

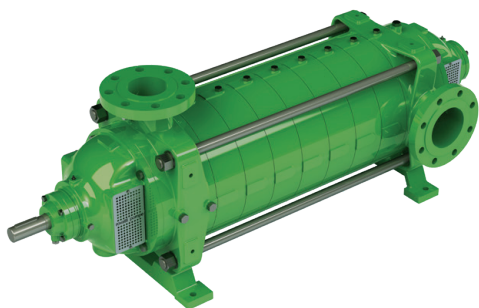
Horizontal bareshaft pumps 卧式裸轴泵

Irrigation systems
Water supply
Pressure boosting
General industry

农业灌溉
供水行业
增压
工业应用



SKD High pressure 高扬程



Double bearing support

The pump shaft is supported at each sides by two bearing housings which ensure great stability and rigidity.

双轴承支架结构

泵轴两侧均由独立轴承座支撑，确保了极大的运行稳定性和结构刚性。

General data - 基本数据

Pump 泵型号	Capacity max. 最大流量		Head max. 最高扬程		Power max. 最大功率
	[m³/h] - 立方/小时	[US.gpm]	[m] - 米	[ft]	
SKD65	60	265	495	1620	90
SKD80	110	485	500	1640	150
SKD100	275	1210	480	1575	330
SKD150	360	1585	350	1150	300
SKD200	540	2375	220	720	250

SK - SK Europa Multistage 多级



Robust and reliable

The high quality materials and the dynamically and hydraulically balanced impellers ensure a long operational reliability.

坚固可靠

高品质材料搭配经过动态平衡校准的叶轮确保了长期运行可靠性。

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	[m³/h] - 立方/小时	[US.gpm]	[m] - 米	[ft]	
SK	330	1450	200	655	160
SK Europa	285	485	1255	870	140

S - SQ Single-stage 单级



Low pressure

Horizontal single-stage with high suction capacity for low-pressure irrigation systems and liquid transfer.

低扬程

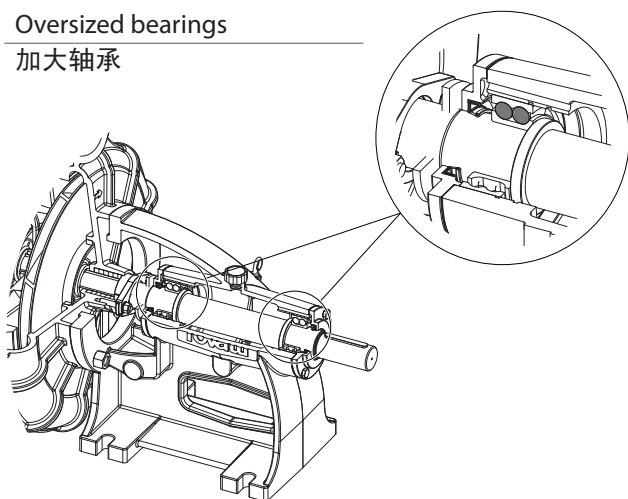
卧式单级具有高吸程特性，适用于低压灌溉系统和液体输送。

General data - 基本数据

Pump 泵型号	Capacity max. 最大流量		Head max. 最高扬程		Power max. 最大功率
	[m³/h] - 立方/小时	[US.gpm]	[m] - 米	[ft]	
S	1020	4500	35	115	55
SQ	360	1585	40	130	45

Oversized bearings

加大轴承



Horizontal bareshaft SKD, SK and S-SQ series through an elastic coupling can be driven by diesel engine, hydraulic motor or electric motor thus being able to adapt to countless applications.

Reduced energy consumption

The hydraulic design is optimized to obtaining maximum efficiency which reduces both the nominal motor and the energy consumption of the system. Impellers diameter should can be adapted to the optimal duty point.

