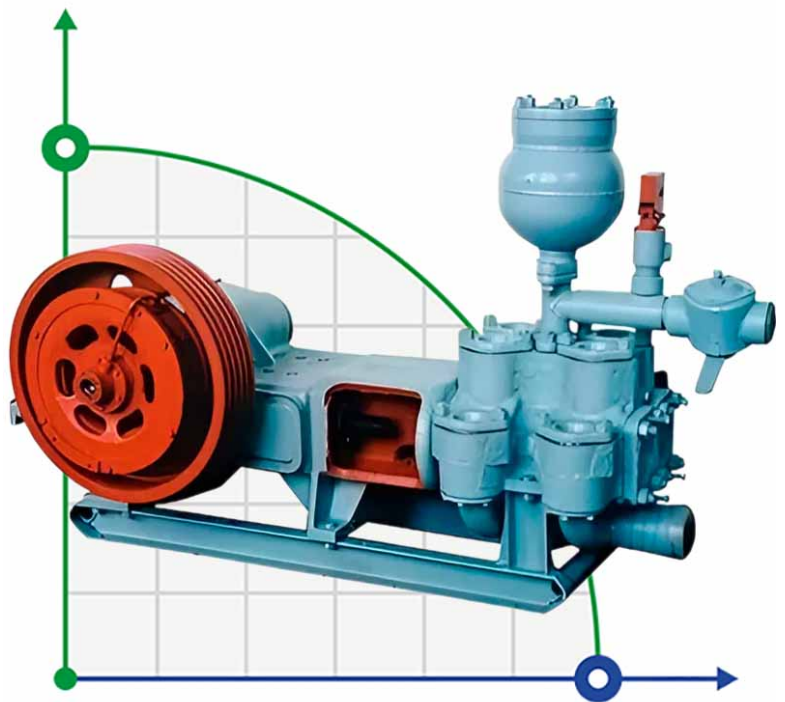
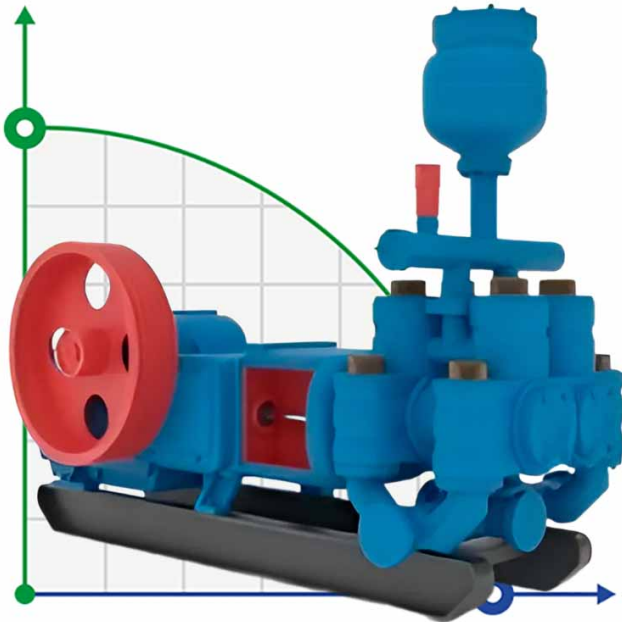


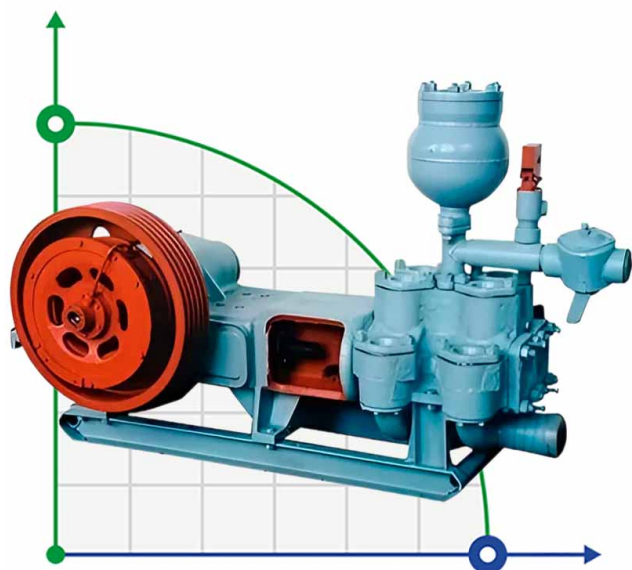


CATALOG

drilling pumps of the NB series

EN

NB-25 drilling pump



It is intended for pumping liquid for washing (water, clay solution) into a well during geological exploration and structural exploration drilling for oil and gas. The pump is also widely used in the food, chemical and construction industries for pumping various non-aggressive liquids.

