

Bison Pumps, LLC				
Standard Deep Well Cylinder Selection Chart				
Static Water Level (feet)	Cylinder Diameter			
	1-1/2"	2"	2-1/2"	3"
30	4*	6	8	11
40	5	7	11	15
50	6	10	14	19
60	7	11	16	22
70	9	13	19	26
80	10	15	21	29
90	11	17	24	33
100	12	19	27	37
110	14	21	30	41
120	15	22	32	44
130	16	24	35	48
140	17	26	38	52
150	18	28	40	55
160	20	30	43	59
170	21	32	46	63
180	22	34	48	66
200	24	37	54	74
250	31	47	67	92
300	37	56	80	110
Output per stroke	1 1/2"	2"	2 1/2"	3"
	4 oz	8 oz	12 oz	20 oz
Strokes per Gallon	32	16	11	7
* Pounds of Pressure on Handle at Various Static Water Levels by Cylinder Size				
Green - Appropriate Cylinder size based on Static Water Level				
Yellow - Borderline appropriate Cylinder size based on Static Water Level				
Red - Static Water Level is too deep for this Cylinder size				

SWL + 20'	# of Sections Pipe
8	1
16	2
24	3
32	4
40	5
48	6
56	7
64	8
72	9
80	10
88	11
96	12
104	13
112	14
120	15
128	16
136	17
144	18
152	19
160	20
168	21
176	22
184	23
192	24
200	25
208	26
216	27
224	28
232	29