



Bison Pumps

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Bison Pumps® SPEC Sheet – Deep Well Hand Pump Cylinders

PRODUCT DESCRIPTION

The Bison Deep Well Pump Cylinders are used in all deep well applications.

MODELS



Standard
 1 1/2", 2", 2 1/2" or 3" available



Inline
 2" for lower gpm electric pumps
 2 1/2" for 10 gpm or more electric pumps

WEIGHT OF WATER

Static Water Level	Pounds Pressure on Handle on Various Cylinder Sizes			
	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

PRODUCT COMPOSITION

- Cylinder body is 304 stainless steel
- Internal parts are non-corrosive materials; neoprene and buna rubbers, acetal plastic, bronze, and nylon

OUTPUT

- 3" – 20 oz. per stroke
- 2 1/2" – 12 oz. per stroke
- 2" – 8 oz. per stroke
- 1 1/2" – 4 oz. per stroke