

4.4. DRILLING SLIDE VALVE SCV-106

DESCRIPTION

The valve is included as a component of BHA. Designed to prevent possible gas, oil or drilling fluid entering through drilling pipes as well as to protect the PDM motors and the bit nozzles against sludging while drilling.

Technical characteristics	
Valve type	Slide-type
The body outer diameter (OD), mm (-0.38 mm)	106
Total length (L), mm (± 3 mm)	280
Valve length without nipple, mm (± 3 mm)	191
Cup diameter, mm	60
Seat hole diameter, mm	30
Thread connection as per GOST R 50864-96, (box/nipple)	3-86/3-86
Body material	40XH GOST 4543-71
Weight, kg	11

Recommended operation parameters	
Allowable closing pressure, MPa	35
Test pressure, MPa min.	70
Temperature limits	T=-30...+100° C

