

Mechanically Activated Valve for Multi-Stage Fracturing AVRORA 702

Parameters	Values
Nominal diameter OK, equipped with a coupling, mm	114
Activation method	With a tool on tubing/ GNKT
Type of coupling	Reusable
Nominal diameter of the open borehole, mm	142,9-155,6
Outer diameter, mm	136
The force of opening/closing the technological windows of the coupling with a tool, kgf	500-1000
The direction of opening the technological windows of the coupling with a tool	To the mouth
The presence of a reusable lock after opening /closing process windows	y e s
Number of technological windows, pcs	9
The total area of the passage section of technological windows, mm	8600
Sustained pressure drop, MPa	68,9
Maximum injection rate during hydraulic fracturing, m ³ /min	4,5
The mass of the proppant pumped through the technological windows of the hydraulic fracturing coupling, not less than, t	250
Opening of process holes during testing at maximum pressure with reservoir temperature, %	100
A function that excludes the opening of the hydraulic fracturing clutch during descent and closing during operation	y e s
The presence of an indication of the opening/closing of the hydraulic fracturing clutch	y e s
A function that eliminates the spontaneous opening/closing of the hydraulic fracturing clutch during repeated fracturing	y e s
Maximum operating temperature, C	120