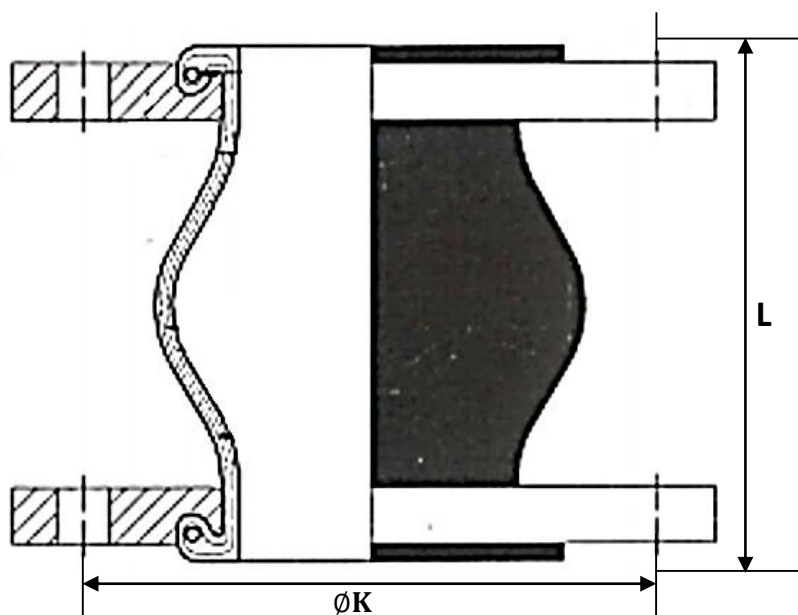




FLEXIBLE RUBBER JOINT



PRODUCT ADVANTAGES

The flange adopts the standard forging process, the outer diameter and thickness are errorless and the service life is improved for more than 5 years. The rubber ball is made by EPDM, which includes over 40% amount of rubber and possess tensile, compressive, aging resistant, high temperature resistant, low temperature resistant, 2 years more than conventional rubber. The number of rubber linings in the rubber ball exceeds the CJ/T208-2005 standard. The thickness of both ends of the rubber ball is increased by 10mm, and the wire loop is added to prevent the ball from pulling off. Rubber ball contains steel wire which resists distortion, shock resistance coefficient increased by 10%. Each product will be inspected for appearance, hardness, air tightness, pressure and flange pull-off before leaving the factory, unqualified products are not allowed to leave the factory. Flange is sprayed with more than 250um thickness powder, which reduces the rust generated in humid environment by more than 70% and increases the oxidation resistance by more than 20%.

TECHNICAL PARAMETERS

Model	KTX	Working Temperature	-20°C~120°C
Name	Flexible Rubber Joint	Suitable Medium	Water, Oil
Pressure	PN10/16/25 Class150/10K/Table D/Table E	Application	Municipal Construction, hydraulic engineering, electricity, water supply and drainage, water treatment and chemical industry
Size	DN40-DN1200		

EXECUTIVE STANDARD

Name	Design and manufacture	Face to face length	Pressure Test	End Flange
Reference Standard	GB/T 26121	GB/T 26121	GB/T 26121	Q235

MATERIAL AND MAIN PARTS

Name	Inner and outer rubber layers	Main Body	Reinforcement Ring	Flange
Material	EPDM	Nylon Cord Fabric	Wire Rope	Q235
Name	Inner and outer rubber layers	Main Body	Reinforcement Ring	Flange
Optional	NBR/FKM	Nylon Cord Fabric	Wire Rope	20#/304/316

DIMENSION

Size			PN10		PN16		PN25		Class150		JIS10K	
DN	NPS	L	ØK	N-Ød	ØK	N-Ød	ØK	N-Ød	ØK	N-Ød	ØK	N-Ød
DN40	1.5"	95	110	4-Ø18	110	4-Ø18	110	4-Ø18	98.4	4-Ø16	105	4-Ø19
DN50	2"	105	125	4-Ø18	125	4-Ø18	125	4-Ø18	120.7	4-Ø19	120	4-Ø19
DN65	2.5"	115	145	4-Ø18	145	4-Ø18	145	8-Ø18	139.7	4-Ø19	140	4-Ø19
DN80	3"	135	160	8-Ø18	160	8-Ø18	160	8-Ø18	152.4	4-Ø19	150	8-Ø19
DN100	4"	150	180	8-Ø18	180	8-Ø18	190	8-Ø22	190.5	8-Ø19	175	8-Ø19
DN125	5"	165	210	8-Ø18	210	8-Ø18	220	8-Ø26	215.9	8-Ø22.4	210	8-Ø23
DN150	6"	180	240	8-Ø22	240	8-Ø22	250	8-Ø26	241.3	8-Ø22.4	240	8-Ø23
DN200	8"	210	295	8-Ø22	295	12-Ø22	310	12-Ø26	298.4	8-Ø22.4	290	12-Ø23
DN250	10"	230	350	12-Ø22	355	12-Ø26	370	12-Ø30	361.9	12-Ø25.4	355	12-Ø25
DN300	12"	245	400	12-Ø22	410	12-Ø26	430	16-Ø30	431.8	12-Ø25.4	400	16-Ø25
DN350	14"	255	460	16-Ø22	470	16-Ø26	490	16-Ø33	476.2	12-Ø28.4	445	16-Ø25
DN400	16"	255	515	16-Ø26	525	16-Ø30	550	16-Ø36	539.7	16-Ø28.4	510	16-Ø27
DN450	18"	255	565	20-Ø26	585	20-Ø30	600	20-Ø36	577.8	16-Ø31.8	556	20-Ø27
DN500	20"	255	620	20-Ø26	650	20-Ø33	660	20-Ø36	635.0	20-Ø31.8	620	20-Ø27
DN600	24"	260	725	20-Ø30	770	20-Ø36	770	20-Ø39	749.3	20-Ø35.1	730	24-Ø33
DN700	28"	260	840	24-Ø30	840	24-Ø36	875	24-Ø42	863.6	28-Ø35.1	840	24-Ø33
DN800	32"	260	950	24-Ø33	950	24-Ø39	990	24-Ø48	977.9	28-Ø41.1	950	28-Ø33
DN900	36"	260	1050	28-Ø33	1050	28-Ø39	1090	28-Ø48	1085.8	32-Ø41.1	1050	28-Ø33
DN1000	40"	260	1160	28-Ø36	1170	28-Ø42	1210	28-Ø56	1200.2	38-Ø41.1	1270	28-Ø39
DN1200	48"	260	1380	32-Ø39	1390	32-Ø48	1420	32-Ø56	1422.4	44-Ø41.1	1380	32-Ø39