

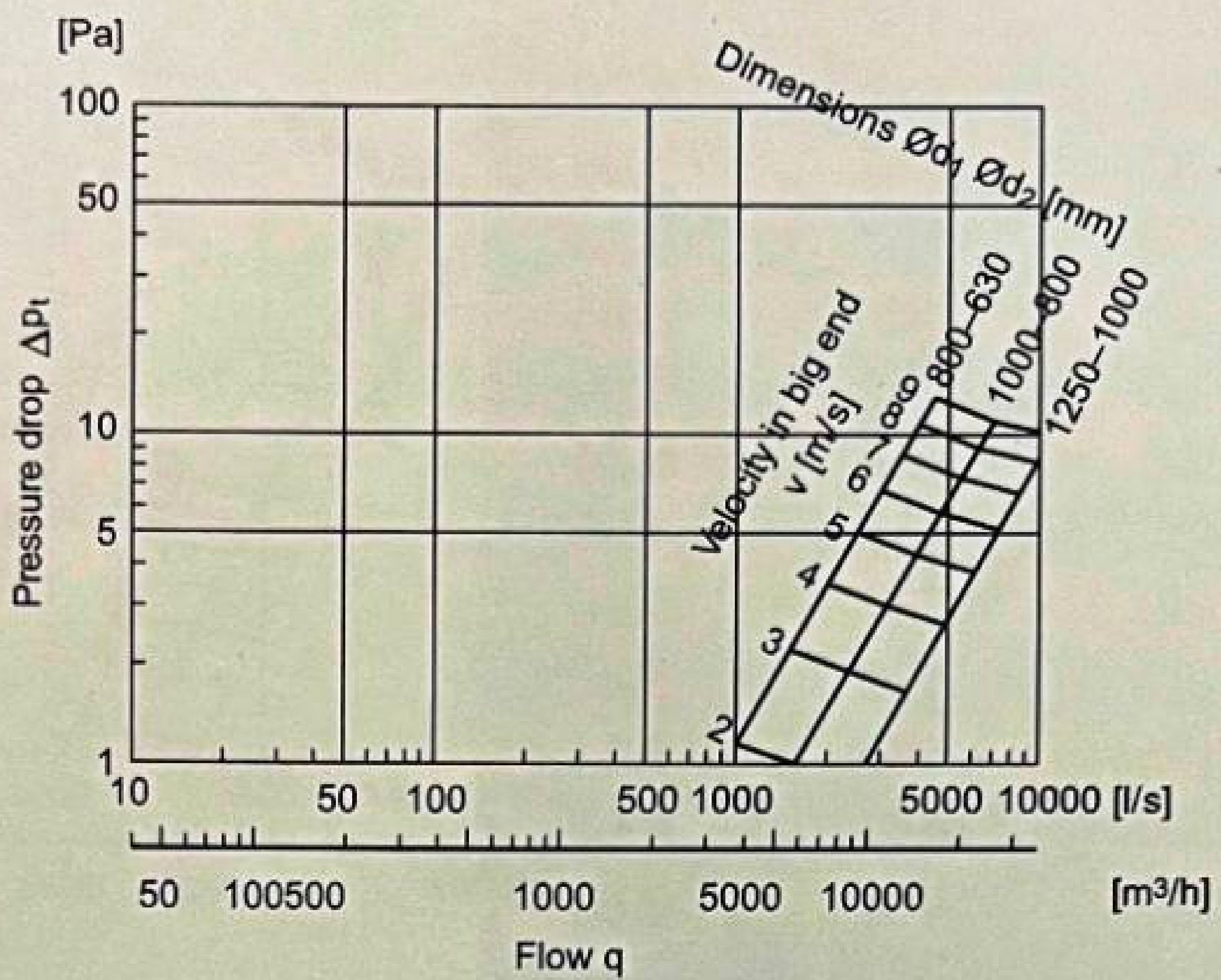
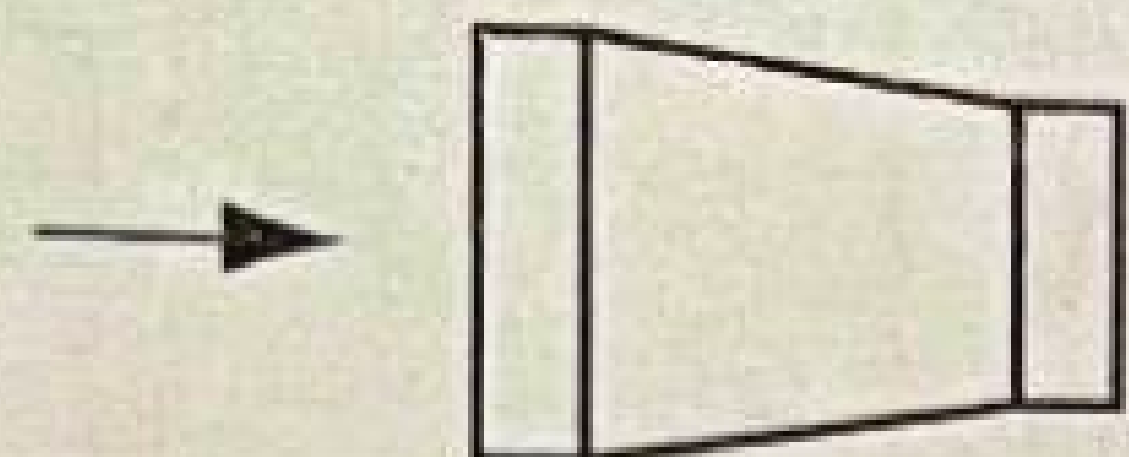
جدول تبدیل کانال چهارگوش به گرد

عرض به میلیمتر	طول به میلیمتر										
	100	150	200	250	300	400	500	600	800	1 000	1 200
