

B SERIES SWIVEL JOINT

Water, Hydraulic Oil, Chemical Fluid,
Liquid Food

1/2" (DN15) - 12" (DN300)

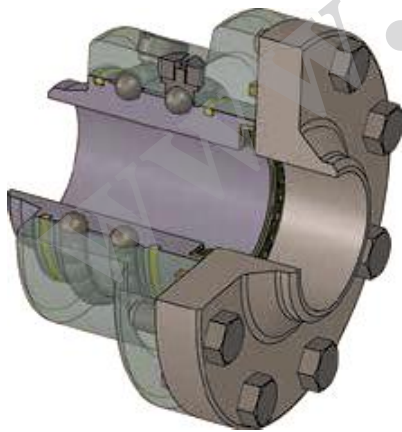
- Single flow , axial
- Flanged, weld end connection
- Easy replacement of sealing parts
- For poor water quality
- Special sealing components (According to fluid)
- Carbon steel or stainless steel body
- Special inner sealing surface (hardened)
- All flange types are available (DN, ANSI etc..)

*** For further information please contact
Rototech or local representative.



Working Conditions

Max. Water Pressure	:	300 bar for 1/2" - 2" 250 bar for 2 1/2" - 5" 100 bar for 6"- 12"
Max. Water Temperature	:	90°C
Max. Speed / RPM	:	1-20 rpm/min. Swivel Rotation



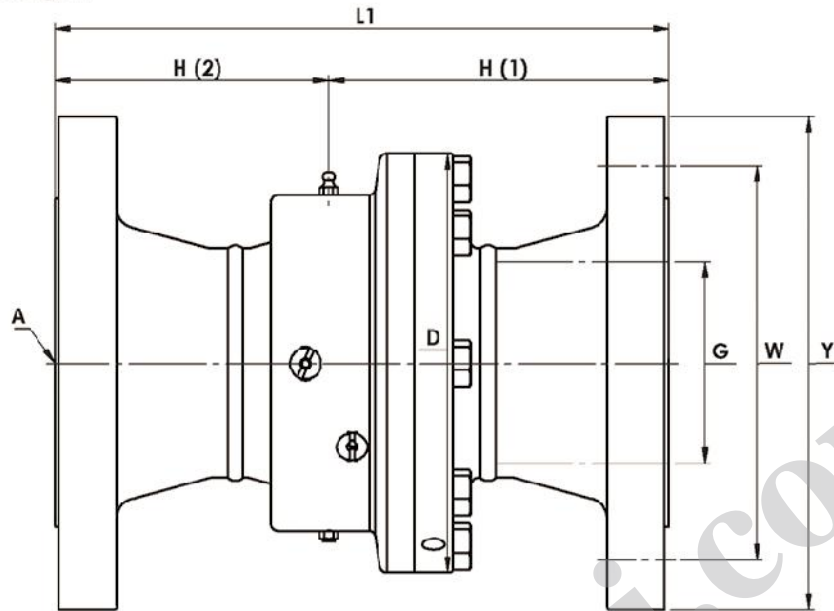
Weld End



Flanged



Flanged



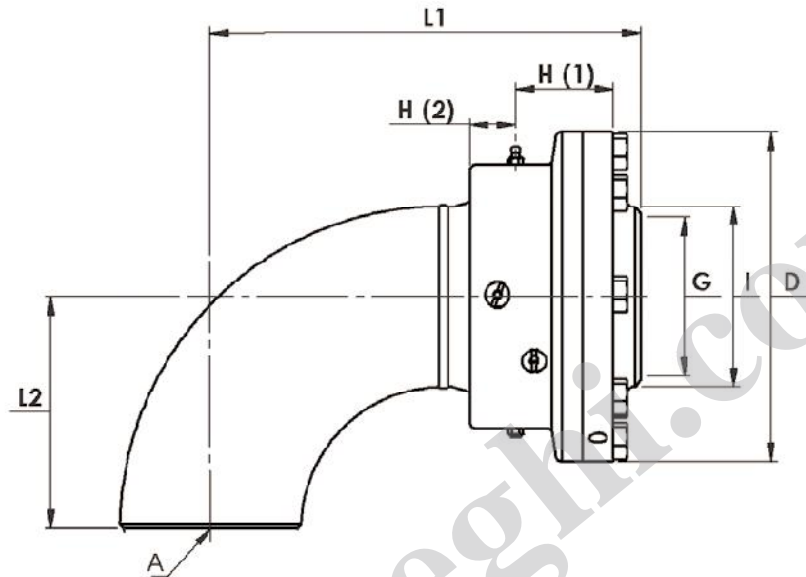
*Custom sized manufacturing are available.

