

# 3GCLS110\*2W21立式三螺杆泵

产品名称	3GCLS110*2W21立式三螺杆泵
公司名称	河北远东泵业制造有限公司
价格	面议
规格参数	
公司地址	河北省泊头市道东街88号
联系电话	0317-8185077 13831765644

## 产品详情

矿物油输送泵 KCB483.3齿轮泵 内蒙大唐托克托发电公司 电动燃油泵 SMH120R42E6.7W21三螺杆泵  
保定余热电厂 电动污油泵 SMH120R46E6.7W23三螺杆泵 华源热电有限责任公司 输送石蜡泵  
SMH120R46E6.7W28三螺杆泵 阳城国际发电有限公司 输送废油泵 SMH80R36E6.7W23三螺杆泵  
辽源热电有限责任公司 发电厂润滑泵 SMH80R42E6.7W21三螺杆泵 四平发电运营中心 输送沥青泵  
NYP7-RU-T2-W11沥青混合料专用泵 长春第二热电有限公司 燃油喷射泵 SMH80R42E6.7W23三螺杆泵  
晖春发电有限责任公司 船用低压燃油泵 SMH80R42E6.7W23三螺杆泵 鸡西热电有限责任公司 输送汽油泵  
SMH80R42E6.7机械密封 佳木斯第二发电厂 高粘度乳液泵 NYP220B-RU-T1-W11高粘度液体齿轮泵  
台河第一电厂 燃料油供料泵 SMH80R46E6.7W23螺杆泵 江苏徐塘发电有限公司 造船厂主机润滑泵  
SNF940R46U12.1W2三螺杆泵 安徽省淮北发电厂 输送柴油泵 SNH120R46U12.1W23机械密封  
安徽淮南洛能发电公司 沥青加压输送泵 NYP3.6-RU-T1-W11高粘度抽料泵 安阳华祥电力有限公司  
输送乳油泵 SNH1300L46U12.1W2三螺杆泵 许昌龙岗发电有限公司 输送原油泵 YCB10圆弧齿轮泵  
华银电力株洲发电厂 沥青溶剂泵 SNH2200R42U12.1W2三螺杆泵 华银株洲发电公司 输送炭黑油泵  
SNH2200R46E6.7W21三螺杆泵 金竹山电厂 输送脂肪酸泵 SNH280R54E6.7W21泵头 华银金竹山火力发电  
炭黑油输送泵 KCB55齿轮泵 湘潭发电有限责任公司 输送树胶溶液泵 G40-1V-W110单螺杆泵  
湖南省耒阳发电厂 输送燃料油泵 SNH40R38U12.1W21三螺杆泵 灞桥热电有限责任公司 输送液压油泵  
SNH40R38U12.1W21三螺杆泵 灞桥热电厂 输送炼油泵 2CG5硬齿面渣油泵 陕西渭河发电厂 输送粘合剂泵  
SNH440R46E6.7W21三螺杆泵 陕西延安发电厂 倒油泵 W2.1ZK11M1W73双螺杆泵 陕西韩城发电厂  
输送胶乳泵 SNH660L51U12.1W2三螺杆泵 永昌发电厂 锅炉点火油泵 SNH80R46E6.7W21三螺杆泵  
甘肃甘谷发电厂 输送胶水泵 NYP110-RU-T1-W11高粘度泵 甘肃八0三发电厂 热火装置点火油泵  
SNH80R46E6.7W21三螺杆泵 甘肃连城发电厂 桐油输送泵 SNH80R46E6.7W21三螺杆泵  
甘肃兰西热电有限公司 输送润滑油泵 SNH80R46E6.7W21三螺杆泵 广西桂冠电力股份公司 输送重油泵  
SNH80R46E6.7W21三螺杆泵 桂冠大化水力发电总厂 渣油装车泵 SNH940R46E6.7W21泵头 广西岩滩水电厂  
输送石油泵 SNS210R46U12.1W2立式三螺杆泵 陈村水力发电厂

### 3G三螺杆泵性能:

用来输送温度 150 、粘度3-760cSt、不含固体颗粒、无腐蚀性、具有润滑性能的介质。适用压力范围：0.6-2.5Mpa;适用流量范围：0.6-123m<sup>3</sup>/h。主要应用于燃油输送、液压工程、船舶工程，石化及其他工业。Used to transfer temperature 150 , the viscosity of 3 or less - 760 CST, not containing solid particles,non-

corrosive, has the lubrication performance of the medium. Apply pressure range: 0.6 to 2.5 Mpa; Applicable flow range: 0.6-123 m<sup>3</sup> / h. Mainly used in the fuel transfer, hydraulic engineering, Marine engineering, petrochemical and other industries.

