

Blowers and exhausters

The air flow amplifier uses a small amount of compressed air to drive more, following the COANDA effect.

Applications

- Pneumatic operation
- Vacuum conveying of powders and granular

Material

AL - Nitrile - * Stainless steel on demand

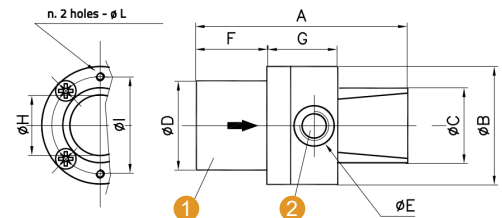


Technical informations

Type	Vacuum Flow	Blowed Air Flow	Air consumption	Air Supply pressure		Working temperature (°C)	Performance (Air flow/consumption) (K=)	Weight (Gr)
	5 Bar	5 Bar	5 Bar	Min	Max			
	(Nm3/h)	(Nm3/h)	(NI/s)	(bar)				
BCM10	45,4	55,9	2,35	2	6	-20° to +80°	7	70
BCM20	125	186	4,80				10,8	180
BCM30	159	220	5,8				10,3	300
BCM40	202,6	250,5	9,2				7,6	525
BCM55	250	310	12				7	1330
BCM75	500	800	14,6				9,1	3000

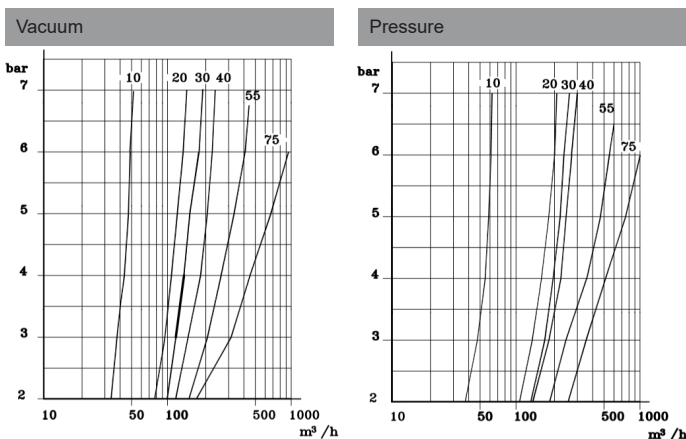
Dimensions (mm)

	A	B	C	D	E	F	G	H	I	L
BCM10	70	37	19	19	1/8"	23	21	10	29	M4
BCM20	90	50	32	38	1/4"	30	30	20	41,5	M4
BCM30	93	70	42	56	3/8"	30	34	30	60	M4
BCM40	96	84	52	75	3/8"	35	35	40	72	M4
BCM55	116	115	72	72	1/2"	26	39	55	99	M4
BCM75	180	140	100	100	1/2"	35	65	75	126	M6



- 1 Air suction
- 2 Air supply port

Flow rate diagram



Pressure-Vacuum diagrams

