

Lined Pipe for all Applications...
Kalenborn Company
Standard Rd 6a



Hydraulic Pipeline.



Pneumatic Pipeline.

Description for a pipe bend:

Bend, Inside- \varnothing 60, R 1000, 45° to Rd 6a (please specify with order).

Steel quality: S 235...

(St 37). The pipe fabrications are designed for operating pressures up to 10 bar (for sizes up to 350 mm diameter).

On request:

Pipes designed for higher pressures, alternate flanging or connections, or other optional features.

Surface treatment and corrosion protection:

Steel casing, rings and flanges on the OD manually cleaned in accordance with St 2 to EN ISO 8501-1 and covered with a zinc

phosphate primer, red-brown (similar to RAL 3011), min. 40 μ m.

Recommended gasket dimensions are as follows:

- Outside diameter Δ
Outside diameter of the collar (d_4)
- Inside diameter Δ
Outside diameter of the steel pipe (d_1)

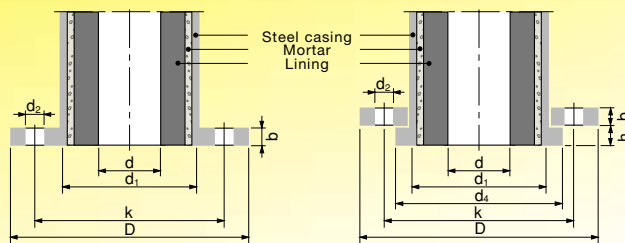
Minimum gasket thickness: 2 mm.

Dimensional tolerances

are in accordance with DIN EN 1092-1, DIN 1626, DIN EN ISO 13920 degree of accuracy A (but length tolerances up to 1000 mm \pm 2 mm, up to 2000 mm \pm 3 mm, greater length \pm 4 mm).

Kalenborn Company Standard Rd 6a (Extract, Edition 1/03)

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Pipes/bends
with fixed flanges

Pipes/bends with welded
collar and rotating flanges

Pipes and Bends		Flanges					Rings	
Lining Ø inside mm	Steel casing Ø outside* mm	Flange Ø outside mm	Bolt circle Ø mm	Number of holes	Holes Ø mm	Flange thickness mm	Ring Ø outside mm	Ring thickness mm
d	d ₁	D	k		d ₂	b	d ₄	h
40	127	220	180	8	18	16	158	15
50	139,7	234	187	8	18	16	166	15
55	139,7	234	187	8	18	16	166	15
60	139,7	234	187	8	18	16	166	15
65	159	254	207	8	18	16	186	15
70	159	254	207	8	18	16	186	15
75	159	254	207	8	18	16	186	15
80	159	254	207	8	18	16	186	15
88	159	254	207	8	18	16	186	15
95	168,3	269	222	8	18	16	201	15
100	177,8	275	228	8	18	18	207	16
107	193,7	286	240	8	18	18	219	16
110	193,7	286	240	8	18	18	219	16
113	193,7	286	240	8	18	18	219	16
120	193,7/200	300	253	8	18	18	232	17
125	193,7/205	313	266	8	22	18	241	17
132	205	313	266	8	22	18	241	17
146	219,1/225	327	280	8	22	18	255	17
150	219,1/225	327	280	8	22	18	255	17
162	244,5	347	300	8	22	18	275	17
170	255	372	323	8	22	19	298	18
175	255	372	323	8	22	19	298	18
178	255	372	323	8	22	19	298	18
183	255	372	323	8	22	19	298	18
190	273	404	353	8	22	19	328	18
200	273/290	404	353	8	22	19	328	18
205	273/290	404	353	8	22	19	328	18
225	315	430	379	12	22	19	354	18
242	323,9/345	460	410	12	22	24	382	19
250	323,9/345	460	410	12	22	24	382	19
260	355,6	490	440	12	22	24	413	19
275	355,6	490	440	12	22	24	413	19
280	355,6	490	440	12	22	24	413	19
294	385	516	465	12	22	24	440	19
300	385/406,4	516	465	12	22	24	440	19
311	406,4	516	465	12	22	24	440	19
325	420	545	495	12	22	24	470	24
350	435	568	517	16	22	24	490	24
375	457	588	537	16	22	24	510	24
400	485	618	567	16	22	28	535	24
430	515	648	592	16	22	28	565	24
450	540	668	618	20	22	29	585	24
475	590	730	688	20	22	29	650	28
500	590	730	688	20	22	29	650	28
525	610	755	705	20	22	29	670	28
610	711	860	810	24	26	29	775	28

*First figure for pipes, second figure for bends.

Technical changes and errors are reserved.

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