

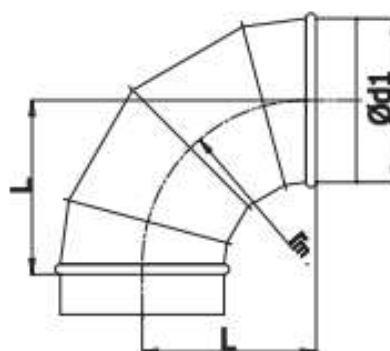


Segmented bends

BS-90



Dimensions



$$r_m = 1 \times d_1$$

Description

Segmented bends are designed for building ventilation systems based on spiral and plain ducts. They are made of 4 segments; bends in diameters of DN 1120 mm and greater are composed of 5 segments. The segments are fastened by hemming and seaming. Bend sizes of 1.5D or 2D are available by adding segments to reduce the pressure loss and the flow resistance along the ventilation system. The piece is connected with a duct by inserting one into the other. The pieces can be made of 1.4404 stainless steel sheet for ventilation systems in swimming pools.



There is also available version with a female end - **BSF** code or with two female ends - **BSFF** code.

Available materials - Product code example

- BS-...-90 - galvanized steel sheet
- BS-K-...-90 - 1.4301/304 stainless steel sheet
- BS-K-...-90-316L - 1.4404/316L stainless steel sheet, molybdenum-enriched
- BS-A-...-90 - AW-1050A H24 aluminium sheet
- BS-CU-...-90 - M1E z4 copper sheet

Product code example

Product code: **BS - aaa - 90**

type _____
 Ød₁ _____
 angle _____

Ød _{1, nom} (mm)	L (mm)	Weight (kg)
200	200	1.10
224	224	1.32
250	250	1.63
280	280	2.03
300	300	2.30
315	315	2.50
355	355	3.73
400	400	5.10
450	450	8.00
500	500	9.60
560	560	11.80
600	600	13.30
630	630	14.50
710	710	22.40
800	800	28.00
900	900	34.60
1000	1000	43.00
1120	1120	59.80
1250	1250	73.00
1400	1400	90.00
1500	1500	103.40
1600	1600	116.60

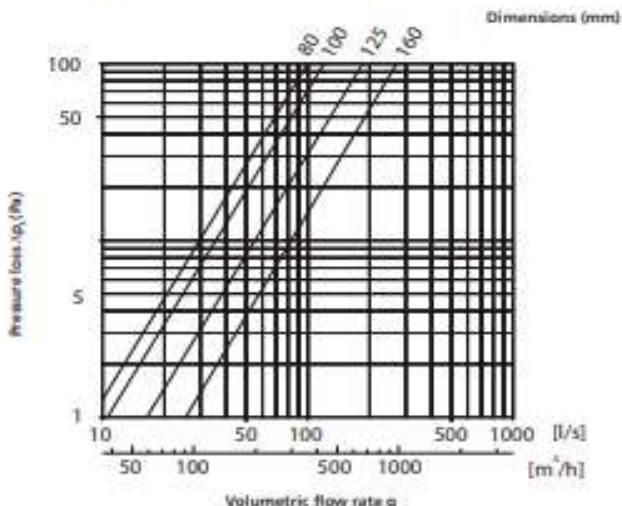


Technical specifications for 90° pressed and segmented bends **BPKL/BPL/BPDL/BSKL/BSL/BSDL**

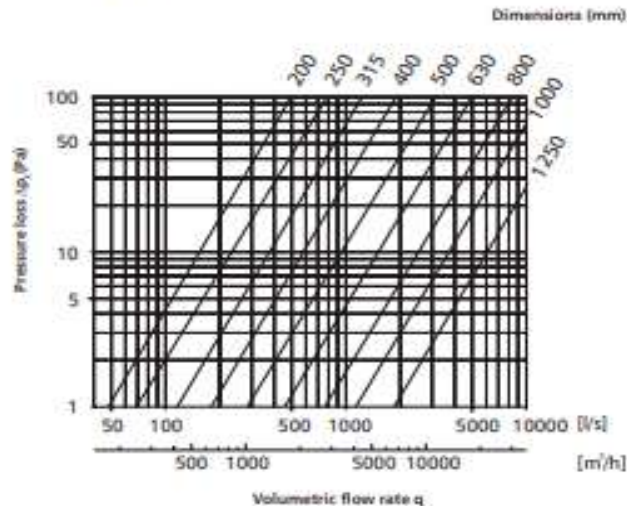
Round ducts and fittings

Technical specifications

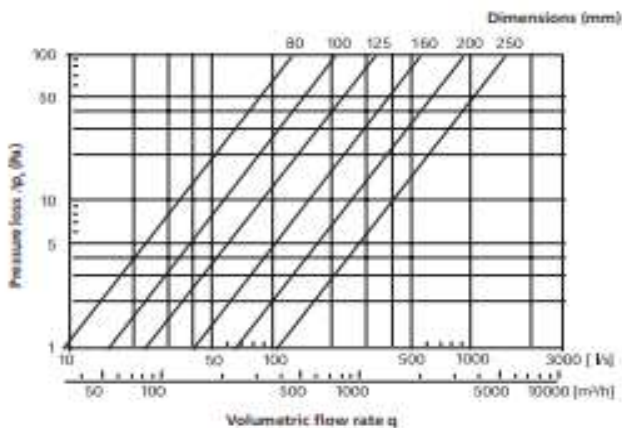
Flow chart for BPKL-90/BPK-90/BPKFL-90/BPKF-90



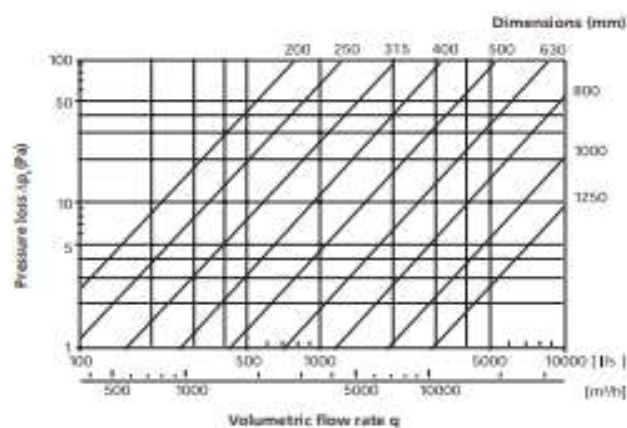
Flow chart for BSKL-90/BSK-90



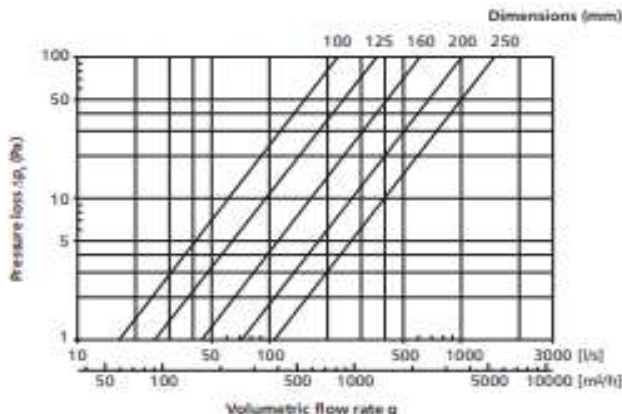
Flow chart for BPL-90/BP-90/BPL-K-90/BP-K-90



Flow chart for BSL-90/BS-90



Flow chart for BPDL-90/BPD-90



Flow chart for BSDL-90/BSD-90

