

## Characteristic

- Five-point bearing design, double oil tanks, high stability.
- Nitrogen gas barrier to block gas from entering the oil tank; prolonging service life.
- Suitability for high temperature, high differential pressure and high vacuum environments, robust design, high reliability.
- Standard materials and various coatings available.
- Internal coating protection against corrosion, especially suitable for petrochemical, chemical and pharmaceutical industries.
- Optional single-point mechanical seal, oil slinger ring seal, eliminating cross contamination, reducing oil consumption.
- Optional five-point mechanical seal, labyrinth seal, completely eliminating cross-contamination, reducing oil consumption.



# MB Series Roots Vacuum Pump

## MB2900 - 7300

### CONTACT DETAILS

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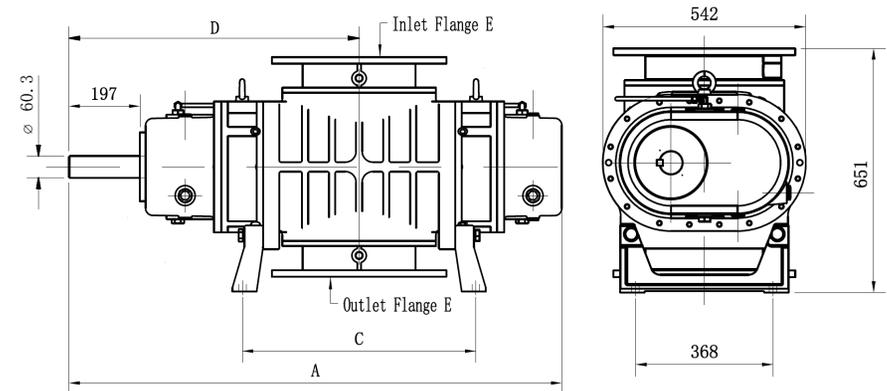
**Vacculex Vacuum Equipment  
(Zhejiang) Co.,Ltd.**

## PARAMETER

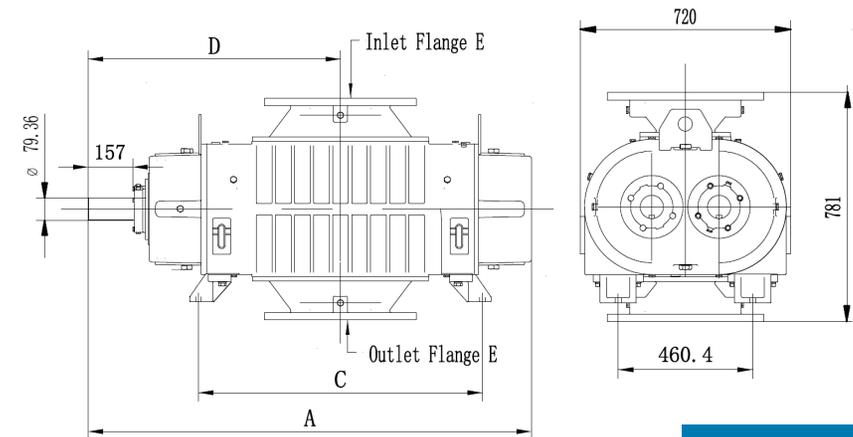
Model	Unit	MB2900	MB3600	MB4500	MB5400	MB7300
Max. Pumping Speed	m <sup>3</sup> /h	4930	6120	7820	9350	12400
	L/s	1369	1700	2172	2597	3444
Nominal Pumping Speed	m <sup>3</sup> /h	4750	5910	7560	5640	7500
	L/s	1319	1642	2100	1567	2083
Ultimate Full Pressure	Torr	7.5×10 <sup>-4</sup>				
	Pa	0.1	0.1	0.1	0.1	0.1
Motor Power	Kw	15	15	18.5	22	22
Recommended Rotation Speed	rpm	2900	2900	2900	1450	1450
Max. Rotation Speed	rpm	3000	3000	3000	2400	2400
Inlet Flange	ANSI	10"	12"	12"	14"	16"
Outlet Flange	ANSI	10"	12"	12"	14"	16"
Cooling Water Flow	l/min (15°C)	3.8	3.8	3.8	5.7	5.7
Cooling Water Connection		1/4NPT	1/4NPT	1/4NPT	1/4NPT	1/4NPT
Lubricant Volume	L	7.5	7.5	7.5	30	30
Pump Weight	Kg	578	658	726	1162	1474

## DIMENSIONS

Model	A	E	C	D
MB2900	1268	ANSI 10"	546	756
MB3600	1368	ANSI 12"	648	806
MB4500	1495	ANSI 12"	775	869



Model	A	E	C	D
MB5400	1560	ANSI 14"	1000	888
MB7300	1780	ANSI 16"	1220	998



## DIMENSIONS

Model	A	E	C	B	D
MB2900	1280	ANSI 10"	546	768	646
MB3600	1380	ANSI 12"	648	818	696
MB4500	1507	ANSI 12"	775	881	760

