

SUBSURFACE SUCKER ROD PUMPS



IZHNEFTEMASH plant of RIMERA Company manufactures SRP equipment since 1993, and has been a leader of Russian SRP market for years. We produce more than 1000 pump types and sizes, both standard and special versions according to Russian and international standards.

Izhneftemash manufactures over 5500 SRPs every year and by now more than 21 000 of oil producing wells in Russia are equipped by our SRPs.

IZHNEFTEMASH SRPS ADVANTAGES:

- Certified both to API 11AX and GOST standards;
- Over 1250 days average run life (according to clients data);
- Fit for your need – over 1000 modifications;
- Corrosion and abrasion resistant: Tungsten carbide valves, chrome and nitride plated barrels, chromium-nickel sprayed plungers;
- Recognized worldwide: satisfied clients in European, Latin America, CIS and Asian countries.

PUMP TYPE		DESIGNATION		PUMP SIZE
		MECHANICAL SEATING ASSEMBLY	CUP SEATING ASSEMBLY	
Insert pumps with standing barrel	With top anchor	RHAM	RHAC	20-106 (25-106) 20-125 (25-125) 25-150, 25-150 25-175
	With bottom anchor	RHBM	RHBC	30-225 (RHBM)
Tubing pumps		THM (THM-C, THM-T, THM-K)	THC	20-106 15-125, 20-125 (25-125) 25-150 20-175 (25-175) 25-225 30-275

SRP SURFACE UNITS

IZHNEFTEMASH manufactures SRP surface units since 1991, and its their reliability is recognized by our clients all over the world. We produce over 350-400 pumping units every year, and our market share is over 20% in Eastern Europe.

WE MANUFACTURE A WIDE VARIETY OF SRP SURFACE UNITS BOTH TO API 11E AND GOST STANDARDS:

- C-80D-119-54, C-80D-133-54, C-80D-119-64;
- C-114D-173-64, C-160D-173-74, C-160D-143-74;
- C-228D-173-74, C-228D-213-120;
- C-320D-256-120;
- NC-456D-256-144.



While we manufacture pumping units in full compliance with API Specification 11E, there is a significant benefit of GOST standard surface units – the application of the Novikov gearing reducer instead of the involute gearing, as required by API.

The Novikov gearing is an outstanding engineering innovation that provides higher pitting strength, 2.5 times higher load capacity and 2 times higher torques compared to the involute gearing with less friction losses under the same dimensions. These advantages promoted the implementation of the Novikov gearing in different industries: oil and mining machine-building, shipbuilding, manufacture of energy equipment, compressors, etc. The Novikov gearing is applied in helicopter gear reducers (Westland Helicopters, GB), in the drives for pumps and other oil equipment (Darco, USA), in heavy-duty turbine units for passenger ships (GNMZ, China), and at Japanese, Belgium, Indian and German enterprises.

Such characteristics allow us to provide extended warranty for the pumping units with the Novikov gearing – up to 2 years.



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