

S-120 Power Swivel Specifications

Models No.		S-120	S-120 with Brakes
Assembly Part No.		84550/018	M621000048
Weight (lbs.)		2,000	2,600
Maximum Torque (ft. lbs.)		8,100	8,100
Maximum Torque (ft. lbs.)		150	150
Nominal Load Rating (tons)		120	
100 RPM Load Rating (tons)		65	
Maximum Circulating Pressure		5,000 PSI	
Radius of Torque Rein	Retracted	48-7/16-inch	
Radius of Torque Rein	Extended	48-7/16-inch	
Goose Neck Connection		3-inch – 8 Line Pipe Thread	
Standard Saver Sub Connection		3½-inch A.P.I - I.F.	
Goose Neck Access Hole Diameter		2-7/8-inch EU	
Saver Sub Make-Up Torque		8,000/10,000 ft-lbs	
Bore thru (circulation passage)		2-inch	
Elevator Bail Pipe Size		3½-inch and 4½-inch	
Gear Oil Capacity		4½ Gallons	
High Pressure Hose Size		1¼-inch	
Drain Hose Size		1-inch	
*Braking capacity (ft-lbs)		N/A	14,000

Power Unit and Controls

Hydraulic Pump – Maximum Output and Pressure	89 GPM and 5,000 P.S.I.
Hydraulic Reservoir Capacity	35 Gallons
Hydraulic Oil Type	EP Grade
Engine	Caterpillar, Cummins, John Deere
Standard Fuel Tank (Diesel Fuel)	65 Gallons

Lifting Devices

Non-upset bail; hook link adapters; hook bail		
Radius of Torque Rein with non-upset bail/hook bail:	Retracted	45-inch