B Series - Type 1 (Weld end & Flanged) Swivel Joints

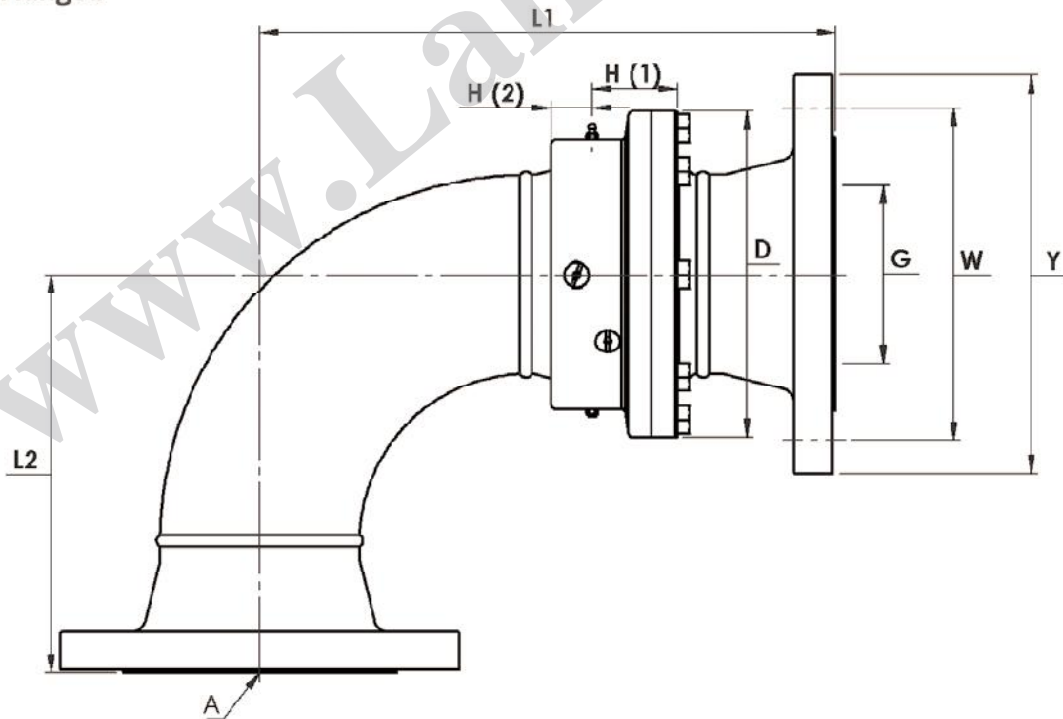
A DN	Connection	Code	ØG	D	I	W	Y	Ø1. & 2. Ball	H(1)	H(2)	L1	Kg
15	Weld End	BKT115	17,70	81	21,30			6	34,00	16,50	75,50	1,30
	Flanged	BF16T115									145,50	2,70
20	Weld End	BKT120	22,60	86	26,90			6	34,00	16,50	75,50	1,30
	Flanged	BF16T120									152,50	3,30
25	Weld End	BKT125	28,50	92	33,70			6	41,50	18,50	85,00	1,75
	Flanged	BF16T125									161,00	4,25
32	Weld End	BKT132	35,00	104	42,40			6	42,50	19,50	87,00	2,50
	Flanged	BF16T132									167,00	5,90
40	Weld End	BKT140	43,00	116	48,30			8	46,50	21,00	92,50	3,40
	Flanged	BF16T140									197,00	7,00
50	Weld End	BKT150	54,50	127	60,30			8	47,50	21,00	112,00	4,00
	Flanged	BF16T150									195,50	9,10
65	Weld End	BKT165	58,00	146	73,00			8	47,50	21,00	95,50	5,00
	Flanged	BF16T165									185,50	12,00
80	Weld End	BKT180	80,00	162	89,00			8	48,00	22,50	94,00	6,00
	Flanged	BF16T180									197,50	15,00
100	Weld End	BKT1100	107,00	185	112,00			10	49,00	23,50	116,50	8,00
	Flanged	BF16T1100									207,00	17,00
125	Weld End	BKT1125	131,70	224	140,00			12	54,00	28,50	117,50	12,50
	Flanged	BF16T1125									227,50	26,00
150	Weld End	BKT1150	159,00	264	169,00			12	56,50	29,00	130,00	18,00
	Flanged	BF16T1150									240,50	33,00
200	Weld End	BKT1200	207,00	334	219,00			15	75,50	38,00	158,50	36,00
	Flanged	BF16T1200									282,50	60,00
250	Weld End	BKT1250	260,00	394	273,00			15	75,50	38,00	158,50	47,50
	Flanged	BF16T1250									298,50	79,50
300	Weld End	BKT1300	300,00	458	324,00			20	70,00	61,00	181,00	74,00
	Flanged	BF16T1300									337,00	114,00

