



Beijing Century Jiutai Vacuum Technology Co., Ltd.

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北京世纪久泰真空技术有限公司  
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*Semi-magnetic levitation vacuum molecular pump HTFB-63/80*



Pumping speed: 80L/S

Rotating speed: 60000 rpm/min

Output electrical frequency: 1280Hz

Ultimate vacuum degree:  $1 \times 10^{-5}$  Pa

Structure: Semi-magnetic levitation

High vacuum flange: DN63 ISO-K

<b>Basic parameters</b>	
Molecular pump model	JTFB-63/80-B
Full power input voltage range	22.8VDC~25.2VDC Typical value 24VDC
Control interface	RS-485
Rated power	80W
Maximum permissible radial magnetic field	3.8 mT
Startup time	<2 (min)
Output frequency range	0.00~1280Hz
Ultimate vacuum	1* 10 <sup>-5</sup> Pa
Weight (kg) about	2.8k
Cooling method	air cooling
High vacuum flange	DN63 ISO-K
applicable wire diameter range	applicable wire diameter rangesurround≥0.75mm <sup>2</sup> or AWG18#
Protective function	Controller over temperature, motor over temperature, overload, short circuit, over current, over voltage,Under voltage, etc.
Motor speed	60000rpm
Vibration value	≤0.1um
Installation direction	any direction

*Schematic diagram of structural dimensions*