PARAMETERS	NB-32
Piston stroke length, mm	160
Frequency of rotation of the transmission shaft (max), rev/min	413 (110 double moves)
Vacuum height of suction, m	3
Diameter of suction/discharge pipes, mm	113/50
Overall dimensions, mm, no more	1860 x 1000 x 1330
Mass, kg, no more	1180

Basic constructive implementations

NB-32.01 Pulley on the right side

NB-32.02 Pulley on the left side

NB-32.03 With pneumatic coupling and pulley on the right side

NB-32.04 With pneumatic coupling and pulley on the left side NB-32.05

With friction coupling and pulley on the right side

NB-32.06 With friction clutch and pulley. side location of manometer NB-32.08

Pulley on the left side, side location of manometer

NB-32.09 With pneumatic coupling and pulley on the right side, lateral arrangement of the pressure gauge

NB-32.10 With pneumatic coupling and pulley on the left side, lateral arrangement of the pressure gauge

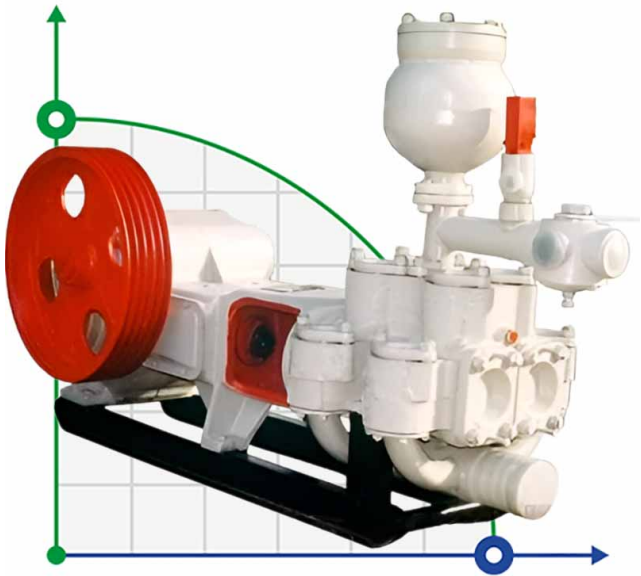
NB-32.11 With friction coupling and pulley on the right side, lateral arrangement of the pressure gauge

NB-32.12 With friction coupling and pulley on the left side, lateral location of the manometer

Pressure and volume supply of pumps (at 110 double strokes of the piston)

MARKING PUMP (TYPE)	USEFUL POWER, KW	DIAMETER OF VARIABLES VTULOK, MM	VOLUME SUPPLY, DM ³ /SEC. (M ³ /HOUR)	MOST PRESSURE, MPA
NB-32	32	80	5.2 (18.7)	6.2
		90	6.7 (24.1)	4.8
		100	8.5 (30.6)	3.8
		110	10.4 (37.4)	3.1

NB-50 drilling pump



It is intended for pumping liquid for washing (water, clay solution) into a well during geological exploration and structural exploration drilling for oil and gas. The pump is also widely used in the food, chemical and construction industries for pumping various non-aggressive liquids.

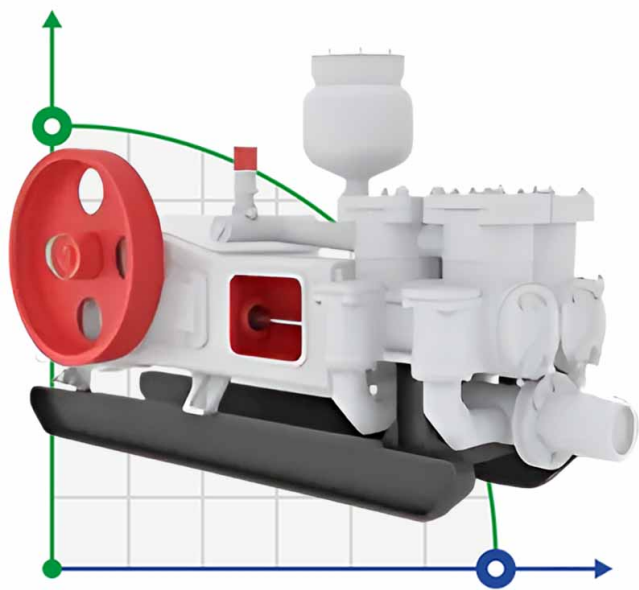
PARAMETERS	NB-50
Piston stroke length, mm	160
Frequency of rotation of the transmission shaft (max), rev/min	413 (110 double moves)
Vacuum height of suction, m	3
Diameter of suction/discharge pipes, mm	113/50
Overall dimensions, mm, no more	1860 x 1000 x 1330
Mass, kg, no more	1180

Basic constructive implementations

- NB-50.01 Pulley on the right side
- NB-50.02 Pulley on the left side
- NB-50.03 With pneumatic clutch and pulley on the right side
- NB-50.04 With pneumatic clutch and pulley on the left side
- NB-50.05 With friction clutch and pulley on the right side
- NB-50.06 With friction clutch and pulley on the left side
- NB-50.07 Pulley on the right side, lateral location of the manometer

Pressure and volume supply of pumps (at 110 double strokes of the piston)				
MARKING PUMP (TYPE)	USEFUL POWER, KW	DIAMETER OF VARIABLES VTULOK, MM	VOLUME SUPPLY, DM³/SEC. (M³/HOUR)	MOST PRESSURE, MPA
NB-50	50	80	6.7 (24.1)	7.5
		90	8.5 (30.6)	5.9
		100	10.4 (37.4)	4.8
		110	12.5 (45)	4

NB-80 drilling pump



It is intended for pumping liquid for washing (water, clay solution) into a well during geological exploration and structural exploration drilling for oil and gas. The pump is also widely used in the food, chemical and construction industries for pumping various non-aggressive liquids.

