



## DISMANTLING JOINT TYPE KPN/LG2

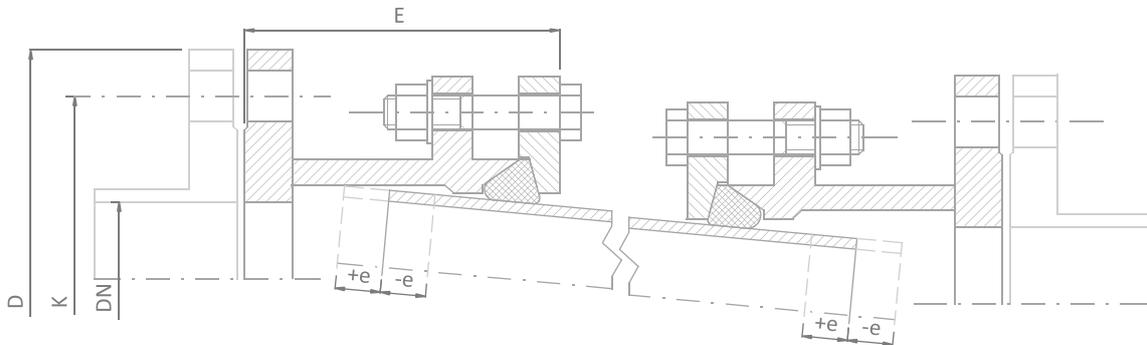
- dismantling joint with axial mounting clearance, applied for installing and removing various types of shut-off and regulating valves,
- value of the radial clearance is 8.7% of the pipe length between the heads.
- possibility of customising face to face length and flange connections,
- dismantling joint is intended for operation with air, gas, drinking water, process water, sewage and other media,
- all stainless steel elements undergo etching and passivation by dipping or spraying,
- dismantling joint KPN/LG2 is used in water supply management and waste-water treatment, power generation, mining, chemical, petrochemical, metallurgical, cement and paper industries.

## TECHNICAL DATA

<b>Flange drilling:</b>	PN 2,5; PN 6; PN 10; PN 16; PN 25 or others
<b>Nominal diameter:</b>	DN 50 to DN 2400. Customised diameters and diameters above DN 2400 made to special orders
<b>Material:</b>	carbon steels, stainless steels, acid resistant steels or others
<b>Corrosion protection:</b>	primer painting, epoxy/bitumen, coating, zinc plating or hot dip galvanization, etching and passivation (stainless and acid resistant steels)
<b>Seal:</b>	NBR, EPDM, Silicone, Viton or others
<b>Standardized elements:</b>	galvanized, A2, A4



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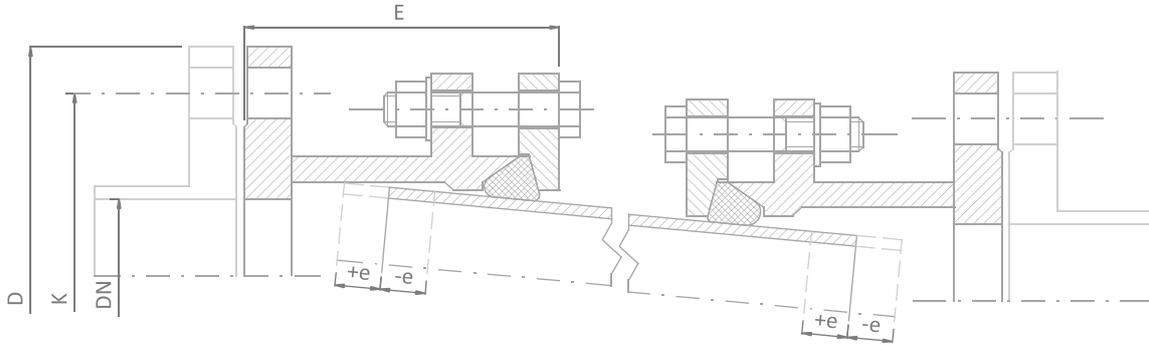
PN-EN 1092-1

Design dimensions based on PN10

DN [mm]	Head length E [mm]	Axial compensation e +/- [mm]	Outside diameter D [mm]	Pitch circle diameter K [mm]	Number of connection holes [pcs.]	Connection holes diameter [mm]	Head weight [kg]	Pipe weight (lm) [kg]
50	140	70	165	125	4	18	9	4
65	140	70	185	145	4	18	10	5,5
80	140	70	200	160	8	18	12	7
100	140	70	220	180	8	18	16	9,5
125	140	70	250	210	8	18	19	13
150	140	70	285	240	8	23	23	17
200	140	90	340	295	8	23	33	31
250	180	90	395	350	12	23	43	41
300	180	90	445	400	12	23	51	56
350	180	90	505	460	16	23	60	68
400	180	90	565	515	16	27	67	100
450	180	90	615	565	20	27	73	120
500	180	90	670	620	20	27	82	145
600	200	110	780	725	20	30	118	155
700	200	110	895	840	24	30	143	175
800	200	110	1015	950	24	33	182	240
900	200	110	1115	1050	28	33	206	272
1000	200	110	1230	1160	28	36	243	300
1200	250	140	1455	1380	32	39	365	450
1400	250	140	1675	1590	36	42	465	630
1600	250	140	1915	1820	40	42	602	715
1800	250	140	2115	1820	40	48	740	795

Other versions available on special order.