B Series - Type 2 DN15 - DN300 Swivel Joints

Weld End



Flanged



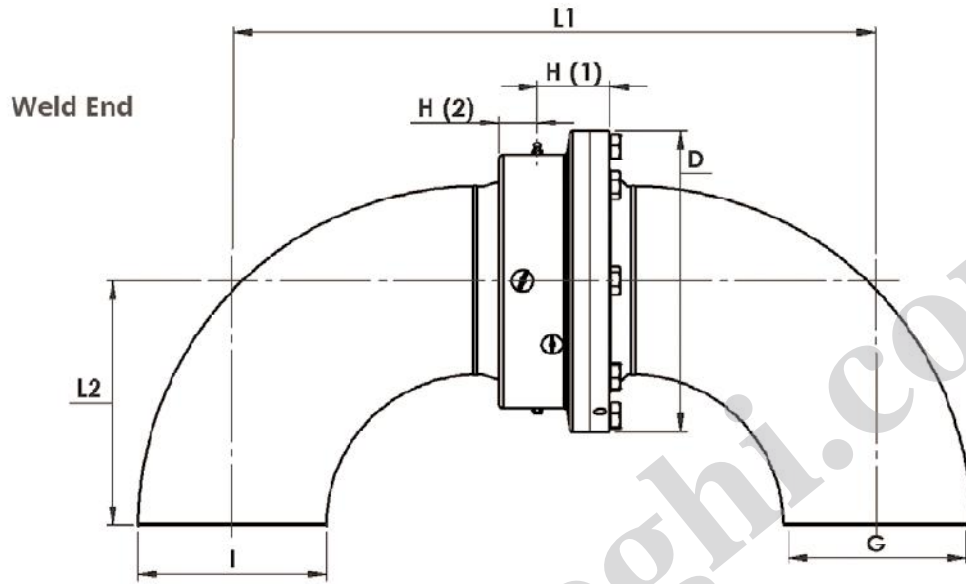
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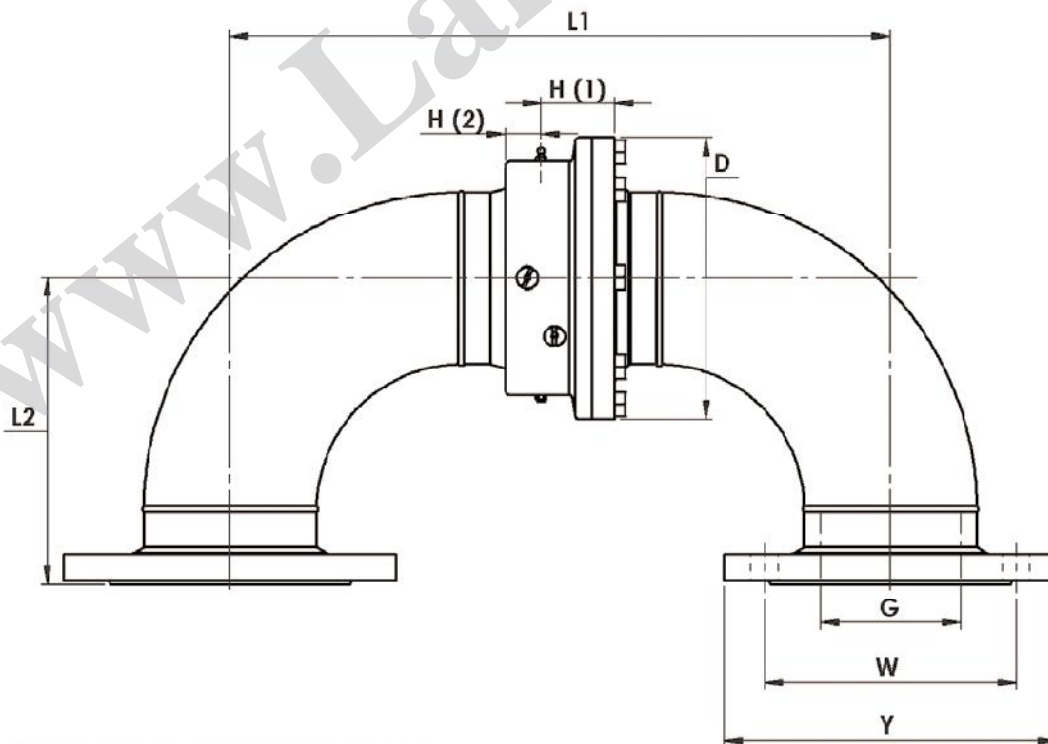
B Series - Type 2 (Weld end & Flanged) Swivel Joints

