Circular bends

AL-15°

Description

Circular segmented and lockseamed bends are used to install a ventilation system in buildings along with spiral or smooth ducts. The products can be made of: galvanized steel sheet - corrosion class C3-L / C2-M; sheet with aluminium zinc coating - corrosion class C4-M / C3-H; stainless steel sheet AISI 304 (1.4301) or AISI 316L (1.4404) - corrosion class C5. Bends is made with double seal gasket EPDM with self-slip material inside. Tightness class C according to LST EN 1506 and LST EN 12237. The bends can be used at temperatures from -45 to +85 °C with appropriate insulation. The maximum permissible absolute humidity inside the air stream and outside is 18 g/kg. Bends can be manufactured in 90 °, 60 °, 45 °, 30 °, 15 ° angle modifications.

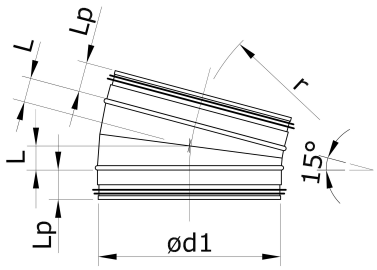
Ordering code

..... AL200-15

- Galvanized steel - AISI 304 – NP / AISI 316L – 316NP
- Product
- Size
- Angle

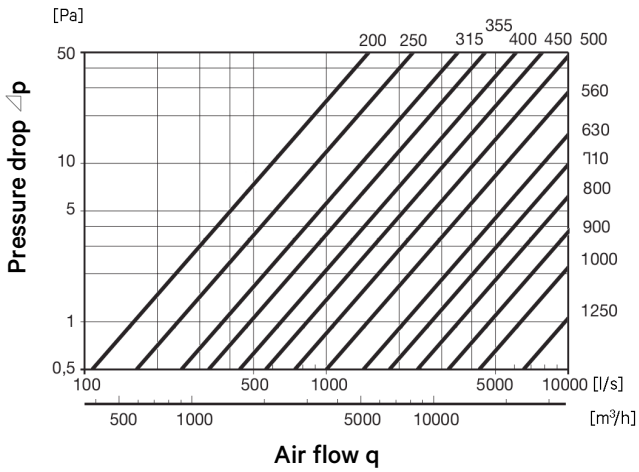
Sample: NPAL200-15 – made of AISI 304 steel, circular bend, diameter 200 mm, angle 15°.

Dimensions



r=d1

Ød1$_{nom}$ [mm]	L [mm]	s [mm]	Lp [mm]	Mass [kg]	s_{np} [mm]	Mass$_{np}$ [kg]
200	30	0,5	40	0,65	0,5	0,66
250	33	0,5	40	0,90	0,5	0,91
315	41	0,5	40	1,26	0,5	1,27
355	47	0,5	50	1,60	0,5	1,62
400	53	0,5	50	1.92	0,5	1,94
450	59	0,5	50	2,30	0,5	2,33
500	66	0,5	50	2,72	0,5	2,75
560	74	0,5	50	3,27	0,5	3,30
630	83	0,6	50	4,76	0,5	3,98
710	93	0,7	65	7,13	0,6	6,15
800	105	0,7	65	8,69	0,6	7,48
900	118	0,7	100	11,7	0,6	10,1
1000	132	0,9	100	17,8	0,8	15,9
1250	165	0,9	100	25,9	0,8	23,2

Mass $_{np}$ – product mass made of stainless steel

Technical data