

## ENT

### Bernoulli Vacuum Pad



#### Application/Features

- The product uses the Bernoulli principle to generate the lifting force to adsorb the workpiece.
- The product relies on 3 small points to support the adsorption surface, which can greatly reduce the adsorption contact area.
- The product has the characteristics of large flow and low vacuum, and has obvious advantages over conventional suction cups for light, thin and hollow workpieces.

#### How to Order?

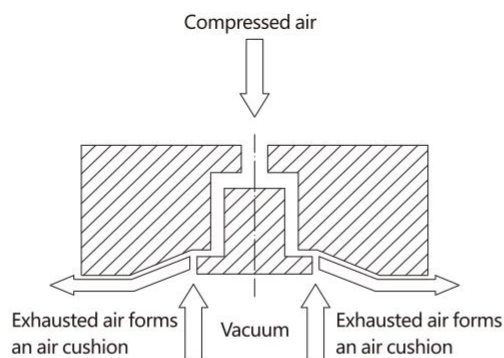
Series No.	Body Size	□	Flow type	Cushion Material
ENT:ENT Series	20: Ø20mm 30: Ø30mm 40: Ø40mm 60: Ø60mm 80: Ø80mm 100: Ø100mm 120: Ø120mm	Body Material: Aluminum Alloy	S: Standard flow	N: Nitrile rubber PK: PEEK(Mark-free)

**Order Example:** ENT Series Bernoulli Vacuum Generator, Body size 20mm, aluminum alloy, standard flow, Nitrile rubber.  
Order code is: ENT20-S-N

#### Performance Parameter

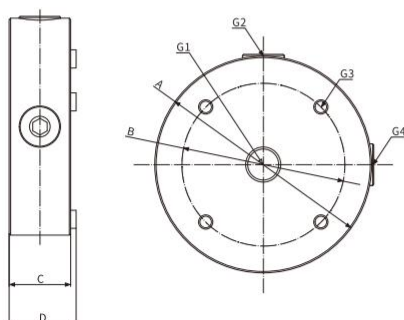
Model	Supply pressure (MPa)	Lifting Force (N)	Consumption Flow Rate(NL/min)	Operating Temperature(°C)	Weight(g)
ENT20	0.5	2	80	0-60	16
ENT30	0.5	4	100	0-60	29.8
ENT40	0.5	6.5	140	0-60	48.4
ENT60	0.5	13	200	0-60	128
ENT80	0.5	26	260	0-60	246
ENT100	0.5	46	350	0-60	366
ENT120	0.5	89	420	0-60	510

#### Construction



#### Main Dimension

ENT20~120



Model	A	B	C	D	G1	G2	G3	G4
ENT20	20	14	15	15.8	M5	M5	4-M3深6	M6
ENT30	30	22	17	17.8	M5	M5	4-M4深6	M6
ENT40	40	32	17	17.8	G1/8	G1/8	4-M4深6	G1/8
ENT60	60	45	17	17.8	G1/8	G1/8	4-M4深6	G1/8
ENT80	80	60	17	17.8	G1/8	G1/8	4-M4深6	—
ENT100	100	75	17	17.8	G1/8	G1/8	4-M4深6	—
ENT120	120	105	17	17.8	G1/8	G1/8	4-M4深6	—