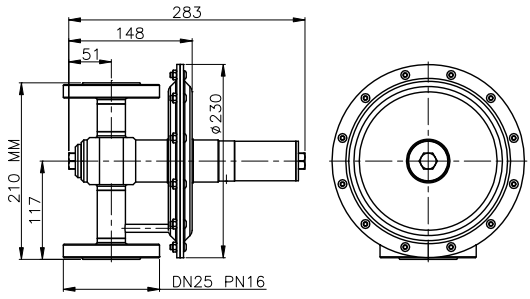
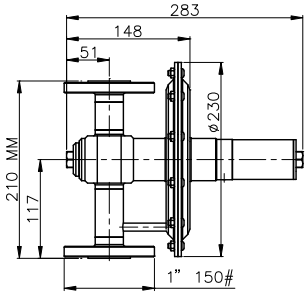
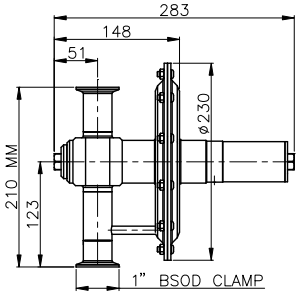
DIMENSIONS



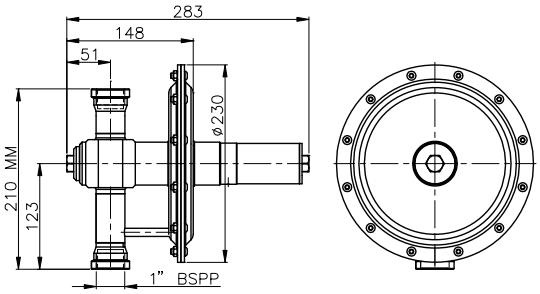
DN25 PN16 – EN 1092-1/ Type 11 / B1



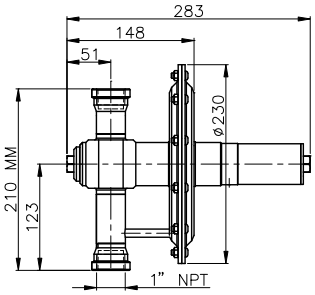
1" 150# - ANSI B16.5



1" BSOD CLAMP



1" BSPP – ISO 228-1



1" NPT – ANSI B1.20.1

All dimensions are in millimeters.

FLOWTABLE – SEAT Ø8MM

Airflow (Nm^3/hr)											
Outlet pressure range (mbar)	Inlet pressure (bar)										
	0.1	0.2	0.4	0.6	0.8	1	2	3	4	5	6
5 – 10	4	8	16	24	32	40	65	85	105	125	145
10 – 50	"	"	"	"	"	"	"	"	"	"	"
20 – 200	-	-	"	"	"	"	"	"	"	"	"
50 – 500	-	-	-	-	-	"	"	"	"	"	"

Note 1:
If P1 is less than 1 bar, P2 should not exceed 50% of P1 in order to reach the given flow.

FLOWTABLE – SEAT Ø5MM

Airflow (Nm^3/hr)						
Outlet pressure range (mbar)	Inlet pressure (bar)					
	2	4	6	9	12	16
5 – 10	16	32	48	70	90	120
10 – 50	"	"	"	"	"	"
20 – 200	"	"	"	"	"	"
50 – 500	"	"	"	"	"	"

Note 2:
As one can see the P1 determines the maximumflow.

Reason: P2 is less than half of the P1. In this situation the gas flows through the seat at sonic velocity, cannot go any faster.
We have critical or choked flow.
So, even if P2 becomes 1 mbar, the flow will not increase.