



## TSURUMI Submersible pump GPN slurry

GPN models are heavy duty drainage pumps, capable of very large flows, which incorporate specifically designed 4 pole motors for excellent wear resistance. The side discharge, spiral design and the rotating agitator facilitate the passage of sand, bentonite, pulverized solids etc. without clogging. The design also incorporates a motor frame and pump casing in grey cast iron, with the suction cover and impeller in chromium iron. Heavy duty motors are fitted with internal overloads, which enable simple installation and direct connection to the power supply. Each model has a motor shaft is in Chromium Molybdenum steel giving the enhanced tensile strength required for extreme slurry and hard solids handling duties. They are fitted with ultra-hard wearing, double mechanical seals (inboard: silicon carbide-silicon carbide) in an oil chamber that has an oil lifter for positive seal lubrication in any position. 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 all models, for quarry and mining applications. Each model is supplied with a hose connector in cast iron.