



3NB-1300 Triplex Mud Pumps (API-7K)



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Introduction

3NB-1300 Mud Pump is horizontal triplex single acting piston pump which is suitable to oil, water well, geothermy, CBM, shale gas, coalfield exploration, freezing well as well as well other drilling ,well cementation, workover and other operations in industrial and mining enterprises. It is used for transferring mud, clay gum, mortar and other medium to the borehole. The pump adopts international advanced technology. It is characterized by advanced structure, reliable operation, good suction performance, long service life of wearing parts, easy for maintenance and repairing and so on.

Classification

Drilling Rig Mud Circulation System->Drilling pump->Mud pump packages

Attributes

- Model: 3NB-1300 Triplex Mud Pumps (API-7K)

Product Description

DESCRIPTION:

Frame

The machine frame is welded with steel plates. The transmission bearing seat and the upper and bottom seat of the crankshaft are made of cast steel. At the bearing seat of the crankshaft, it adopts steel plates and ribbed slabs to reinforce the system in order to get good stiffness and strength.

Crankshaft

It is made of alloy steel cast.

Transmission Gear Pair

The gear pair adopts involute herringbone gears with medium-hard gear surface so that the transmission torque is larger and the systems can operate more stably.

Pinion Shaft

It is made of an alloy steel forge, and a belt pulley may be installed at either side of the transmission shaft.

Crosshead

The crosshead is made by one-piece cast with nodular cast iron, so the crosshead has good resistance to abrasion. The structure of top and bottom guidance is adopted for crossheads in order to regulate the concentricity by adding gaskets at the bottom guidance.

Fluid Cylinder

The cylinder is made of forge alloy steel and adopts a straight-way structure. The hydraulic cylinder has a small size and higher volume efficiency. The conicity at the valve seat holes is 1:6 and there is a step. The hydraulic cylinder is applicable in conditions with high pressure. The cover and flange on the hydraulic cylinder are connected by saw tooth threads. The flange is mounted to the cylinder by bolts so that it is easy to remove and maintain. The cylinder surface is processed by chemical plating in order to increase the resistance to corrosion.

Valve Assembly

NB1300 and NB1600 series drilling pumps are all equipped with API#7 valves. The parts at the fluid end, including the hydraulic cylinder, liner, piston, valve body, valve seats, valve springs, seal parts, valve cover and cylinder cover are all interchangeable.

Lubrication System

Oil wipers and oil grooves are set at the gear shaft. Lubrication oil is transmitted to the two bearings respectively on the transmission shaft and the crankshaft as well as the lubricating point at the top of the guide plate. A forced lubrication device can be equipped outside the machine frame.

RONG SHENG MUD PUMP SERIES MODELS:

F Series	P Series	3NB Series	W Series	PAH Series	TEE Series	
RS-F500	8-P-80	RS-3NB 1300	W-440	PAH-350	TEE-300	
RS-F800	9-P-100	RS-3NB 1600	W-446			
RS-F800 FT	10-P-130		W-447			
RS-QF800	12-P-160					
RS-F1000	RS-P160 OHL					
RS-F1300						Mud Pump-Engine Packages
RS-F1300L						
RS-F1300FT						
RS-F1600						
RS-QF1600						
RS-F1600HL						
RS-QF1600HL						
RS-F1600FTL						

We mainly export and produce mud pump parts, including cylinder liners, pistons, piston inserts, valve inserts, oil seals, rod packings, hydraulic ends, etc. All products meet or exceed DIN and API standards and have been

exported to the UK, Germany, the US, Canada, Pakistan, the Middle East and other regions.

We also supply mud pump parts according to drawings or samples provided by customers.

Explore the Yingpai advantage and discover why we are a trusted name in the industry.

Whether you are in the market for API triplex mud pumps or seeking a reliable triplex mud pump manufacturer, Yingpai is here to meet your needs.

Contact us today to explore our range and find the perfect solution for your drilling operations.

Our company is a professional supplier of oil equipment, including drilling and workover rig spare parts, mud pumps, well control systems, drill strings, solids control equipment, operating tools, downhole tools, oil well pipes, drilling tools, cementing tools and spare parts, and in compliance with API certification. Our products are exported to Russia, the United States, the Middle East, South America, Southeast Asia, Central Asia, Africa, Australia, Europe and other regions. Our company is willing to sincerely cooperate with foreign friends and make common progress with first-class products, first-class services and reasonable prices.