200	0.020 133	0.030 171	0.040 200	سطح مقطع (m ²) قطر هیدرولیکی							
250	0.025 143	0.045 200	0.050 222	0.063 250							
300	0.030 150	0.038 188	0.060 240	0.075 273	0.090 300						
400	0.040 160	0.060 218	0.080 267	0.10 308	0.12 343	0.16 400					
500		0.075 231	0.10 286	0.13 333	0.15 375	0.20 444	0.25 500				
600		0.090 240	0.12 300	0.15 353	0.18 400	0.24 480	0.30 545	0.36 600			
800			0.16 320	0.20 381	0.24 436	0.32 533	0.40 615	0.48 686	0.64 800		
1 000				0.25 400	0.30 462	0.40 571	0.50 667	0.60 750	0.80 889	1.00 1 000	
1 200					0.36 480	0.48 600	0.60 706	0.72 800	0.96 960	1.20 1 091	1.44 1 200
1 400						0.56 622	0.70 737	0.84 840	1.12 1 018	1.40 1 167	1.68 1 292
1 600						0.64 640	0.80 762	0.96 873	1.28 1 067	1.60 1 231	1.92 1 371
1 800							0.90 783	1.08 900	1.44 1 108	1.80 1 286	2.16 1 400
2 000							1.00 800	1.20 923	1.60 1 143	2.00 1 333	2.40 1 500

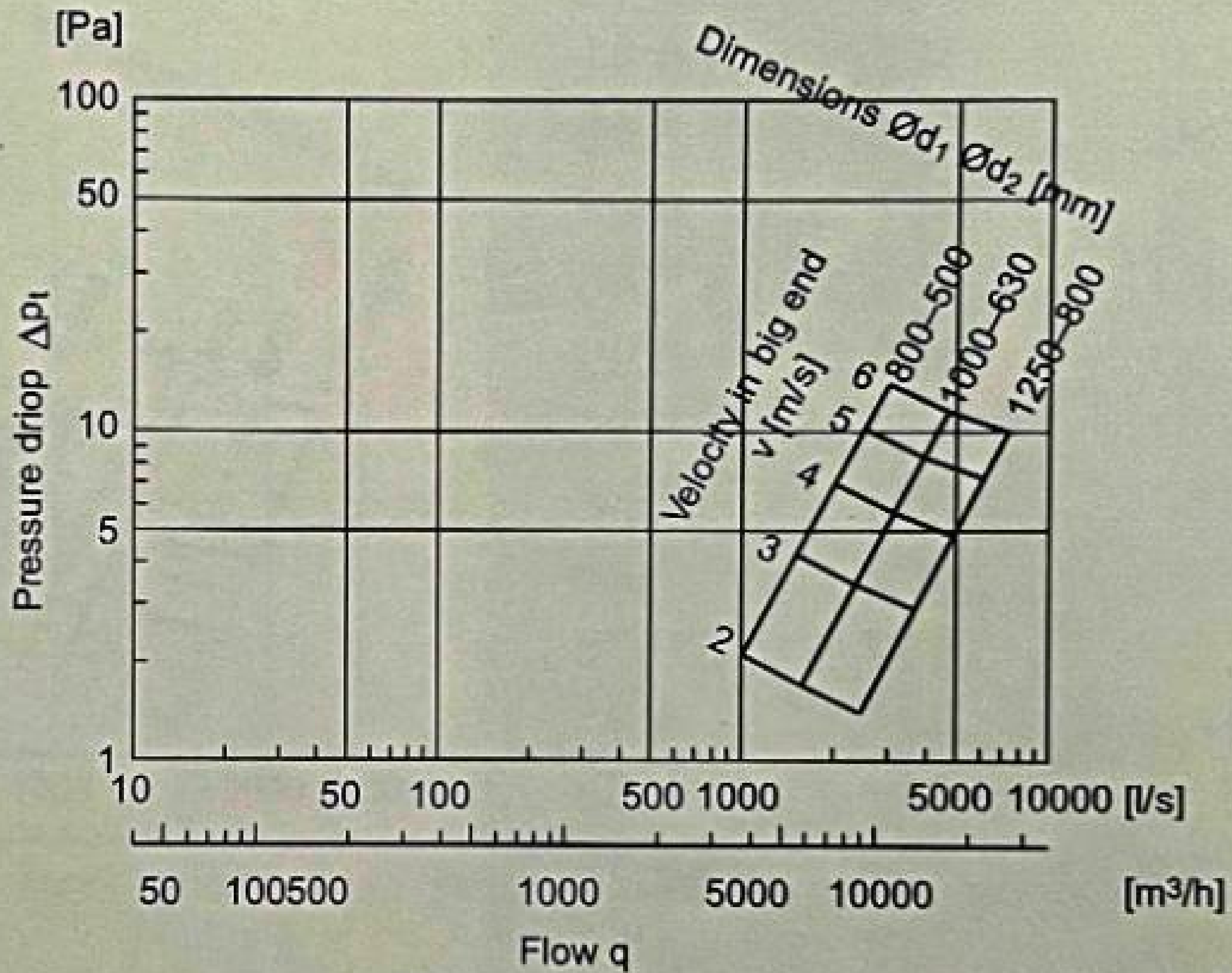
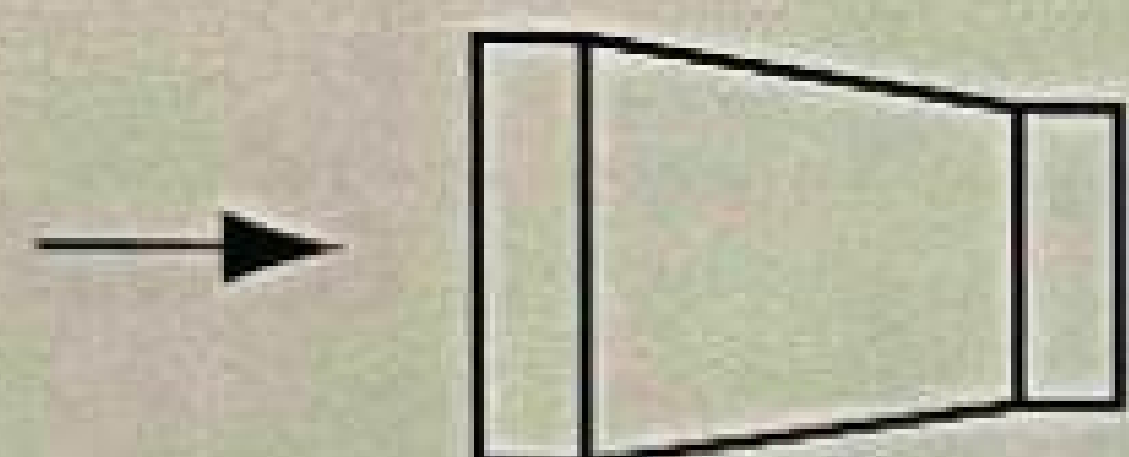
$$D_h = 2 \frac{AB}{A+B}$$

نمودار افت فشار تبدیلات گرد به گرد