A DN	Connection	Code	ØG	D	I	W	Y	Ø1. & 2. Ball	H(1)	H(2)	L1	L2	Kg
15	Weld End	BKT215	17,70	81	21,30	65	95	6	34,00	16,50	104,00	29,00	1,40
	Flanged	BF16T215									138,50	63,00	2,80
20	Weld End	BKT220	22,60	86	26,90	70	105	6	34,00	16,50	104,00	29,00	1,60
	Flanged	BF16T220									142,00	66,50	3,40
25	Weld End	BKT225	28,50	92	33,70	85	115	6	41,50	18,50	123,00	38,00	2,00
	Flanged	BF16T225									161,00	76,00	4,35
32	Weld End	BKT232	35,00	104	42,40	100	140	6	42,50	19,50	134,50	47,50	2,75
	Flanged	BF16T232									174,50	87,50	6,10
40	Weld End	BKT240	43,00	116	48,30	110	150	8	46,50	21,00	149,50	57,00	3,60
	Flanged	BF16T240									191,50	99,00	7,30
50	Weld End	BKT250	54,50	127	60,30	125	165	8	47,50	21,00	181,50	76,00	4,85
	Flanged	BF16T250									212,50	118,00	9,95
65	Weld End	BKT265	58,00	146	73,00	145	185	8	47,50	21,00	190,50	95,00	5,80
	Flanged	BF16T265									235,50	137,00	12,90
80	Weld End	BKT280	80,00	162	89,00	160	200	8	48,00	22,50	211,50	114,00	7,50
	Flanged	BF16T280									278,00	184,00	16,20
100	Weld End	BKT2100	107,00	185	112,00	190	220	10	49,00	23,50	269,00	152,50	12,25
	Flanged	BF16T2100									328,60	227,00	20,00
125	Weld End	BKT2125	131,70	224	140,00	182	250	12	54,00	28,50	308,00	190,50	16,10
	Flanged	BF16T2125									350,50	236,00	29,60
150	Weld End	BKT2150	159,00	264	169,00	240	285	12	56,50	29,00	359,00	228,50	24,00
	Flanged	BF16T2150									414,00	283,50	39,00
200	Weld End	BKT2200	207,00	334	219,00	296	340	15	75,50	38,00	463,50	305,00	51,25
	Flanged	BF16T2200									522,50	364,00	73,00
250	Weld End	BKT2250	260,00	394	273,00	355	405	15	75,50	38,00	539,50	381,00	72,00
	Flanged	BF16T2250									609,50	451,00	104,00
300	Weld End	BKT2300	300,00	458	324,00	410	460	20	70,00	61,00	638,00	457,00	130,00
	Flanged	BF16T2300									753,00	570,00	204,50

