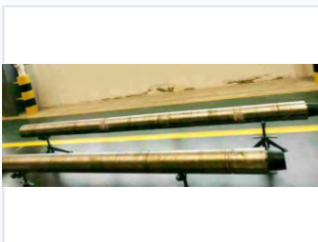


Hydraulic Drilling Power Promoter

This hydraulic drilling power promoter stabilizes drilling pressure, reduces vibration, and increases drilling speed. It provides accurate pressurization and even bit-feeding, solving the problem of applying drilling pressure in directional, large displacement, horizontal, and small borehole wells.



ADDITIONAL IMAGES



Overview

Hydraulic Drilling Power Promoter

The hydraulic drilling promoter is an essential tool designed to stabilize drilling pressure, reduce vibration, and increase overall drilling speed. By utilizing hydraulic pressurization, it provides accurate bit-feeding, effectively solving challenges associated with directional, large displacement, horizontal, and small borehole wells. This system improves well trajectory quality and enhances the stress-bearing status of the drill string, ultimately extending the operational life of the drilling bit.

Key Features

Key Benefits

Stabilizes Drilling Pressure, Reduces Bit Vibration, Increases Drilling Speed, Improves Well Trajectory, Extends Bit Life

Technical Specifications

Technical Parameters

		YZC122	YZC172	YZC197	YZC244
OD	mm	122	172	197	244
	in	4 3/4	6 3/4	7 3/4	9 5/8
Upper Connection	API	NC38	NC50	6 5/8 REG	7 5/8 REG
Bottom Connection	API	NC38	NC50	6 5/8 REG	7 5/8 REG
Length	m	3.6	4.0	5.0	6.0
	ft	11.8	13.1	16.4	19.7
Piston Area	cm ²	140	265	380	450
	in ²	21.7	41.1	58.9	69.8
Working Stroke	mm	260	250	300	350
	in	7.87	9.84	11.81	13.78
Piston Series		3	3	3	3
Max. Working Tension	kN	1,000	1,500	1,800	2,500
	lb	224,810	337,210	404,660	562,020
Max. Working Torque	N·m	10,000	25,000	35,000	40,000
	ft·lb	7,376	18,440	25,816	29,504

Note: Connection can be based on customer's requirement

Detailed technical specifications and dimension table for various hydraulic drilling promoter models.

Technical Parameters

Model	OD (mm)	Length (m)	Max Tension (kN)	Max Torque (N·m)
YZC122	122	3.6	1000	10000
YZC172	172	4	1500	25000
YZC197	197	5	1800	35000
YZC244	244	6	2500	40000

Connection Standards

- NC38
- NC50
- 6 5/8 REG
- 7 5/8 REG

Customization

Connection types can be customized based on customer requirements.