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Spira/TNT Performance Summary

Model Type	Model	Size	Lobes	Stages	Tube OD (in)	Tube ID (in)	Stator Length (in)	Compatibility				Bit Speed (rev/gal) [rev/l]	Max Off Bottom Speed (RPM)	Optimal Flow Range (GPM) [lpm]	Max Flow Limit (GPM) [lpm]	Power (HP) [kW]	Max Motor Pressure (psi) [kPa]	Max Torque Limit (ft-lb) [N-m]	Stall Torque (ft-lb) [N-m]
								Dyna-Drill	BasinTek	Weatherford	NOV (Legacy R&M)								
Spira	SPS500568.3	5.00"	5/6	8.3	5.00	3.75	242.6	x	x	x	x	1.000 [0.264]	300	100-300 [380-1140]	300 [1140]	285 [215]	2410 [16600]	6200 [8400]	8350 [11400]
Spira	SPS500563.4	5.00"	5/6	3.4	5.04	3.75	196.0					0.506 [0.134]	150	150-300 [570-1140]	350 [1330]	140 [105]	985 [6800]	6025 [8200]	8150 [11000]
Spira TNT	SPS500783.8	5.00"	7/8	3.8	5.00	3.75	187.0	x	x	x	x	0.521 [0.138]	160	150-300 [570-1140]	350 [1330]	140 [105]	1100 [7600]	5875 [8000]	7950 [10800]
Spira TNT	SPS675785.0	6.75"	7/8	5	6.89	5.50	200.0	x	x	x	x	0.288 [0.076]	170	200-600 [760-2280]	620 [2350]	360 [270]	1450 [10000]	13500 [18300]	18200 [24700]
Spira	SPS700563.9	7.00"	5/6	3.9	6.93	5.50	177.5					0.304 [0.080]	180	200-600 [760-2280]	600 [2280]	320 [240]	1130 [7800]	11400 [15400]	15400 [20900]
Spira	SPS700565.3	7.00"	5/6	5.3	6.93	5.50	235.8					0.304 [0.080]	180	200-600 [760-2280]	650 [2470]	440 [325]	1535 [10600]	15575 [21100]	21050 [28500]
Spira TNT	SPS800784.0	8.00"	7/8	4	8.00	6.25	203.2	x	x	x	x	0.166 [0.044]	150	400-900 [1520-3410]	915 [3470]	440 [330]	1160 [8000]	19250 [26100]	26000 [35200]

Performance tables are for reference only. Actual power section performance may vary depending on operating conditions (e.g. chosen rotor/stator interference fit, possible rubber swelling by drilling fluid, rotor and stator wear, actual downhole temperature, actual stator temperature, physical and chemical properties of the drilling fluid and other factors encountered downhole). The torque may exceed that specified for the connected components. Operating above the recommended limits may result in damage to the power section and connected components which will be the liability of the operator. Data subject to change without notice. Please visit www.spirasystems.com for most recent information.