B Series - Type 3 DN15 - DN300 Swivel Joints



Flanged



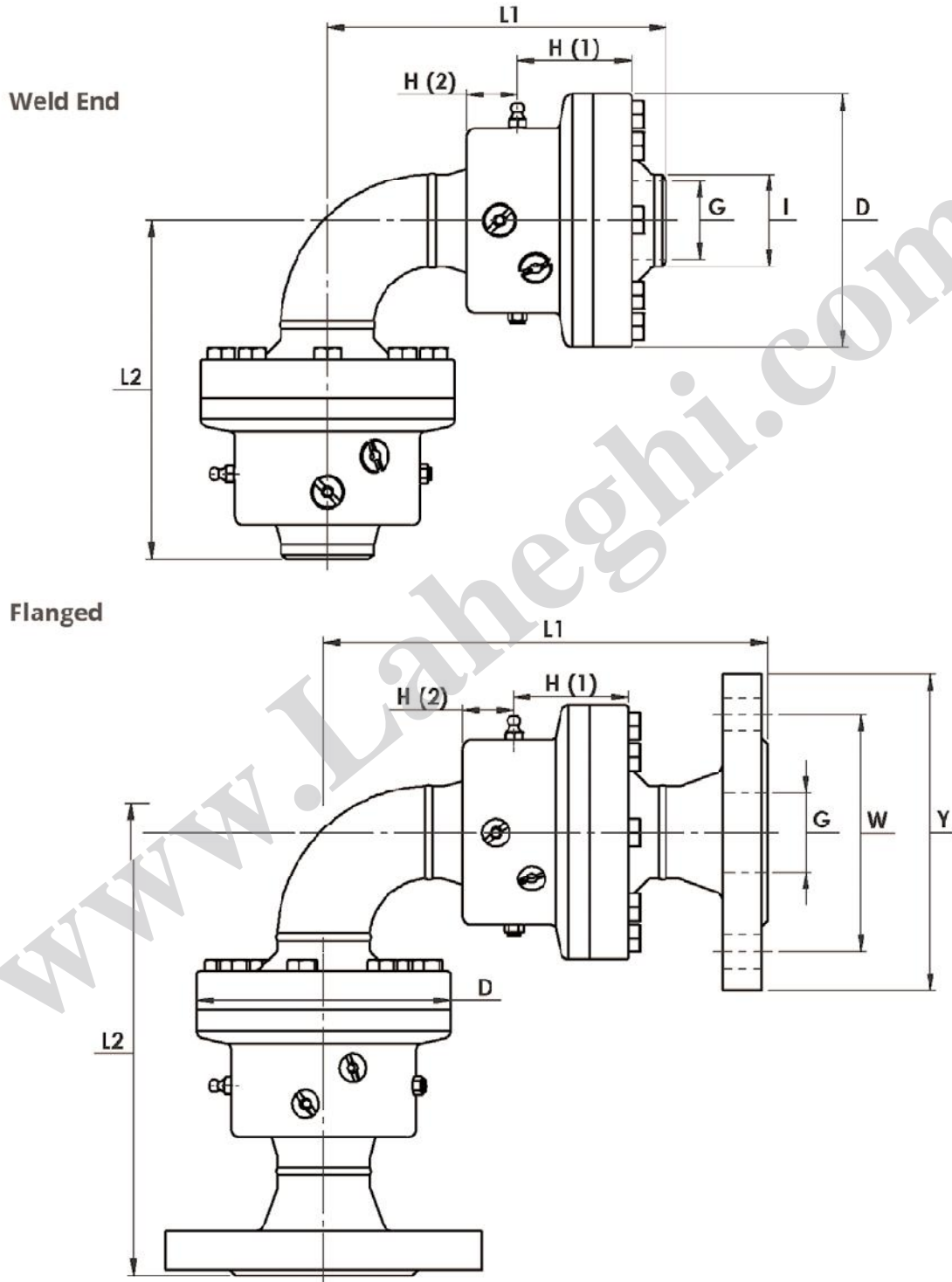
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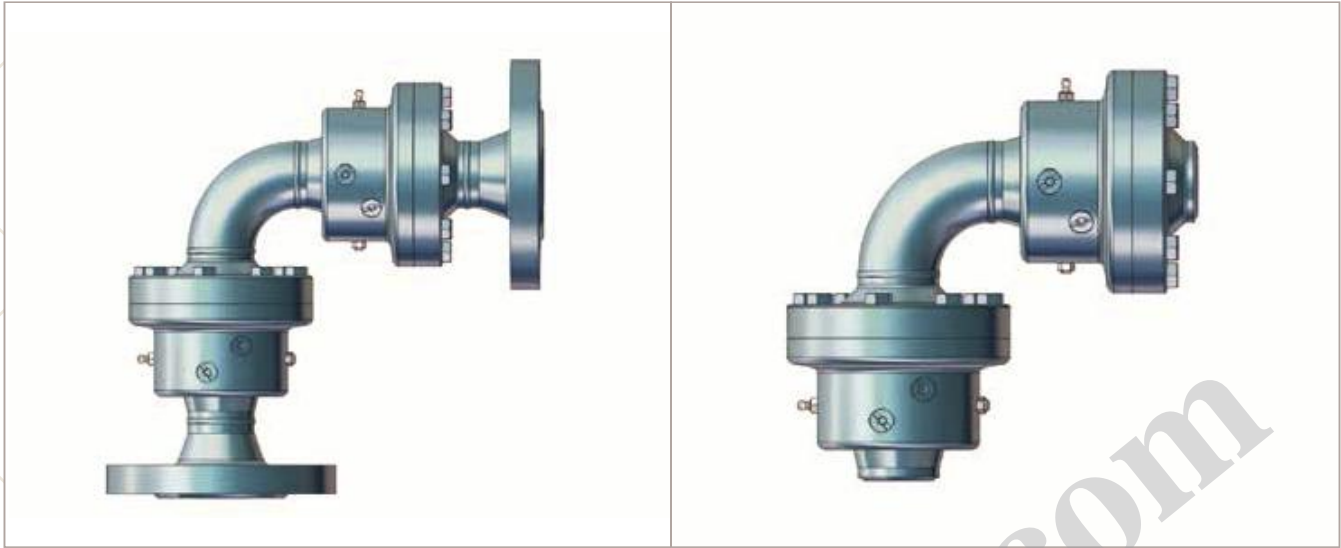
B Series - Type 3 (Weld end & Flanged) Swivel Joints

