



22 East Lake Crescent NE  
 Airdrie, Alberta, Canada  
 T4A 2H3  
 587-775-7777  
 sales@spirasystems.com

## Conventional Performance Summary

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 at Max (HP) [kW]	Max Motor Pressure (psi) [kPa]	Max Torque Limit (ft-lb) [N-m]	Stall Torque (ft-lb) [N-m]
							Dyna-Drill	Abaco	Weatherford	NOV (Legacy R&M)								
SPS500566.7	5.00"	5/6	6.7	5.00	4.00	250.0		x			0.630 [0.166]	240	150-375 [570-1420]	400 [1520]	225 [170]	1550 [10900]	6350 [8600]	9500 [12900]
SPS475568.3	4.75"	5/6	8.3	4.75	3.75	242.6	x	x	x	x	1.000 [0.264]	300	100-300 [380-1140]	300 [1140]	210 [155]	1950 [13400]	5000 [6800]	7550 [10200]
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]	210 [155]	1950 [13400]	5000 [6800]	7550 [10200]
SPS500678.0	5.00"	6/7	8	5.00	4.00	250.0	x	x	x	x	0.810 [0.214]	280	160-350 [610-1330]	350 [1330]	235 [175]	1900 [13000]	6000 [8100]	8950 [12200]
SPS500679.0	5.00"	6/7	9	5.00	4.00	250.0		x			0.850 [0.225]	300	150-350 [570-1330]	350 [1330]	255 [190]	2100 [14600]	6200 [8400]	9250 [12600]
SPS475783.7	4.75"	7/8	3.7	4.75	4.00	235.0	x	x	x		0.368 [0.097]	130	150-350 [570-1330]	350 [1330]	105 [80]	850 [6000]	6000 [8100]	9000 [12200]
SPS500783.7	5.00"	7/8	3.7	5.00	4.00	235.0	x	x	x		0.368 [0.097]	130	150-350 [570-1330]	350 [1330]	105 [80]	850 [6000]	6000 [8100]	9000 [12200]
SPS475783.8	4.75"	7/8	3.8	4.75	3.75	187.0	x	x	x	x	0.521 [0.138]	130	150-250 [570-950]	300 [1140]	110 [80]	900 [6200]	4650 [6300]	6950 [9400]
SPS500783.8	5.00"	7/8	3.8	5.00	3.75	187.0	x	x	x	x	0.521 [0.138]	130	150-250 [570-950]	300 [1140]	110 [80]	900 [6200]	4650 [6300]	6950 [9400]
SPS500784.5	5.00"	7/8	4.5	5.00	4.00	229.3	x	x			0.463 [0.122]	140	150-300 [570-1140]	300 [1140]	105 [80]	1050 [7300]	5500 [7400]	8200 [11200]
SPS475785.0	4.75"	7/8	5	4.75	3.88	198.0		x	x		0.630 [0.166]	190	150-300 [570-1140]	300 [1140]	100 [75]	1200 [8100]	3750 [5100]	5650 [7600]
SPS500785.0	5.00"	7/8	5	5.00	3.88	198.0		x	x		0.630 [0.166]	190	150-300 [570-1140]	300 [1140]	100 [75]	1200 [8100]	3750 [5100]	5650 [7600]
SPS500786.4	5.00"	7/8	6.4	5.00	3.88	235.0			x		0.630 [0.166]	190	150-300 [570-1140]	300 [1140]	145 [110]	1500 [10400]	5550 [7500]	8350 [11300]

