

SIBERJAR Specification

Parameters	SJ475	SJ675	SJ675HM	SJ800HM
Max. OD, in	4 7/8	6 7/8	6 7/8	8 1/4
Internal passage diameter, in	2 3/16	2 3/4	2 3/4	2 3/4
Free movement length after hydraulic delay, in	7 1/4	7 1/2		
Total spindle movement, in	23 5/8	23 5/8	21 5/8	21 5/8
Hydraulic delay time, sec.	30...150	30...150	30...90	30...90
Upward latch clamping force, lbf (adjustable)			36,000-100,000	40,000-100,000
Max. extension force over the jar parts during hydraulic delay, lbf	70,000	172,000	160,000	200,000
Max. extension force over the jar parts, lbf	192,000	640,000	400,000	500,000
Max. torque transmitted on the jar parts, ft-lbs	10326	28765	29502	36878
Connecting threads: Top, box Bottom, pin	NC38 NC38	NC50 NC50	NC50 NC50	6 5/8 Reg (6 5/8 FH) 6 5/8 Reg (6 5/8 FH)
Make-up torque of connecting threads, ft-lbs	9588±738	19177±738	19177±738	29502±738 (36878±738)
Working temperature, °F, max.	248	248	248	248
Length in open position with a sub under elevator, in	216.5	224.4	324.8	281.5
Total length when the latch is fixed, in			267.7	267.7
Time between maintenance, hours below rotary table	500	700	500	500
Weight, lbs	705	1,504	2,028	2,921

SIBERJAR Specification (metric)

Parameters	SJ475	SJ675	SJ675HM	SJ800HM
Max. OD, mm	124	175	175	210
Internal passage diameter, mm	56	70	70	70
Free movement length after hydraulic delay, mm	185	190		
Total spindle movement, mm	600	600	550	550
Hydraulic delay time, sec.	30...150	30...150	30...90	30...90
Upward latch clamping force, ton (adjustable)			18-50	20-50
Max. extension force over the jar parts during hydraulic delay, ton	35	86	80	100
Max. extension force over the jar parts, ton	96	320	200	250
Max. torque transmitted on the jar parts, kN-m	14	39	40	50
Connecting threads: Top, box Bottom, pin	NC38 NC38	NC50 NC50	NC50 NC50	6 5/8 Reg (6 5/8 FH) 6 5/8 Reg (6 5/8 FH)
Make-up torque of connecting threads, kN-m	13±1	26±1	26±1	40±1 (50±1)
Working temperature, °C, max.	120	120	120	120
Length in open position with a sub under elevator, m	5.5	5.7	8.25	7.15
Total length when the latch is fixed, m			6.8	6.8
Time between maintenance, hours below rotary table	500	700	500	500
Weight, kg	320	682	920	1325

