

Atlas Motor Specifications



	5.13"	5.25"	5.76"	6.63"	7.12"	7.25"	8.12"	9.00"	12.00"
Top Sub	NC38 NC40 NC44 XT39	NC38 NC40 NC44 XT39	NC40 (4 FH) NC44	NC50 (4 ½ IF) NC46 (4 ½ XH)	NC50 (4 ½ IF) NC46 (4 ½ XH)	NC50 (4 ½ IF) NC46 (4 ½ XH)	6 ¾ REG Box	6 ¾ REG 7 ¾ REG	7 ¾ REG 6 ¾ REG
Motor OD	5 1/8"	5 ¼"	5 ½"	6 ¾"	7 ½"	7 ¾"	8 ½"	9"	12"
Hole Size Range	6" - 6 ¾"	6 ½" - 6 ¾"	6 ¾" - 7 ¾"	7 ¾" - 9 ¾"	8 ½" - 9 ¾"	8 ½" - 10 ¾"	9 ¾" - 12 1/4"	12 1/4" - 17 ½ "	16" - 26"
Bit to Stabilizer (in)	22.0	20.7	19.6	21.4	22.1	22.1	32.5	32.5	42.5
Bit to Bend- Fixed (in)	58.1	49.3	48.0	50.1	50.8	50.8	76.0	N/A	N/A
Bit to Bend - Adjustable (in)	64.3	N/A	N/A	60.0	N/A	N/A	83.1	83.1	108.3
Max Dynamic WOB (lbs)	52,000	58,000	76,000	79,000	66,000	66,000	127,000	190,000	293,000
Max Overpull for Re-Run Static (lbs)	151,000	180,000	235,000	240,000	267,000	267,000	391,000	693,000	1,200,000
Absolute Overpull (lbs)	345,000	425,000	445,000	650,000	620,000	745,000	892,000	1,340,000	1,780,000
Max Flow Rate (gpm)	400	400	400	700	750	750	1,000	1,200	1,800
BA Torque Capacity (lb/ft)	14,500	17,500	21,800	33,800	36,000	36,000	55,000	101,000	144,000
Fixed Bend Options	Straight 1.5 1.75 1.83 2 2.12 2.25	Straight 1.5 1.75 1.83 2 2.12 2.25	Straight 1.5 1.75 1.83 2	Straight 1.5 1.75 1.83 2 2.12 2.25 2.38	Straight 1.5 1.75 1.83 2 2.12 2.25	Straight 1.5 1.75 1.83 2	Straight 1.5 1.75 1.83 2	Straight	Straight
Adjustable Bend Options	N/A	N/A	N/A	0-3°	N/A	N/A	0-3°	0-3°	0-3°
Stabilization	True Slick Stabilizer	True Slick Integral Blade Stabilizer Stabilizer	True Slick Slick Sleeve Screw-On Stabilizer Integral Blade Stabilizer	True Slick Slick Sleeve Screw-On Stabilizer Integral Blade Stabilizer	True Slick Integral Blade Stabilizer	True Slick Slick Sleeve Screw-On Stabilizer Integral Blade Stabilizer	True Slick Slick Sleeve Screw-On Stabilizer Integral Blade Stabilizer	True Slick Slick Sleeve Screw-On Stabilizer Integral Blade Stabilizer	Slick Sleeve Screw-On Stabilizer
Bottom Connection	3 ½ REG DS38 Pin Down NC38 Box XT39 Pin Down NC35 Box As Required	3 ½ REG DS38 Pin Down NC38 Box XT39 Pin Down NC35 Box As Required	3 ½ REG NC40 Box XT39 Pin Down NC44 Pin Down As Required	4 ½ REG NC50 Pin Down As Required	4 ½ REG NC50 Pin Down As Required	4 ½ REG NC50 Pin Down As Required	6 ¾ REG Box 6 ¾ REG Pin Down As Required	6 ¾ REG Box 6 ¾ REG Pin Down 7 ¾ REG Box As Required	7 ¾ REG 6 ¾ REG

* Configurations based on availability

Revision 4.0

* When running 7.25" Atlas consult our guidelines for 8 ½ hole size