

## JBMFO, AKA MFL85N or 680 Metal Bellow Mechanical Seal 680 (JBMFO/MFL85N)型 金属波纹管机械密封

**Structural Features:** single end, balanced, independent direction of rotation, bellow transmission. The bellow provides sealing faces with the closing force and also transmits the torque. The O-ring does not have axial movements so it has good tracing ability and strong capacity of resisting disturbance. This seal component is easy to install and adjust and has especially good performances of being used in medium-and-low viscosity mediums.

**结构特点:** 单端面、平衡型、任意旋向、波纹管传动；波纹管既能提供端面闭合力，又能传递扭矩作用；O形密封圈无轴向运动，追随性好，抗干扰能力强；安装简单、调整方便；尤其适合中低粘度介质中使用。

**Standards:** DIN24960, ISO3069, GB6556, EN12756  
**符合标准:** DIN24960, ISO3069, GB6556, EN12756

**Scopes of Application:** widely used in petrochemical engineering, oil refining, chemical processing, chemical fiber manufacturing, food and beverage processing, pharmacy, thermoelectricity and paper making. Designed for chemical pumps, oil pumps, screw pumps, compressors and oil extraction equipment.

**应用领域:** 广泛应用于石化、炼油、化工、化纤、食品医药、热电、

造纸等领域。可同化工泵、油泵、螺杆泵、压缩机、采油设备等旋转设备配套。

**Inner Diameter:** 25 mm to 100 mm  
**规格范围:** 25 - 100 mm

### Materials

Rotary Ring Face: Carbon/SiC/TC  
Stationary Ring Face: SiC/TC  
Elastomers: NBR/EPDM/Viton/Aflas/FFKM  
Springs: SS316/AM350/Inconel 718/HC-276  
Metal Parts: SS316/SS316L/4J42/Hastelloy  
材料  
旋转环端面：石墨/碳化硅/碳化钨  
静止环端面：碳化硅/碳化钨  
辅助密封：丁腈橡胶/三元乙丙胶/氟橡胶/Aflas/全氟醚橡胶  
弹簧：SS316/AM350/Inconel 718/HC-276  
金属部件：SS316/SS316L/4J42/哈氏合金

### Operation Parameters

Pressure: - 0.1 ~ 2.5 MPa  
Temperature: - 40 ~ 200 °C  
Linear Speed: ≤ 15 m/s  
运行参数  
压力：- 0.1 ~ 2.5 MPa  
温度：- 40 ~ 200 °C  
线速度：≤ 15 m/s

**Mediums:** hot water, oil, liquid hydrocarbon, acid, alkali, solvents, paper pulp and other medium-and-low-viscosity content.

**适用介质:** 热水、油类、液态烃、酸、碱、溶剂、纸浆等中低粘度介质。



