
Rubber Lined Slurry Pump SHR/250ST



Rubber Lined Slurry Pumps Model: SHR/250ST (12/10ST-AHR)

SHR/250ST is equivalent to 12/10ST-AHR, a 10" discharge rubber lined slurry pump, which is widely used for corrosive slurry applications. SHR/250ST is horizontal centrifugal type heavy duty rubber lined slurry pump. Rubber Lined Slurry Pumps are used to handle tailings in various mining sectors. Plus, it can also be used to feed cyclones for sand washing plants, quarries, etc. SHR is high corrosion-resistant pump series for the hydraulic conveyance of liquids-solids of any type. It's wet-end spare parts are made of natural rubber R55, a black soft natural rubber, which has superior erosion resistance to all other materials in fine particle slurry applications. The high erosion resistance of R55 is provided by the combination of its high resilience, high tensile strength and low Shore Hardness.

In fact, this model is a little special, because this pump is installed with metal impeller, although the inner liners are rubber. This way, the actual head of the pump will be higher than that of fully rubber lined.

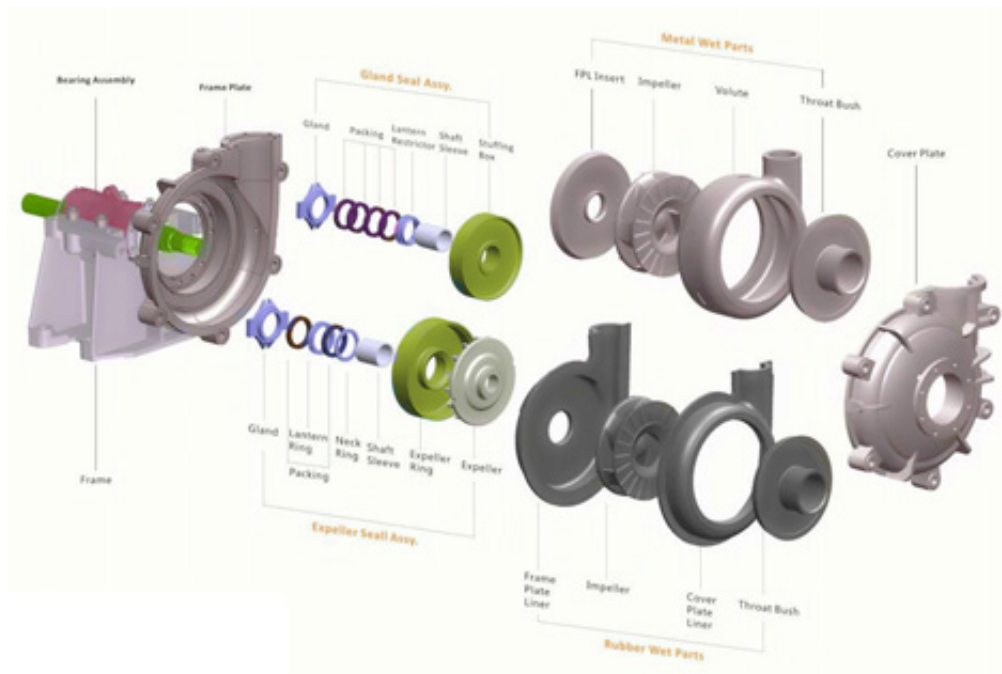
Rubber Lined Slurry Pumps Applications:

Mine Dewatering; Sand Pumping; Manure Slurry; Oil Sands; Tailings and Aggregate; Coal Production etc.

Material Construction:

Part Description	Standard	Alternative
Impeller	A05	Polyurethane, Metal A05
Cover Plate Liner	R55	Polyurethane
Frame Plate Liner	R55	Polyurethane
Throatbush	R55	Polyurethane
Split Outer Casings	Grey Iron	Ductile Iron
Shaft	Carbon Steel	SS304, SS316
Shaft Sleeve	SS304	SS316, Ceramic, Tungstan Carbide
Shaft Seal	Expeller Seal	Gland Packing, Mechanical Seal
Bearings	ZWZ, HRB	SKF, Timken, NSK etc.