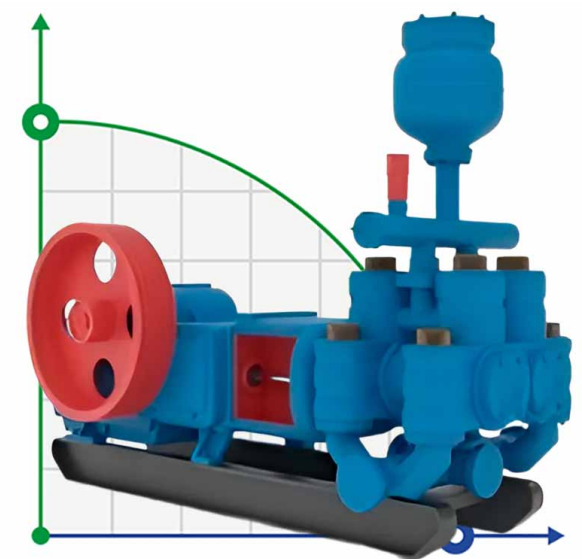
PARAMETERS	NB-80
Piston stroke length, mm	200
Frequency of rotation of the transmission shaft (max), rev/min	428 (110 double moves)
Vacuum height of suction, m	3
Diameter of suction/discharge pipes, mm	113/50
Overall dimensions, mm, no more	1915 x 1020 x 1215
Mass, kg, no more	1385

Basic constructive implementations

- NB-80.01 Pulley on the right side
- NB-80.02 Pulley on the left side
- NB-80.03 With pneumatic clutch and pulley on the right side
- NB-80.04 With pneumatic clutch and pulley on the left side
- NB-80.05 With friction clutch and pulley on the right side
- NB-80.06 With friction clutch and pulley on the left side

Pressure and volume supply of pumps (at 110 double strokes of the piston)				
MARKING PUMP (TYPE)	USEFUL POWER, KW	DIAMETER OF VARIABLES VTULOK, MM	VOLUME SUPPLY, DM³/SEC. (M³/HOUR)	MOST PRESSURE, MPA
NB-80	80	80	6.5 (23.4)	12.3
		90	8.4 (30.2)	9.5
		100	10.6 (38.2)	7.6
		110	13.0 (46.8)	6.2
		120	15.7 (56.5)	5.1

NB-125 drilling pump



For injection of flushing fluid during drilling of oil and gas wells; For the injection of liquid media during the execution of washing and selling works in the process of capital repair of wells;

For pumping water into the reservoir for intensification of oil production;
For pumping various non-aggressive fluids.

PUMPS ARE COMPLETED WITH INCREASED RELIABILITY COMPONENTS:

Rods with reinforcement of the working part with chrome-nickel hard alloy. The coating has a low coefficient of friction, increased corrosion resistance; Rubber-fluoroplastic sealing of the pistons and the rod reduces the wear of the bushings and the rod, ensures long-term reliable operation of the pump.

Technical characteristics NB-125	
EQUIPMENT PARAMETERS	VALUE
Useful power, kW	125
Piston stroke length, mm	250
Rotational frequency of the transmission shaft, rev/ min	Up to 511 (100 double piston strokes)
Vacuum height of suction, m	3
Connecting pipes:	external tubing thread
injection mm	60 flange Dy 100 mm
suction mm	

Structural designs of NB-125			
EXECUTION NUMBER	IMPLEMENTATION	DIMENSIONS, MM	MASA, KG
NB-125IZH-27	Bez pulley and frame	2610 x 890 x 1960	2810
NB-125IZH-28	With pulley, without frame	2610 x 980 x 1960	3170
NB-125IZH-29	With a pulley, on the frame	2610 x 980 x 2010	3260
NB-125IZH-30	With pulley, discharge flanges, without frame	2610 x 980 x 1960	3190

Pressure and volume delivery of the pump depending on the diameter of the bushings and the number of double strokes of the piston		
DIAMETER OF VARIABLES VTULOK, MM	PRESSURE, MPA/FEED, DM3/SU. (M3/HOUR)	
	66 Double moves	100 Double Moves
90	20.5/6.1 (22.0)	13.4/9.3 (33.5)
100	16.0/7.8 (28.1)	10.6/11.8 (42.5)
115	11.8/10.6 (38.2)	7.8/16.0 (57.6)
127	9.5/13.1 (47.2)	6.3/19.8 (71.3)