

## 螺杆钻具:

螺杆钻具是一种容积式马达，通过高压钻井液由钻杆进入螺杆钻具后，将液压能转化成机械能，由转子带动主轴和钻头旋转，来达到钻井的目的。

技术先进：瞄准国际先进水平，设计、生产各种螺杆钻具，如可换套扶正器螺杆钻具、大功率螺杆钻具、符合钻井用螺杆钻具等井口可调角度螺杆钻具。

特点突出：扭矩大、效率高、流量范围广、运转平稳、易维修、可靠性高、使用寿命长。

规格齐全：适合 3-1/2" 井眼的各种规格螺杆钻具。各种系列均有直体、单弯、双弯等结构形式。



Advanced Technology: Aim at advanced international level and design, producing all kinds of down-hole motor, such as replaceable cylinder centralizer down-hole motor, large power down-hole motor, meeting drilling well usage down-hole motor and so on down-hole motor.

Features: Big torque, high effective, wide flow rate range, running stable, and long using time.

Specifications: Fit for 3 1/2" — 17 1/2" well hole, including straight body, single-bent and double-bent construction.

## 螺杆钻具主要部件

1. 旁通阀总成
2. 马达总成
3. 万向轴总成（有花瓣式和挠轴式两种）
4. 传动轴总成
5. 导向总成（花瓣式，挠轴式，可调式）

Down-hole Motor Main Sparts:

- 1、By-pass Valve Assembly
- 2、Motor Assembly
- 3、Cardan Shaft Assembly
- 4、Transmission Shaft Assembly
- 5、Guidance Assembly (Petal Type, Adjustable Type)



5:6瓣比



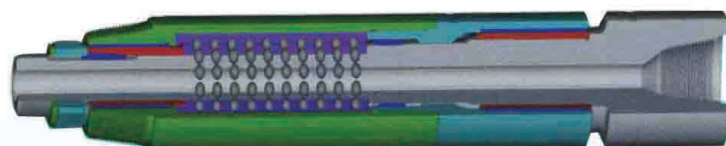
7:8瓣比



9:10瓣比

马达截面

Motor Section

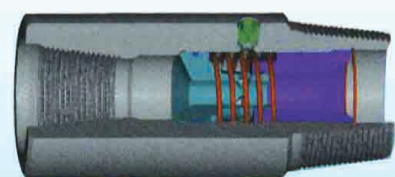


传动轴总成  
Transmission Shaft Assembly

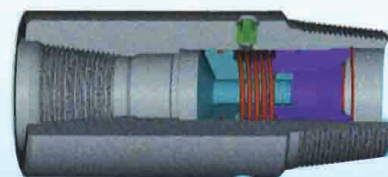


花瓣式万向轴

Petal Type Cardan Shaft



旁通阀开启状态  
By-pass Valve Open Position



旁通阀关闭状态  
By-pass Valve Shut-off Position



挠轴式万向轴

Scratch Shaft Cardan Shaft

