

## 7.4. DRILLING DAMPER UDB-203

### DESCRIPTION

The device is designed to increase the drilling tools and elements life period, improving their operation resulting from:

1. Smoothing of axial shocks in the process of tools running-in, after making tools connections, and in the event of intermittent tool feed.
2. Absorption of the axial vibration energy, if it occurs from the positive displacement motor to the bit, and from the bit to the drilling string elements.

Technical characteristics	
Outer diameter, mm	203
Length without nippel, mm	3450
Number of sections	2
Stroke till full compression, mm	150
Bore diameter, mm	70
Thread connections as per GOST R 50864-96, sleeve/nipple	3-152
Weight, kg	280

Recommended operation parameters	
Rotary speed, rpm	up to 200
Flushing fluid flow rate, L/s	up to 56
Differential pressure, MPa	0,2
Axial load, tons max.	29



**UDB-203**