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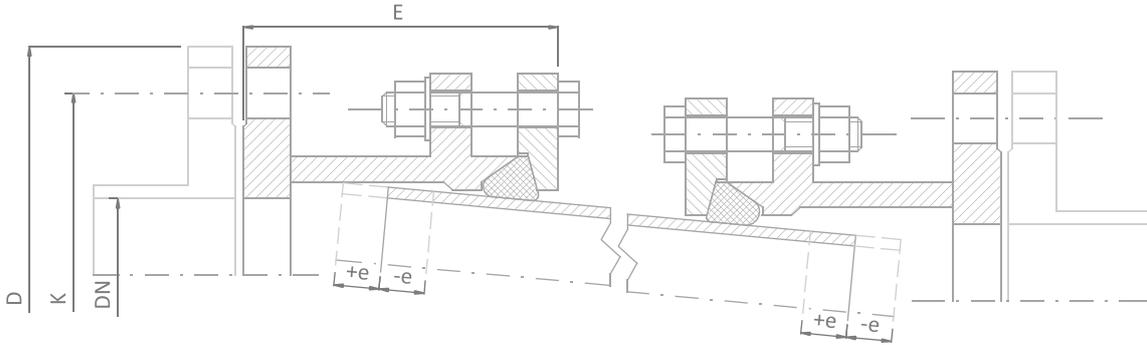
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Design dimensions based on PN16

DN [mm]	Head length E [mm]	Axial compensation e +/- [mm]	Outside diameter D [mm]	Pitch circle diameter K [mm]	Number of connection holes [pcs.]	Connection holes diameter [mm]	Head weight (pcs) [kg]	Pipe weight (lm) [kg]
50	140	70	165	125	4	18	9	4
65	140	70	185	145	4	18	10	5,5
80	140	70	200	160	8	18	12	7
100	140	70	220	180	8	18	16	9
125	140	70	250	210	8	18	19	13
150	140	70	285	240	8	23	23	17
200	140	90	340	295	12	23	33	30
250	180	90	405	355	12	27	44	40
300	180	90	460	410	12	27	53	55
350	180	90	520	470	16	27	66	68
400	180	90	580	525	16	30	78	100
450	180	90	640	585	20	30	87	118
500	180	90	715	650	20	33	100	142
600	250	110	840	770	20	36	145	165
700	250	110	910	840	24	36	165	185
800	250	110	1025	950	24	39	200	240
900	250	110	1125	1050	28	39	254	270
1000	250	110	1255	1170	28	42	280	295
1200	300	140	1485	1390	32	48	420	446
1400	300	140	1685	1590	36	48	505	625

Other versions available on special order.

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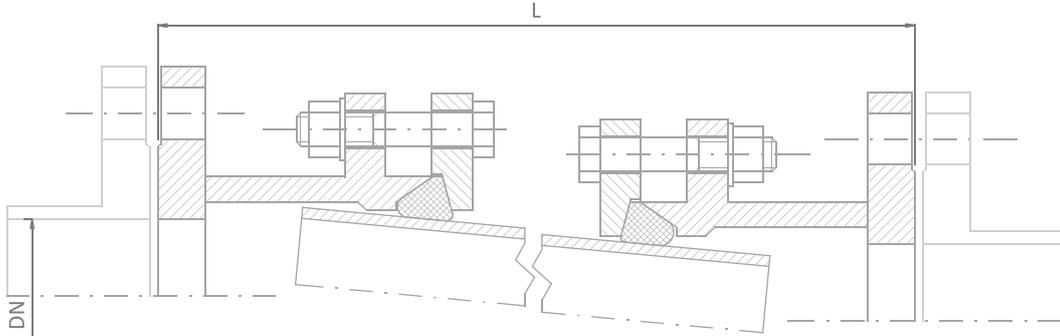
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Design dimensions based on PN25

DN [mm]	Head length E [mm]	Axial compensation e +/- [mm]	Outside diameter D [mm]	Pitch circle diameter K [mm]	Number of connection holes [pcs.]	Connection holes diameter [mm]	Head weight (pcs) [kg]	Pipe weight (lm) [kg]
50	140	70	165	125	4	18	9	4,5
65	140	70	185	145	4	18	10	6,5
80	140	70	200	160	8	18	11	7,5
100	140	70	235	190	8	23	15	10
125	180	70	270	220	8	27	18	14
150	180	70	300	250	8	27	23	21
200	180	70	360	310	12	30	34	33
250	200	90	425	370	12	30	53	40
300	200	90	485	430	12	33	66	62
350	250	90	555	490	16	36	82	88
400	250	90	620	550	16	36	98	111
500	250	90	730	660	20	36	130	190
600	250	110	845	770	20	39	175	230
700	250	110	960	875	24	42	220	315
800	300	110	1085	990	24	48	280	400
900	300	110	1185	1090	28	48	335	450
1000	300	110	1320	1210	28	55	400	545

Other versions available on special order.

## Dismantling joint type KPN/LG2 Order form



**Material\*:**

1. Carbon steel (S235JR/S355JR or others), with one of available coatings: epoxy/bitumen/galvanized
2. Stainless steel and acid resistant steel (1.4301/1.4541/1.4571 or others)

**Standardized elements\*:**

Galvanized/A2/A4

**Seal\*:**

Silicone/EPDM/NBR/Viton

**Dimensions:**

Nominal diameter                      DN= .....

Face to face length                      L= .....

\* delete as appropriate, other versions available on special order

**REMARKS:**

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