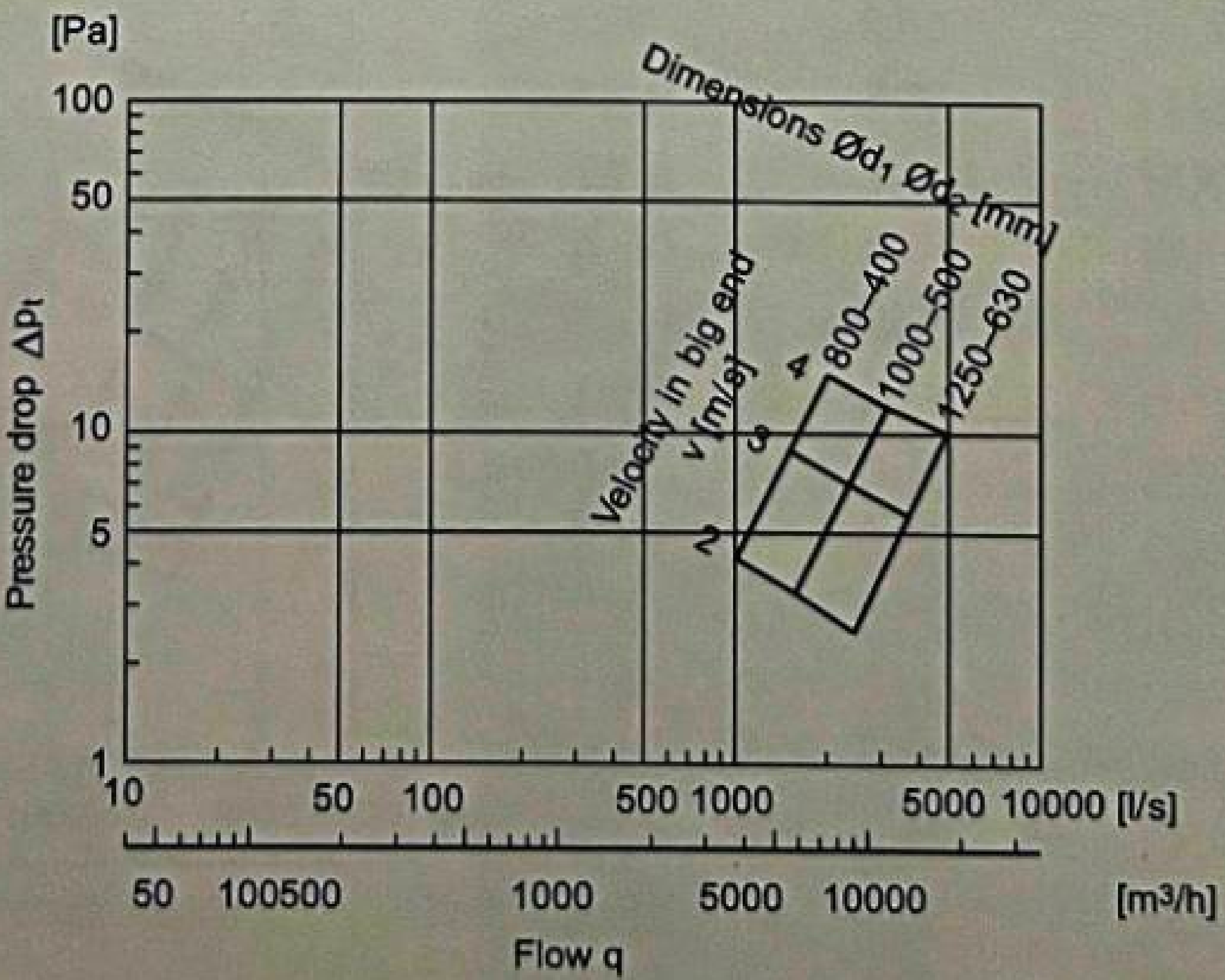
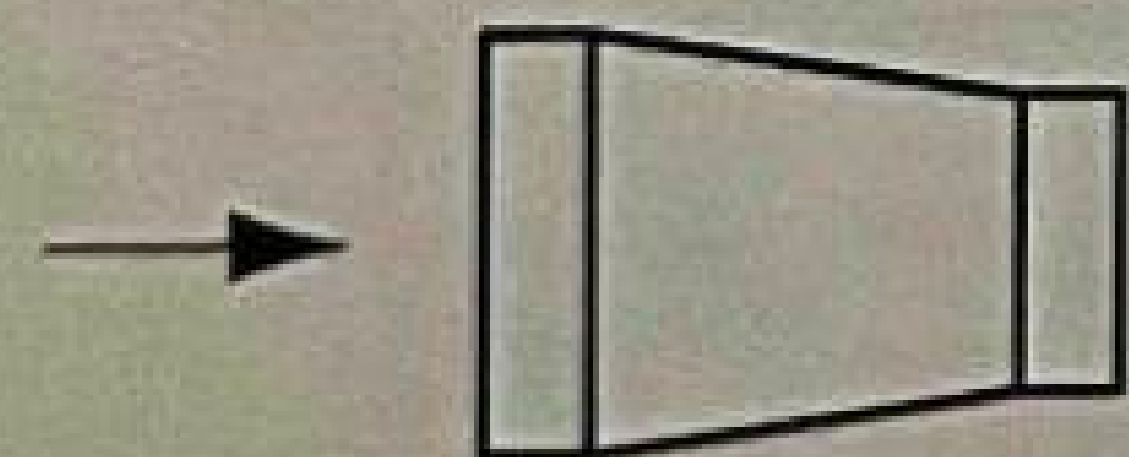
1-D Flow



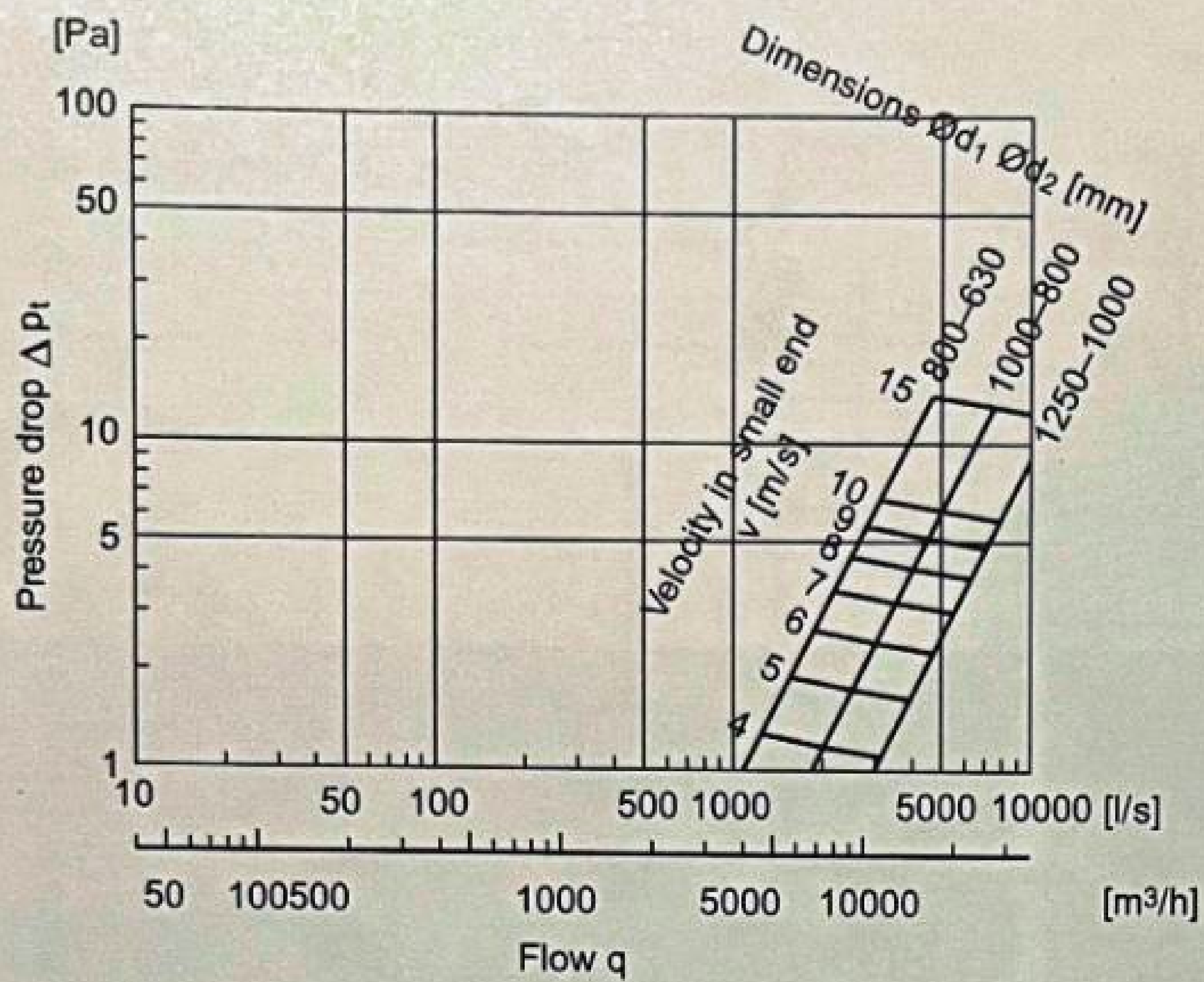
2-D Flow



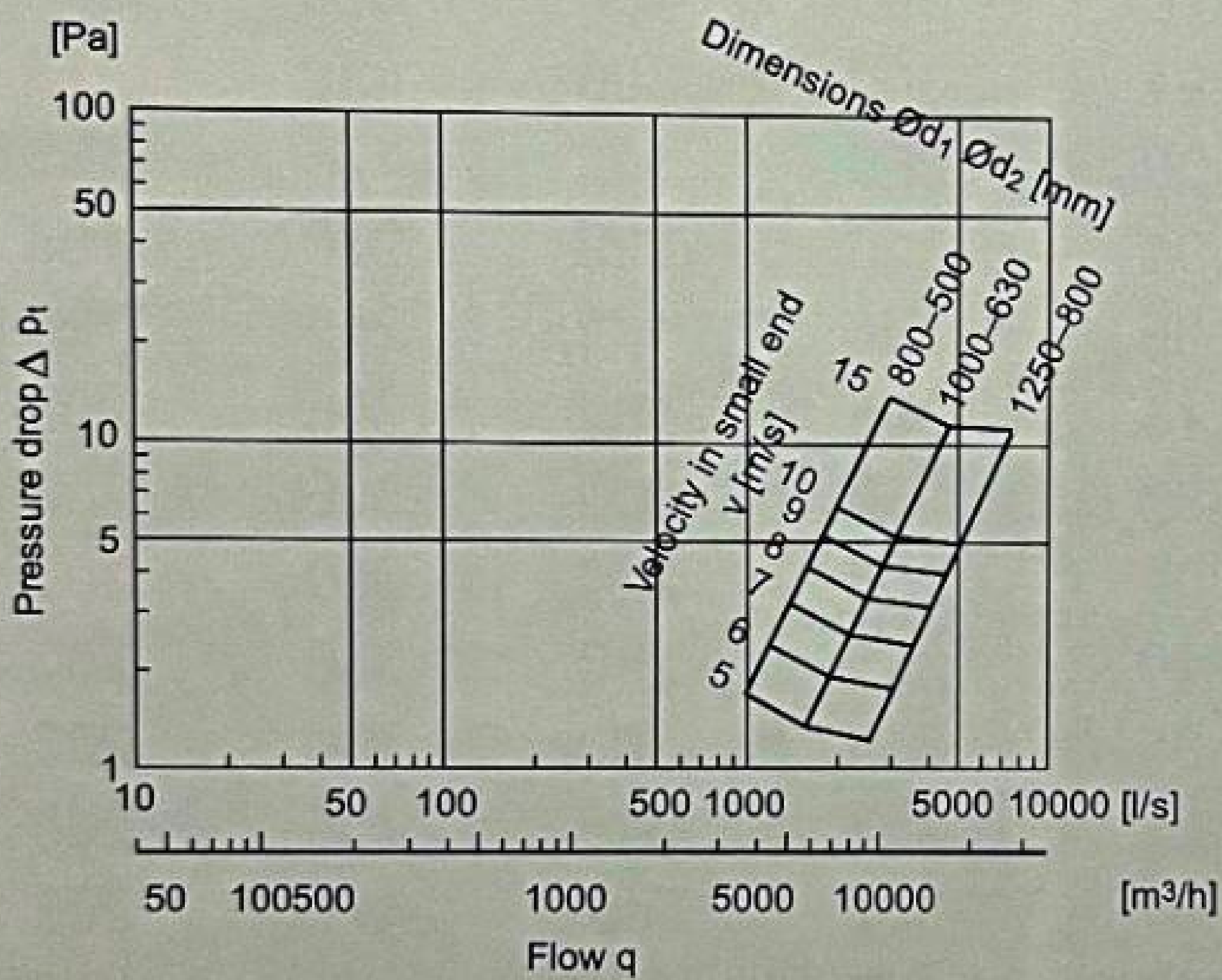