A DN	Connection	Code	ØG	D	I	W	Y	Ø1. & 2. Ball	H(1)	H(2)	L1	L2	Kg
15	Weld End	BKT315	17,70	81	21,30	65	95	6	34,00	16,50	131,50	29,00	1,50
	Flanged	BF16T315										131,50	63,00
20	Weld End	BKT320	22,60	86	26,90	70	105	6	34,00	16,50	132,00	29,00	1,70
	Flanged	BF16T320										132,00	66,50
25	Weld End	BKT325	28,50	92	33,70	85	115	6	41,50	18,50	161,00	38,00	2,20
	Flanged	BF16T325										161,00	76,00
32	Weld End	BKT332	35,00	104	42,40	100	140	6	42,50	19,50	182,00	47,50	2,90
	Flanged	BF16T332										182,00	87,50
40	Weld End	BKT340	43,00	116	48,30	110	150	8	46,50	21,00	206,00	57,00	3,90
	Flanged	BF16T340										206,00	99,00
50	Weld End	BKT350	54,50	127	60,30	125	165	8	47,50	21,00	247,50	76,00	5,10
	Flanged	BF16T350										247,50	118,00
65	Weld End	BKT365	58,00	146	73,00	145	185	8	47,50	21,00	285,50	95,00	6,80
	Flanged	BF16T365										285,50	137,00
80	Weld End	BKT380	80,00	162	89,00	160	200	8	48,00	22,50	325,50	114,00	9,00
	Flanged	BF16T380										325,50	184,00
100	Weld End	BKT3100	107,00	185	112,00	190	220	10	49,00	23,50	406,50	152,50	12,50
	Flanged	BF16T3100										406,50	227,00
125	Weld End	BKT3125	131,70	224	140,00	182	250	12	54,00	28,50	479,50	190,50	20,00
	Flanged	BF16T3125										479,50	236,00
150	Weld End	BKT3150	159,00	264	169,00	240	285	12	56,50	29,00	587,50	228,50	30,50
	Flanged	BF16T3150										587,50	283,50
200	Weld End	BKT3200	207,00	334	219,00	296	340	15	75,50	38,00	768,50	305,00	66,00
	Flanged	BF16T3200										768,50	364,00
250	Weld End	BKT3250	260,00	394	273,00	355	405	15	75,50	38,00	920,50	381,00	97,00
	Flanged	BF16T3250										920,50	451,00
300	Weld End	BKT3300	300,00	458	324,00	410	460	20	70,00	61,00	1095,00	457,00	187,00
	Flanged	BF16T3300										1095,00	570,00