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							Dyna-Drill	Abaco	Weatherford	NOV (Legacy R&M)								
SPS500896.0	5.00"	8/9	6	5.00	4.00	250.0			x		0.510 [0.135]	180	200-350 [760-1330]	350 [1330]	170 [130]	1400 [9700]	6900 [9400]	10350 [14100]
SPS475785.7	4.75"	7/8	5.7	4.75	4.00	250.0					0.522 [0.138]	190	200-370 [760-1410]	400 [1520]	185 [135]	1400 [9700]	6500 [8800]	9750 [13200]
SPS500785.7	5.00"	7/8	5.7	5.00	4.00	250.0					0.522 [0.138]	190	200-370 [760-1410]	400 [1520]	185 [135]	1400 [9700]	6500 [8800]	9750 [13200]
SPS513785.7	5.13"	7/8	5.7	5.13	4.00	250.0					0.522 [0.138]	190	200-370 [760-1410]	400 [1520]	185 [135]	1400 [9700]	6500 [8800]	9750 [13200]
SPS5137810.0	5.13"	7/8	10	5.13	4.00	250.0					0.825 [0.218]	250	100-300 [380-1140]	320 [1220]	250 [185]	2450 [17000]	7150 [9700]	10750 [14600]
SPS625784.8	6.25"	7/8	4.8	6.25	5.00	203.5	x	x	x	x	0.330 [0.087]	130	150-400 [570-1520]	500 [1900]	225 [165]	1150 [7800]	9000 [12200]	13500 [18300]
SPS650784.8	6.50"	7/8	4.8	6.50	5.00	203.5	x	x	x	x	0.330 [0.087]	130	150-400 [570-1520]	500 [1900]	225 [165]	1150 [7800]	9000 [12200]	13500 [18300]
SPS675457.0	6.75"	4/5	7	6.75	5.50	210.0	x	x	x	x	0.494 [0.131]	300	300-600 [1140-2280]	600 [2280]	360 [270]	1650 [11300]	8800 [12000]	13250 [17900]
SPS660675.0	6.60"	6/7	5	6.60	5.50	200.0	x	x	x	x	0.292 [0.077]	180	300-600 [1140-2280]	600 [2280]	235 [175]	1200 [8100]	9750 [13200]	14650 [19900]
SPS675675.0	6.75"	6/7	5	6.75	5.50	200.0	x	x	x	x	0.292 [0.077]	180	300-600 [1140-2280]	600 [2280]	235 [175]	1200 [8100]	9750 [13200]	14650 [19900]
SPS700785.0	7.00"	7/8	5	7.00	5.50	194.5	x	x	x	x	0.270 [0.071]	160	300-600 [1140-2280]	650 [2470]	265 [200]	1200 [8100]	10650 [14400]	15950 [21700]
SPS660785.0	6.60"	7/8	5	6.60	5.50	194.5	x	x	x	x	0.270 [0.071]	160	300-600 [1140-2280]	650 [2470]	265 [200]	1200 [8100]	10650 [14400]	15950 [21700]
SPS675785.0	6.75"	7/8	5	6.75	5.50	194.5	x	x	x	x	0.270 [0.071]	160	300-600 [1140-2280]	650 [2470]	265 [200]	1200 [8100]	10650 [14400]	15950 [21700]

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							Dyna-Drill	Abaco	Weatherford	NOV (Legacy R&M)								
SPS675786.0	6.75"	7/8	6	6.75	5.50	235.0	x	x	x		0.270 [0.071]	160	300-600 [1140-2280]	650 [2470]	320 [240]	1400 [9700]	12750 [17300]	19150 [26000]
SPS660785.7	6.60"	7/8	5.7	6.60	5.50	260.0	x	x	x	x	0.242 [0.064]	150	300-600 [1140-2280]	700 [2650]	355 [265]	1350 [9200]	14350 [19400]	21500 [29100]
SPS675785.7	6.75"	7/8	5.7	6.75	5.50	260.0	x	x	x	x	0.242 [0.064]	150	300-600 [1140-2280]	700 [2650]	355 [265]	1350 [9200]	14350 [19400]	21500 [29100]
SPS700785.7	7.00"	7/8	5.7	7.00	5.50	260.0	x	x	x	x	0.242 [0.064]	150	300-600 [1140-2280]	700 [2650]	355 [265]	1350 [9200]	14350 [19400]	21500 [29100]
SPS675786.4	6.75"	7/8	6.4	6.75	5.50	245.0	x	x		x	0.270 [0.071]	160	300-600 [1140-2280]	650 [2470]	340 [255]	1500 [10400]	13650 [18500]	20450 [27700]
SPS6759108.0	6.75"	9/10	8	6.75	5.50	260.0			x		0.270 [0.071]	190	400-700 [1520-2650]	700 [2650]	445 [335]	1900 [13000]	17100 [23200]	25650 [34800]
SPS700787.3	7.00"	7/8	7.3	7.00	5.75	275.0					0.266 [0.070]	200	300-750 [1140-2840]	750 [2840]	460 [340]	1800 [12400]	17500 [23700]	26250 [35600]
SPS700788.5	7.00"	7/8	8.5	7.00	5.75	300.0	x				0.260 [0.069]	200	500-750 [1900-2840]	750 [2840]	525 [395]	2000 [13800]	19550 [26500]	29300 [39700]
SPS800784.0	8.00"	7/8	4	8.00	6.25	203.2	x	x	x	x	0.155 [0.041]	140	400-900 [1520-3410]	900 [3410]	285 [215]	950 [6500]	14800 [20100]	22250 [30100]
SPS800785.9	8.00"	7/8	5.9	8.00	6.25	300.0	x	x			0.155 [0.041]	140	400-900 [1520-3410]	900 [3410]	420 [315]	1400 [9600]	21850 [29600]	32800 [44500]

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