Construction & Structure:



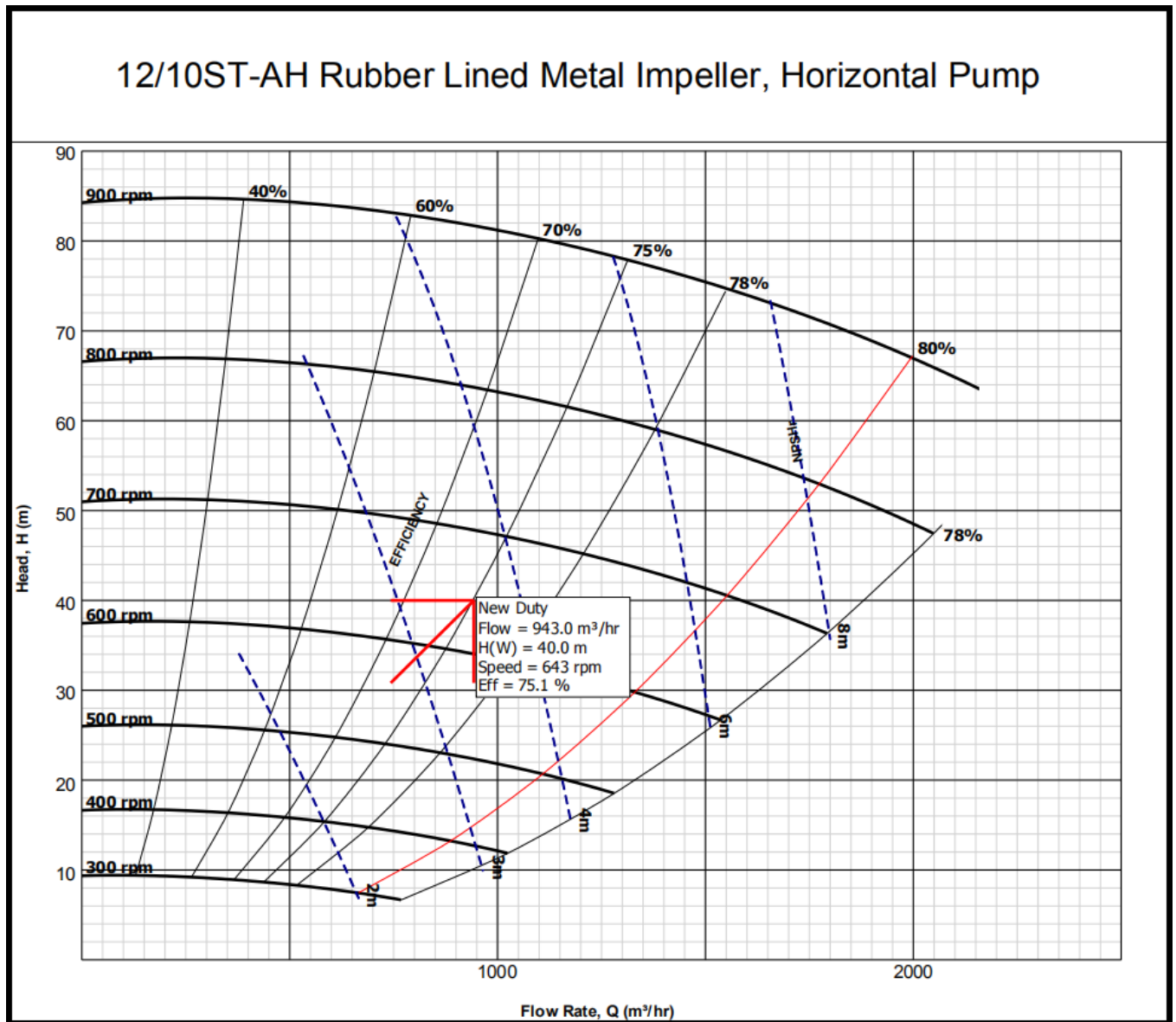
Specifications:

Flowrate: up to 1500m³/hr; Head: upto 50m; Speed: upto 650rpm; Bearing Assembly: SH005M

(Optional Bearing Assembly: SH005M with Max. Motor Power of 560Kw)

Impeller: 5-Vane Closed Type with Vane Diameter: 686mm; Max. Passage Size: 76mm; Max. Efficiency: 80%

Performance Curve:



Product link : <https://www.qualityslurrypump.com/rubber-lined-slurry-pump-shr250st.html>