### 3G三螺杆泵应用范围:

1、介质为直线连续输送、无搅拌、无脉动。2、振动小，噪音低。3、压力高、效率高。4、结构简单、拆装方便。5、体积小，重量轻。6、磨损轻微，寿命长。 Application scope: 1, medium for linear continuous transmission, without stirring, without pulsation. 2, small vibration, low noise. 3, high pressure and high efficiency. 4, simple structure, convenient tear open outfit. 5, small volume, light weight. 6, wear light, long service life.

### 3G三螺杆泵工作原理:

3G型三螺杆泵是转子型容积泵，适于输送各种不含固体颗粒，无腐蚀性油类及类似油的润滑性液体、输送液体粘度2~760mm<sup>2</sup>/s，温度不超过80℃，超过80℃可用高温泵3GW型。 3 g type is three screw pump rotor type positive displacement pump, is suitable for conveying various not containing solid particles, non-corrosive oil lubricity and similar oil liquid, conveying liquid viscosity was 2 to 760 / s, temperature not over 80℃, more than 80℃ high temperature pump available 3 gw type.

3G型三螺杆具有多种结构，一般小流量泵衬套和泵体合为一个，可以卧式和立式安装。进油口方向可相隔90°任意安装，轴封多数为机构密封。中等流量以上泵，衬套为一个单独的零件固定于泵体内，螺杆轴端装有平衡环以液力平衡其轴向力。一般结构为卧式。进油口方向亦可以相隔90°任意安装。改变泵体后可制成立式。轴封根据情况有机械密封和软填料密封两种结构。 Three screw with multiple structure of 3 g, general small flow pump bushings and pump body into one, can be installed in a horizontal and vertical. Oil inlet direction can be 90° apart any installation, most of the shaft sealing seal for your organization. The medium flow in pump, bushing as a separate component fixed in the pump body, screw shaft end is equipped with the gimbal ring to hydraulic balance the axial force. The general structure is horizontal. Inlet direction also can be 90° apart any installation. After the change of pump body can be made into vertical. Depending on the situation of the shaft sealing with mechanical seal and soft packing seal two structures.

3G型三螺杆泵轴伸支承较小，应由原动机经弹性联轴器直接驱动，不得用皮带轮等会产生额外径向力较大的传动方式传动。 3 g type three-screw pump shaft and bearing is small, should be driven by a prime mover directly by the elastic coupling, shall not be used pulley will produce additional radial force large transmission way.

### 3G三螺杆泵输送各种油类时应注意事项：When conveying various oil matters should be paid attention to:

1、输送40~150mm<sup>2</sup>/s的油类最合适，允许按泵的最高工作压力使用。2、输送40mm<sup>2</sup>/s以下的油类，为保证泵的流量及寿命应降压使用。3、输送150mm<sup>2</sup>/s以上的油类，且进油管道过长，弯头过多，泵工作时如产生噪音或振动现象，则应考虑更换低一级转速的电机运转或缩短吸入管道，减少弯头。 1, delivery was 40 ~ 150 / s best oils, permitted to use according to the maximum working pressure of pump. 2, transmission oil, under 40 was/s in order to ensure the pump flow and life should be used antihypertensive. 3, transmission of more than 150 was/s oils, and the oil inlet pipe is too long, too much bend, such as noise or vibration phenomenon when the pump work, should consider to replace the low level of rotational speed of motor operation or shorten the suction pipe, reducing elbow.

### 3G型三螺杆泵安装要求:3 g type three-screw pump installation requirements:

1、安装前应检查泵的油封是否良好，并检查泵在运输中是否损坏，可用手转动联轴器是否有卡劲现象，如有则应拆泵进行清洗，修理和校正。 1, before installation should check whether the oil seal of the pump is good, and check the pump is damaged in transportation, turn the coupling usable hand card trouble

