



## TSURUMI Submersible pump KRS project dewatering

KRS models are heavy duty drainage pumps that incorporate specifically designed 4 pole motors to provide excellent solids handling capabilities and wear resistance, in those applications where very large volumes of water, containing sand and silt in suspension, need to be moved rapidly. The design incorporates a cast iron pump casing, motor frame and a ductile iron impeller. The heavy duty motor is fitted with internal overloads, which enables simple installation and direct connection to the power supply. The 420 stainless steel shaft is fitted with an ultra hardwearing double mechanical seal (inboard: silicon carbide-silicon carbide) which runs in an oil chamber that has an oil lifter for positive seal lubrication in any position. This feature, combined with the water and air cooling channel to the top outlet, allows the pump to operate for extended periods with little or no water. Maintenance is straightforward, with simple replacement of wearing parts without the need for a workshop or even special tools.

All models are supplied with 20 metres of heavy duty rubber power cable although IDS (individually screened cable) is available, at an extra cost, on most models, for quarry and mining applications.