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## Horizontal Rubber Lined Slurry Pump SHR/100D



### Pump Model: SHR/100D (6/4D-AHR)

SHR/100D is equivalent to 6/4D-AHR, a 4" discharge rubber lined slurry pump, which is widely used for corrosive slurry applications. SHR/100D is the most popular pump model among our horizontal centrifugal type heavy duty rubber lined slurry pumps. It is 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.

Rubber pumps can also be used for applications where metal pumps are widely used, when the pH is 5-8. But they are more often used to handle fine articles with small solids.

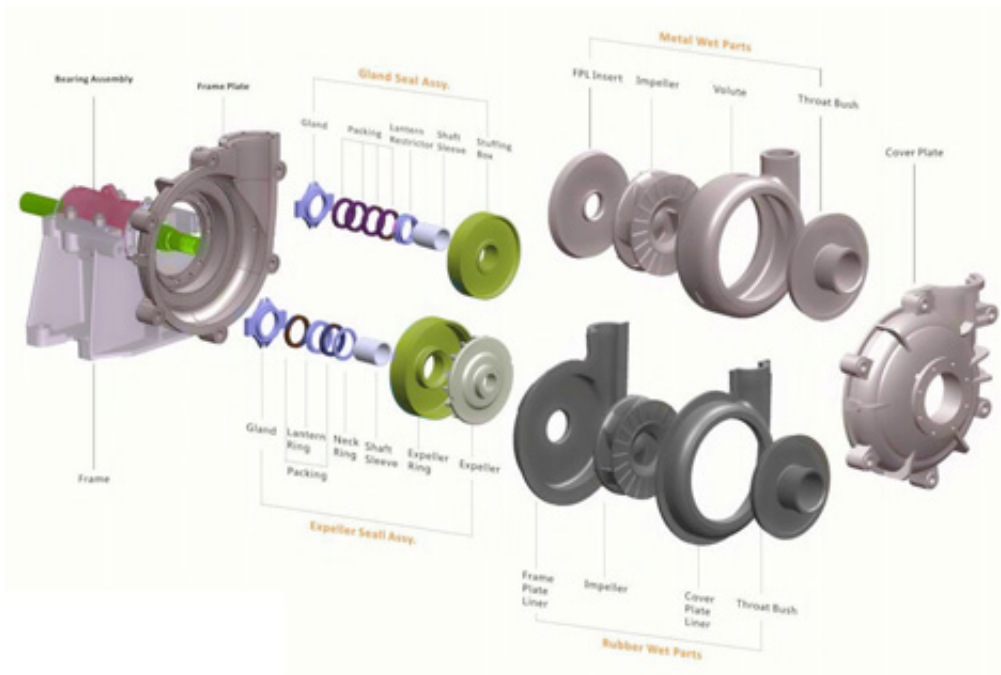
### Applications:

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

### Material Construction:

Part Description	Standard	Alternative
Impeller	R55	Polyurethane
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: 144-324m<sup>3</sup>/hr; Head: 12-45m; Speed: 800-1350rpm; Bearing Assembly: DAM005M

(Optional Bearing Assembly: DDAM005M, E005M, EE005M)

Impeller: 5-Vane Closed Type with Vane Diameter: 365mm; Max. Passage Size: 44mm; Max. Efficiency: 64%



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Product

link : <https://www.qualityslurrypump.com/horizontal-rubber-lined-slurry-pump-shr100d.html>