	27.5	25	20	1.25	172.0
REJDAFF-24"X10"-EP-CSF-CL150	24	13-3/4	1-9/16	1-1/8	1-1/8	20°	32	29.5	20	1.38	202.8

Note: Customized for flanges ANSI B16.5 #300 and DIN (Other Drilling Available on Request)

Warning: Do NOT elongate rubber expansion joints when installing for suction service.