phenomenon, if there is any should tear open pump for cleaning, repair and calibration.2、安装泵的进油和排油管道时，其管径不得小于泵的进油和出油口口径，进油管道不得过长，弯头不得过多，否则将影响泵的工作状态。2, installation of pump suction and discharge of oil pipe, the pipe diameter shall not be less than the oil inlet of the pump and the oil outlet diameter, inlet pipe shall not be too long, elbow shall not too much, otherwise will affect the pump working condition.3、当有两台以上的泵安装在同一条主管线上，为便于泵的启动，在近泵的排油管上必须安装逆止阀。3, when more than two head of pump installed in the same line, to facilitate pump start-up, in close to the oil drain pump must be installed on a non-return valve.4、对于在较高温度（指60 以上）下输送粘度大的油类（如：重油）的备用泵，必须是热备用泵，否则泵在低温下启动会造成电机过载或泵损坏。（建议在靠近泵的排油管上的逆止阀旁，并联安装一个小回流阀，对备用泵可微启回流阀，使泵缓慢逆转，其逆转速 100转/分，使部分热油经常流过泵内，达到泵热备用目的）。4, for under high temperature (above 60 ) conveying the viscosity of oil (such as: heavy oil) of the standby pump, it must be hot standby pump, otherwise the pump at low temperature can cause the damage of motor overload or pump.(suggest near the exhaust non-return valve on the tubing pump, a small return valve installed in parallel, differentiable and the backflow preventer to standby pump, the pump slow reversal, the reverse speed 100 r/min or less, often make some hot oil flows through the pump, to pump hot standby purposes).5、输送介质内含有机械杂质。将严重影响泵的运转和降低使用寿命，因此在泵安装前，必须仔细清除进油管内的焊渣，沙粒等杂质，并应在进油管道靠近泵处安装滤器，滤器网孔大小，可根据工作情况及介质粘度确定。（一般可用40~80目网），过滤面积一般不得小于进油管横截面积的20倍。5, mechanical impurity is contained within the transmission medium.Will seriously affect the operation and reduce the service life of pump, so before the pump installation, must be carefully clean up the feed tube welding slag, impurities such as grains of sand, and shall be installed in the inlet pipe near the pump filter, filter mesh size, is decided according to the working condition and medium viscosity.Available (40 ~ 80 mesh net), filter area generally shall not be less than 20 times into the cross-sectional area of the tubing 6、尽量在泵进油和排油口处的螺纹孔上连接压力表和真空表，以便于观察泵的运转状态。6, as far as possible in the pump suction and discharge of oil on the threaded hole mouth connect pressure gauge and vacuum gauge, in order to observe the pump running state.7、原动机与泵的转轴必须在同一中心线上，可用直尺测隙规在联轴器圆周上间隔90°处检查。8、原动机与泵的转向必须一致，严格禁止原动机驱动泵逆转。电机接线时，应先脱开电机与泵的联轴器，对电机作试运转。使其转向与泵的转向标志一致。7, prime mover and the pump shaft must be in the same center line, available ruler feeler gauge in the coupling of the circumference of a circle by 90 ° in check.8, steering engine and pump must be consistent, strictly prohibited prime motor driven pump reversal.Electrical wiring, should first release coupling of motor and pump, a test run on the motor.The steering pump and steering sign agreement.

### 3G型三螺杆泵的使用

1、泵启动前，必须全开进油和排油闸阀。The use of 3 g type three-screw pump 1, before starting the pump, oil inlet must be fully open and oil discharge gate valve.2、首次启动泵或再次使用长期封存的泵时，泵内无介质，应在泵的进油腔灌注适量输送介质，避免泵干启动。2, start the pump for the first time or again for a long time use of the pump, the pump inside without medium, should be in the inlet of the pump cavity perfusion amount transfer medium, avoid dry start pump 3、泵启动后，应密切注意电流表，压力表和真空表的数值，超出规定值时，应停泵找出原因后，再行启动。3, the pump starts, should pay close attention to current meter, pressure gauge and vacuum gauge value, beyond the specified value, should stop pump after find out, start again.4、轴封处点滴泄露，应属正常现象，当泄露量大量增加时，对软填料密封应压紧填料压盖，对机械密封应停泵修复后，再行启动。4, shaft sealing drip leakage, should belong to the normal phenomenon, when the leak amount of increase, the soft packing seal should be compression packing gland, to pump mechanical seal shall be shutdown after repair, start again.5、用高温蒸汽清扫管线时，应避免高温蒸汽通过泵内。5, with high temperature steam cleaning pipeline, should avoid high temperature steam through the pump.6、如果泵长期不工作时，应进行油封，并定期检查油封情况，必要时重新油封。6, if the pump is not working for a long time, should carry on the oil seal, and regularly check oil seal, oil seal again if necessary.