产品介绍
Product Introduction

ZB–F系列釜底泵：

ZB-F系列主要用于输送真空反应器中的中高粘度的介质，吸入口大法兰设计，在真空条件下能使高粘度介质顺利吸入。主要应用于ABS,PS,PMMA,PBT,PT等介质。

ZB–F Series Melt Pump for Reaction Kettle:

ZB-F series melt pump is mainly used for transporting medium or high viscosity medium out of the vacuum reaction kettle. On basis of large suction inlet flange design, the high viscosity medium is able to absorb inside under vacuum conditions. This series of melt pump is primarily applicable for ABS, PS, PMMA, PBT, PT, etc.

技术参数

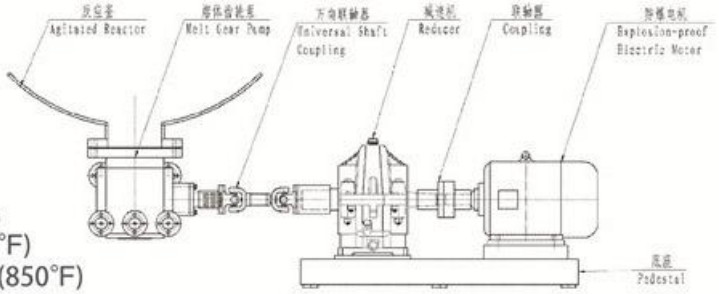
泵体: 不锈钢,碳钢，哈氏合金，蒙乃尔合金
齿轮: 渗氮钢，工具钢，特种材料及涂层
齿形:为直齿、斜齿或人字齿
滑动轴承: 工具钢，钛钽合金，银镍合金，特种材料及涂层
轴封: 机械密封，填料+螺旋密封，带冲洗液的组合密封
加热系统 : 导热油加热，联苯气体加热
规格/流量范围: 0.5CC - 12000CC

Technical Parameter

Material for Melt Pump Body: Stainless Steel, Carbon Steel, Hastelloy, Monel Matal
Material for Gear: Nitrided Steel, Tool Steel, Special Materials or Coating
Gear tooth types: Straight, Helical or Herringbone
Material for Sliding Bearing: Tool Steel, Titanium Tantalum Alloy, Silver Nickel, Special Materials or Coating
Shaft Sealing: Mechanical Sealing, Packing and Spiral Packing, Combined
Heating System: Conduction Oil Heating, Biphenyl Gas Heating
Model/Volume Range: 0.5CC - 12000CC

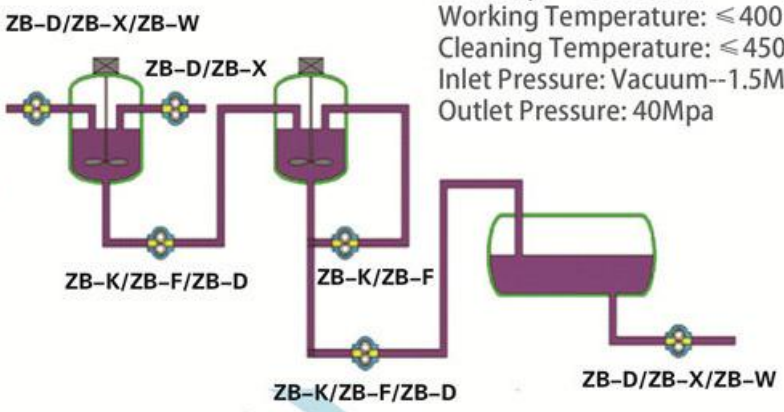
计量泵、齿轮泵主要用于化工、化纤、纺丝、石油、食品工业、生物、医药等行业。如：涤纶、腈纶、高强度聚乙烯、树脂、食品、医药、粘合剂、多元醇、石油等行业。随着机械工业的日益发展，计量泵、齿轮泵在国内市场也逐渐地被行业人士所采纳、应用。

Melt pump is mainly used in high temperature and high viscosity polymer melt transportation, pressurization, metering. The melt pump pressurizes and stabilizes pressure of hot melt polymers coming from the extruder, then send them into extruder dies. The pump's ability of stabilizing the pressure and flow is better than all kinds of extruders. Foreign countries widely apply in plastic, resin, rubber extrusion, such as pelletizing, film, pipes, plate, etc. With the increasing development of mechanical industries, melt pump is increasingly accepted and applied by domestic.



操作参数

粘度: ≤40000 Pa.s
温度: ≤400℃(750°F)
清洗温度: ≤450℃(850°F)
进口压力:真空--1.5Mpa
最高压差: ≤40MPa

Operating Parameter

Viscosity: ≤40000 Pa.s
Working Temperature: ≤400° C(750° F)
Cleaning Temperature: ≤450° C(850° F)
Inlet Pressure: Vacuum--1.5MPa
Outlet Pressure: 40Mpa