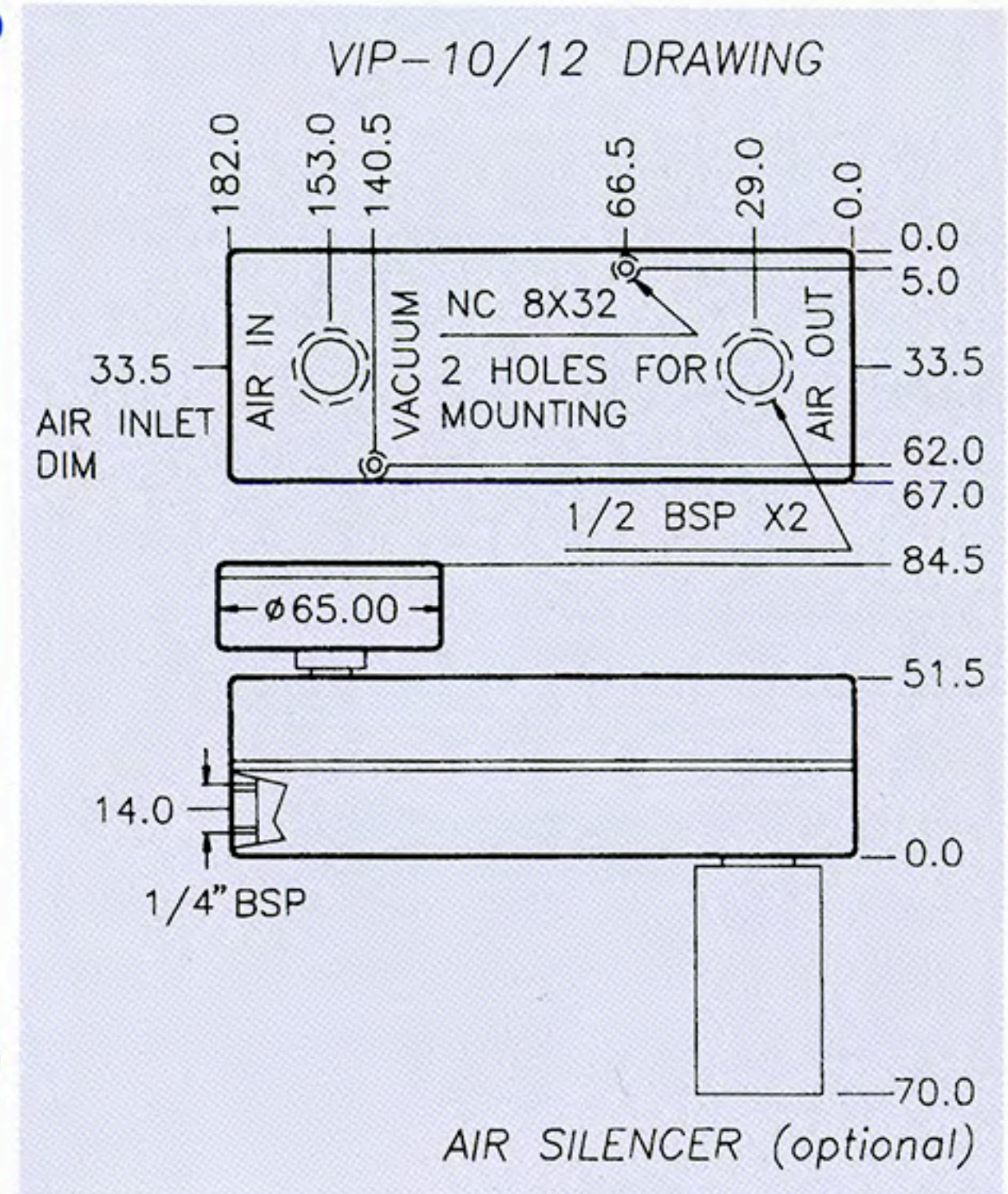


VIP-10 INTENSIVITY VACUUM PUMP

AIR CONSUMPTION : 193 lit per min at 4 BAR.
WORKING PRESSURE : 4 BAR.
MAX SUPPLY PRESSURE : 7 BAR.
MAX VACUUM : -0.9 BAR at 4 BAR.
MAX VACUUM FLOW : 440 lit per min.
WORKING TEMP. : -20°C + 100°C.
WEIGHT : 890 g.
NOISE LEVEL : 65 db(A) full flow,
 50 db(A) full vacuum.
MATERIALS : Epoxy painted AL, brass,
 silicon rub, neoprene, stainless steel.



VIP-12 INTENSIVITY VACUUM PUMP

AIR CONSUMPTION : 240 lit per min.
WORKING PRESSURE : 4 BAR.
MAX SUPPLY PRESSURE : 7 BAR.
MAX VACUUM : -0.9 BAR at 4 BAR.
MAX VACUUM FLOW : 590 lit per min.
WORKING TEMP. : -20°C + 100°C.
WEIGHT : 920 g.
NOISE LEVEL : 65 db(A) full flow,
 50 db(A) full vacuum.
MATERIALS : Epoxy painted AL, brass,
 silicon rub, neoprene, stainless steel.

NOTE:

VIP Pumps are often used for handling materials or clamping small parts. They can be used with several suction cups. VIP Pumps flow is higher than VSPs', and its clamping is less sensitive to the cup wear.

vacuum in - BAR	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.9
time in sec for evacuation of 1 lit to 'vac' level	VIP - 10 .016	0.05	0.12	0.22	0.35	0.61	0.87	5.5
	VIP - 12 .012	0.36	0.09	0.18	0.28	0.48	0.68	4.5

vacuum in - BAR	0	0.1	0.2	0.3	0.4	0.6	0.8
induced air in lit per min.	VIP - 10 440	260	155	74	55	28	8.5
	VIP - 12 580	350	210	98	75	37	11