Maximum reliability

Impellers are hydraulically balanced with two replaceable wear rings to reduce axial bearing load. Pump shaft is designed with high safety factor to minimize bending deformations and the bearings are also oversized. Pumps are designed and tested for silent operation and low vibration levels which guarantee prolonged operational reliability.

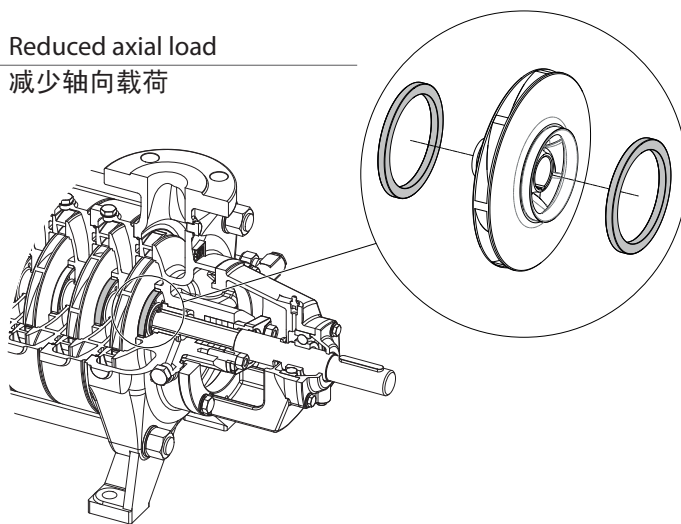
Easy maintenance

Precise machining processes and numerous design details allow for easy pump disassembly to carry out inspection and ordinary maintenance operations. Models with stuffing box seal are equipped with the special two halves flange Twinner System® to replace packing rings without disassembly the pump shaft support.

The SKD, SK and S-SQ series number of models and construction combinations are the ideal solution for irrigation systems and water supply, pressure boosting and general industry.

Reduced axial load

减少轴向载荷



卧式裸轴SKD、SK 和 S-SQ 系列通过弹性联轴器可由柴油机、液压马达或电机驱动，满足多样化应用需求。

节能高效

液压设计经过优化实现最高效率，从而降低配套电机和系统的能耗。叶轮直径可根据最佳工况点灵活调整。

最大的可靠性

叶轮通过两个可更换的耐磨环进行液压平衡，以减少轴向轴承负荷。高安全系数泵轴设计最大限度地减少弯曲变形，搭配超大轴承配置。泵的设计和测试具有静音运行和低振动水平，可确保长期稳定运行。

维护便捷

精确的加工工艺和人性化设计细节使泵的拆卸变得容易，便于日常检修维护。填料密封采用特殊Twiner系统对开法兰设计，无需拆卸泵轴支架即可更换填料环。

SKD、SK 和 S-SQ 系列型号和结构组合是农业灌溉、供水行业、增压和工业应用的理想解决方案。



A powerful team in the world

Since 1952 Rovatti Pompe manufactures, develops and distributes centrifugal pumps for submersible and surface installations constantly asserting itself as a global leader.

The wide range of centrifugal pumps produced, the well-established experience in the field and the continuous production quality improvement summarize the potential fielded by the Company.

While an active research and development program focuses on technological innovations and environmental impact, the design of new production processes, the development of advanced technical solutions and the use of new materials allow the Company to steadily improve the efficiency, reliability and maintenance of all products.

The value of the employees finally complete the driving force behind the entire Rovatti group.

世界上强大的团队

自1952年以来，Rovatti Pompe一直致力于制造、开发和销售潜水泵、深井泵、地面泵，不断成为全球领导者。

生产的离心泵种类繁多，在该领域积累了丰富的经验，不断提高生产质量，总结了公司在该领域的潜力。

质量和创新代表了Rovatti Pompe所有选择的精神，虽然积极的研发计划侧重于技术创新和对环境的影响，但新生产工艺的设计、先进技术解决方案的开发和新材料的使用使公司能够稳步提高所有产品的效率、可靠性和维护性。

员工的价值构成整个Rovatti集团背后的驱动力。

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