

## Ball Valve Frac Plug for Multi-Stage Fracturing AVRORA 708

Parameters	Values		
Nominal diameter OK, equipped with a coupling, mm	102	114	140
The method of initial opening	A ball in the production of hydraulic fracturing		
Type of coupling	Reusable		
The method of reopening/ closing	With a tool on tubing/ GNKT		
Nominal diameter of the open borehole, mm	123,8	142,9-155,6	215-220
Outer diameter, mm	118	136	170
The force of opening/closing the technological windows of the coupling with a tool, kgf	500-1000		
The direction of closing the technological windows of the coupling with a tool	To score		
The presence of a reusable lock after opening /closing process windows	Yes		
Number of technological windows, pcs	6	9	8
The total area of the passage section of technological windows, mm	6300	8600	11600
Sustained pressure drop, MPa	68,9		
Maximum injection rate during hydraulic fracturing, m3/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	Yes		
The presence of an indication of the opening/ closing of the hydraulic fracturing clutch	Yes		
A function that eliminates the spontaneous opening/closing of the hydraulic fracturing clutch during repeated fracturing	Yes		
Maximum operating temperature, C	120		