

RG气动隔膜泵零部件材质特性及选配 Features And Selection Of Part Materials Of RG Pneumatic Diaphragm Pump

乙缩醛(Acetal)-适用于球阀和阀座
Apply to valve ball&seat

良好的抗溶剂性、抗磨蚀性、摩擦阻力低、吸湿性低
Good anti-solvent, anti-abrasion, low friction resistance, low moisture absorption

铝合金(Aluminum)-适用于气动马达和流体腔
Apply to pneumatic motor&fluid-cavity

极强的击性、耐磨蚀性和耐热性、中等抗化学腐蚀性
除不能用于HHCS流体外, 通用性好
Verystrong anti-hit, wear-resistance & heat resistance, moderate resistance to chemical corrosion, with the exception of HHCS fluid

导电乙缩醛(Groundable Acetal)-适用于流体腔
Apply to fluid-cavity

良好的抗溶剂性和抗油漆性
适用于易燃性流体, 不适于酸碱类流体
Good anti-solvent and anti-paint, and can be used for flammable fluid, not for acid & alkali

聚醚弹性体(Hytrel)-适用于隔膜、球阀和阀座
Apply to diaphragm, valve ball&seat

良好的磨蚀性、可替代丁腈橡胶, 适用于大多数中性流体
Good anti-abrasion, can replace Buna-N, apply to the majority of the neutral fluid

聚偏氟乙烯(PVDF)-适用于流体腔和阀座
Apply to fluid-cavity & valve seat

较强抗化学性抗挤压性、抗磨蚀性, 适用于高纯度酸类
Strong chemical extrusion resistance, anti-abrasion, apply to high purity acids

聚丙烯(PP)-适用于气动马达、流体腔和阀座
Apply to pneumatic motor, fluid-cavity & valve seat

中等抗磨蚀性、良好的抗化学性, 通用性好
特别适合于普通的酸碱
Medium abrasion resistance, good chemical resistance, good versatility, especially for common acid & alkali

氟橡胶(Viton)-适用于隔膜、球阀和阀座
Apply to diaphragm, valve ball & seat

极强耐酸性、耐无铅燃料、食品级
Highly acid-resistant, and resistant to unleaded fuel, food-grade

不锈钢(Stainless Steel)-适用于流体腔、阀座和球阀
Apply to fluid-cavity, valve ball & seat

极好的抗腐蚀性、抗磨蚀性、适用于水性涂料, 粘性流体
Excellent corrosion resistance, abrasion resistance, and apply to water-based Paints, viscous fluid

丁腈橡胶(Buna-N)-适用于隔膜和球阀
Apply to diaphragm, valve ball & seat

不适合强溶剂和化学流体, 适用于汽油类流体, 食品级
Not suitable for strong solvents and chemical fluid, apply to gasoline-type fluid, food grade

铸铁(Al)-适用于流体腔
Apply to diaphragm

良好的抗磨蚀性, 非常适合过滤泥浆输送
Good anti-abrasion, very suitable for transmitting filter mud

硬化不锈钢(Hardened Stainless Steel)-适用于阀座
Apply to valve ball

中等化学性, 良好的抗磨蚀性
Medium chemical resistance, good anti-abrasion

弹性混合物(Santoprene)-适用于隔膜、球阀和阀座
Apply to diaphragm, valve ball & seat

良好的抗磨蚀性、抗化学性和耐热性, 不适合溶性
可替代EPDM/DPR材质, 食品级
Good anti-abrasion, anti-soluble and heat-resistant, not suitable for soluble fluid, can replace EPDMEPR, food grade

特氟龙-适用于隔膜、球阀和阀座
PTFE, Teflon - apply to diaphragm, valve ball & seat

良好的抗化学性、抗溶剂性, 中等抗磨蚀性, 通用性强
Good anti-chemical, anti-soluble medium abrasion resistance, high universality

{Geolast}-适用于隔膜、球阀和阀座
Apply to diaphragm, valve ball & seat

抗磨蚀性胜于Hytrel, 抗化学性同Buna-N
Anti-abrasion better than Hytrel, anti-chemical same with Buna -N