

Type 21DM Demounting Joint



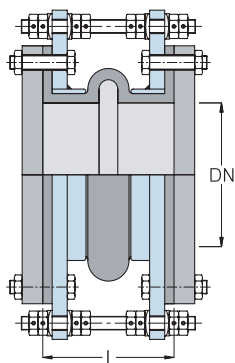
Application

Kurbo Type 21DM, Demounting joints provide axial clearance in the piping system to allow for easy and quick removal or replacement of the pipe component and equipment. It is simply done by compressing the 21DM–demounting joint with its threaded tie rods. The 21DM makes it possible for worker to complete maintenance quickly. In general, removal and assembly of pipe component or equipment for maintenance require lots of time and cost.

We recommend that you include our Type 21DM demounting joint alongside each of these critical components and equipment like valves, shut off gates and pumps etc in the piping considering the maintenance convenience later on.

Feature and Advantage

- Easier and quicker dismantling and replacing components–Maintenance costs and time will be reduced
- Reduced down time and loss of production.
- Weighs a lot less than the demounting joint made of steel–Less handling and installation cost
- L–shaped integral flange help compress the rubber bellows with less force.
- Greater strength and Higher pressure rating : Unique arrangement of spring steel wire and combined construction of bias/radial tire cord increases pressure/vacuum capability : 4 to 1 safety factor for all sizes up to DN2400.
- Greater flexibility : Wide arch profile and fabric angle adjustment provides great flexibility and increased all directional movement capability
- The 21DM made of elastomer offers no noise and vibration transfer to the mating flanges on pipe or equipment side.
- Wide spectrum of elastomers available–Natural rubber, Neoprene, Chlorobutyl, Nitrile, EPDM, CSM, Viton and other special grade rubber for individual piping system
- Flanged design : No gasket required due to seamless rubber flange face.
- The 21DM with turn buckles available



Movement and Pressure Rating

Nominal Size		Minimum Length		Movement Capability				Max. Pressure (bar)	Vacuum Rating (mmHg)
				Comp. (mm)	Ext. (mm)	Lat. (mm)	Ang. (deg.)		
DN	inch	mm	inch						
150	6	200	8	40	20	12	14.7	10	710
200	8	200	8	40	20	12	11.1	10	710
250	10	200	8	40	20	12	8.9	10	710
300	12	250	10	40	20	12	7.5	10	710
350	14	250	10	40	20	12	6.4	10	710
400	16	250	10	40	20	12	5.6	8	710
450	18	250	10	40	20	12	5.0	8	710
500	20	250	10	40	20	12	4.5	8	710
550	22	250	10	40	20	12	4.1	8	710
600	24	250	10	50	25	12	4.7	8	710
650	26	250	10	50	25	12	4.3	7	710
700	28	250	10	50	25	12	4.0	7	710
750	30	250	10	50	25	12	3.8	7	710
800	32	300	12	50	25	12	3.5	7	710
850	34	300	12	50	25	12	3.3	7	710
900	36	300	12	50	25	12	3.1	7	710
950	38	300	12	50	25	12	3.0	7	710
1000	40	300	12	50	25	12	2.8	7	710
1050	42	300	12	50	25	12	2.7	6	710
1100	44	300	12	50	25	12	2.6	6	710
1150	46	300	12	50	25	12	2.5	6	710
1200	48	300	12	50	25	12	2.3	6	710
1250	50	300	12	50	25	12	2.3	6	660
1300	52	350	14	50	25	12	2.2	6	660
1350	54	350	14	50	25	12	2.1	6	660
1400	56	350	14	50	25	12	2.0	6	660
1450	58	350	14	50	25	12	1.9	6	660
1500	60	350	14	50	25	12	1.9	6	660
1650	66	350	14	50	25	12	1.7	6	660
1800	72	350	14	50	25	12	1.6	5	660
1950	78	350	14	50	25	12	1.4	5	660
2100	84	350	14	50	25	12	1.3	5	660
2250	90	350	14	50	25	12	1.3	4	660
2400	96	350	14	50	25	12	1.2	4	660

1. All flange drilling available.
 2. Contact Kurbo for additional information such as other sizes, lengths and pressures not listed.