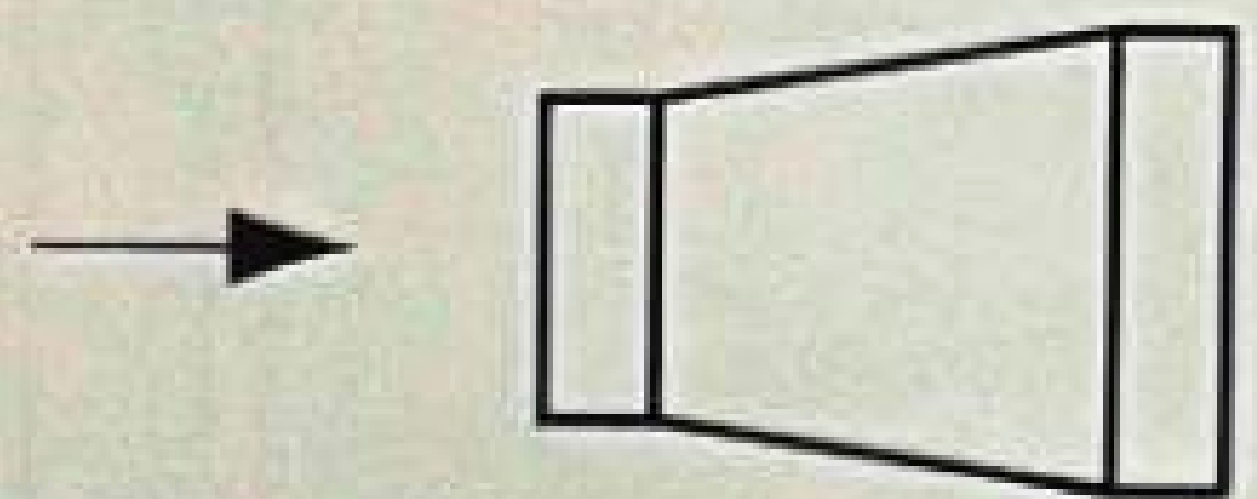
3-D Flow



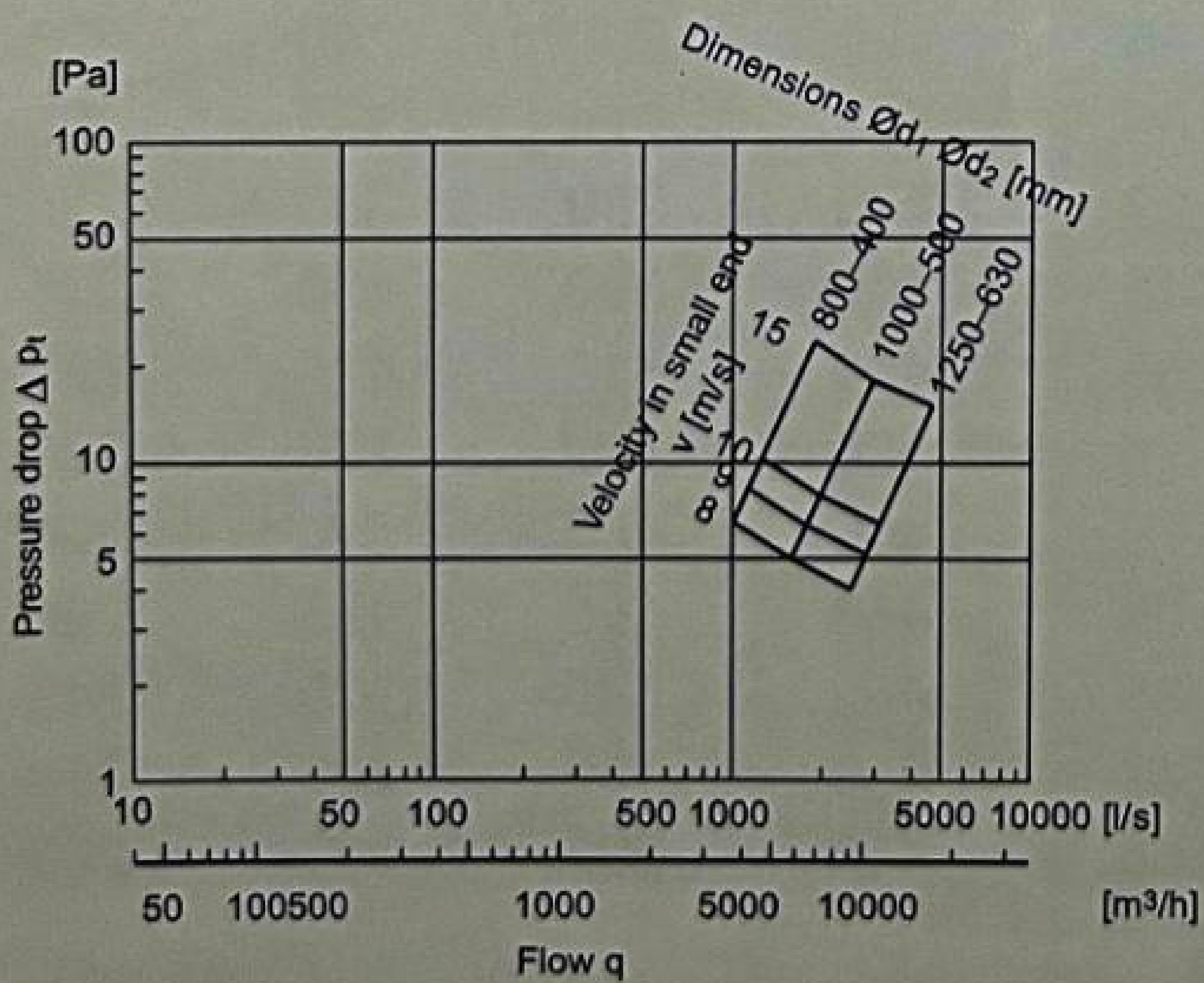
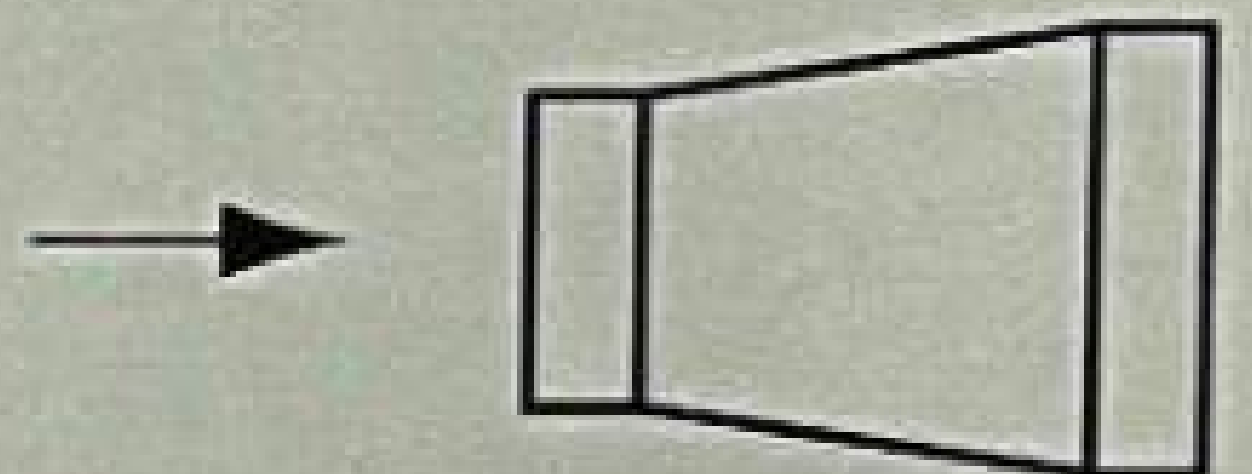
نمودار افت فشار تبدیلات گرد به گرد



1-D Flow



2-D Flow



3-D Flow

