

## Technical Data for Hibar Pump Range 2017

Drive Size	Pump Size	Piston Diameter (inches)	Max Stroke (inches)	Maximum Displ ( ml)	Displ per 0.001" (in microlitres)	Drive Diameter (inches)	Power Ratio : 1	Stall Pressure in bar at 5.5bar
1B	1S	0.079(2mm)	0.25	0.02	0.08µl	1.375	302.88	1666.00
1B	2S	0.125	0.25	0.05	0.210µl	1.375	121.00	667.50
1B	3S	0.187	0.25	0.113	0.450µl	1.375	54.07	298.30
1B	3	0.187	0.5	0.225	0.450µl	1.375	54.07	298.30
1B	4	0.25	0.5	0.402	0.804µl	1.375	30.25	166.40
1B	5	0.312	0.5	0.626	1.253µl	1.375	19.42	106.80
1B	6	0.375	0.5	0.905	1.809µl	1.375	13.44	73.90
1B	7	0.437	0.5	1.229	2.458µl	1.375	9.90	54.60
1B	10	0.625	0.5	2.514	5.027µl	1.375	4.84	26.60
2B	10R	0.625	1	5.027	5.027µl	1.625	6.67	37.20
2B	12	0.75	1	7.24	7.240µl	1.625	4.69	25.80
2B/2BFC	14	0.875	1	9.854	9.854µl	1.625	3.45	19.00
2B/2BFC	17	1.062	1	14.516	14.516µl	1.625	2.34	12.90
2B/2BFC	20	1.25	1	20.11	20.110µl	1.625	1.69	9.30
2BFC	30	1.25	1.5	30.165	20.110µl	1.625	1.69	9.30
2BFC	40	1.25	2	40.22	20.110µl	1.625	1.69	9.30
4H1	5	0.625	1	5.027	5.029µl	2.625	17.62	97.10
4H1	10	0.875	1	9.854	9.854µl	2.625	8.16	44.88
4H1	30	1.625	1	33.986	33.986µl	2.625	2.30	12.65
4H1	60	2.125	1	58.118	58.118µl	2.625	1.38	7.60
4H2	10	0.625	2	10.058	5.029µl	2.625	17.62	97.10
4H2	20	0.875	2	19.708	9.854µl	2.625	8.16	44.88
4H2	65	1.625	2	67.972	33.986µl	2.625	2.30	12.65
4H2	110	2.125	2	116.236	58.118µl	2.625	1.38	7.60
4H2	15	0.625	3	15.087	5.029µl	2.625	17.62	97.10
4H2	30	0.875	3	29.562	9.854µl	2.625	8.16	44.88
4H2	100	1.625	3	101.958	33.986µl	2.625	2.30	12.65
4H2	174	2.125	3	174.354	58.118µl	2.625	1.38	7.60
5H3	100	1.625	3	101.9	34µl	5	9.50	52.25
5H3	290	2.75	3	291	97µl	5	3.30	18.15
5H3	500	3.75	3	542	180µl	5	1.80	9.90
5H3	1000	5.125	3	1014	338µl	5	0.95	5.23
5H6	2000	5.125	6	2028	338µl	5	0.95	5.23