B Series - Type 4 DN15 - DN300 Swivel Joints



*Custom sized manufacturing are available.



B Series - Type 4 (Weld end & Flanged) Swivel Joints

A DN	Connection	Code	ØG	D	I	W	Y	Ø1. & 2. Ball	H(1)	H(2)	L1	L2
15	Weld End	BKT315	17,70	81	21,30	65	95	6	34,00	16,50	104,00	104,00
	Flanged	BF16T315									139,00	139,00
20	Weld End	BKT320	22,60	86	26,90	70	105	6	34,00	16,50	104,00	104,00
	Flanged	BF16T320									142,00	142,00
25	Weld End	BKT325	28,50	92	33,70	85	115	6	41,50	18,50	123,00	123,00
	Flanged	BF16T325									161,00	161,00
32	Weld End	BKT332	35,00	104	42,40	100	140	6	42,50	19,50	134,00	134,00
	Flanged	BF16T332									174,50	174,50
40	Weld End	BKT340	43,00	116	48,30	110	150	8	46,50	21,00	150,00	150,00
	Flanged	BF16T340									191,50	191,50
50	Weld End	BKT350	54,50	127	60,30	125	165	8	47,50	21,00	182,00	182,00
	Flanged	BF16T350									227,00	227,00
65	Weld End	BKT365	58,00	146	73,00	145	185	8	47,50	21,00	190,50	190,50
	Flanged	BF16T365									235,50	235,50
80	Weld End	BKT380	80,00	162	89,00	160	200	8	48,00	22,50	209,00	209,00
	Flanged	BF16T380									261,50	261,50
100	Weld End	BKT3100	107,00	185	112,00	190	220	10	49,00	23,50	210,00	210,00
	Flanged	BF16T3100									321,00	321,00
125	Weld End	BKT3125	131,70	224	140,00	182	250	12	54,00	28,50	303,00	303,00
	Flanged	BF16T3125									331,00	331,00
150	Weld End	BKT3150	159,00	264	169,00	240	285	12	56,50	29,00	351,00	351,00
	Flanged	BF16T3150									391,00	391,00
200	Weld End	BKT3200	207,00	334	219,00	296	340	15	75,50	38,00	462,00	462,00
	Flanged	BF16T3200									563,00	563,00



TYPE 1



TYPE 2



TYPE 3



TYPE 4



TYPE 5



TYPE 6



TYPE 7



TYPE 8



TYPE 9