Hydromechanical Cementing Liner Hanger with Rotation AVRORA 632

Parameters	Values		
Nominal diameter of the liner	102	114	114
The nominal diameter of the casing into which the packer suspension is lowered and installed	146	168	178
The wall thickness of the casing into which the device is lowered and installed, mm	7,7…9,5	7,3…10,6	8,1…10,4
The maximum outer diameter of the packer suspension, mm	123	142	152
Length of the packer suspension, mm	4665±200	4671±200	4671±200
The pressure drop between the separated zones, sustained by the suspension packer, MPa	70	70	70
Operating pressure of the anchor assembly, MPa	12±10%	12±10%	12±10%
Disconnection of the anti-rotation unit, MPa	14±10%	14±10%	14±10%
Maximum rotational torque transmitted by the packer suspension, kN*m	8		
The main method of disconnecting the landing tool	Turn to the right BEFORE CEMENTING		
The number of revolutions for disconnection, at least	15		
The maximum lapel moment during mechanical disconnection, kN *m	0,2…1,0		
Actuation pressure of the hydraulic (backup) disconnection unit, MPa	25±10%		
The value of unloading the weight of the drill string on the head of the packer suspension to activate the packer assembly, kN (tn)	147…196(15…20)		
Maximum operating temperature,℃	120		