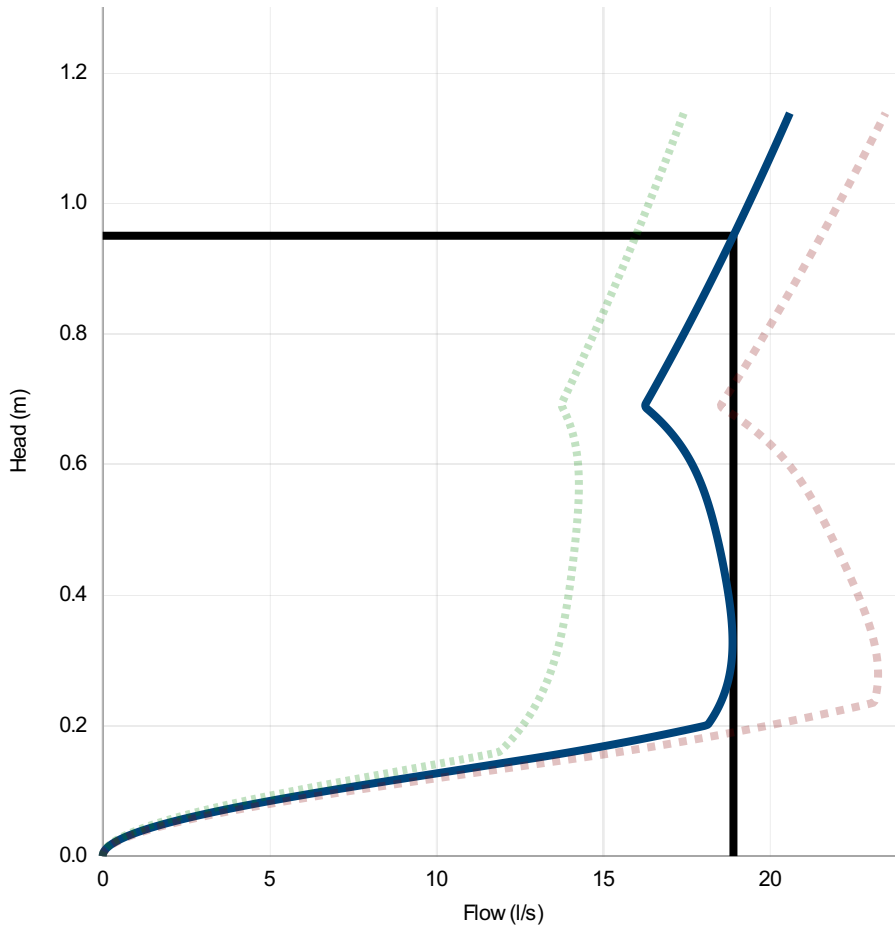


Technical Specification

Control Point	Original Setting		Minimum Setting		Maximum Setting	
	Head (m)	Flow (l/s)	Head (m)	Flow (l/s)	Head (m)	Flow (l/s)
Primary Design	0.950	18.900	0.950	15.976	0.950	21.533
Flush-Flo™	0.327	18.873	0.568	14.269	0.278	23.234
Kick-Flo®	0.688	16.216	0.690	13.721	0.688	18.484
Mean Flow		15.836		12.524		18.495



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Head (m)	Flow (l/s)
0.000	0.000
0.033	0.840
0.066	3.147
0.098	6.543
0.131	10.548
0.164	14.527
0.197	17.778
0.229	18.464
0.262	18.709
0.295	18.836
0.328	18.873
0.360	18.844
0.393	18.770
0.426	18.666
0.459	18.541
0.491	18.399
0.524	18.233
0.557	18.030
0.590	17.765
0.622	17.406
0.655	16.913
0.688	16.263
0.721	16.577
0.753	16.930
0.786	17.275
0.819	17.612
0.852	17.943
0.884	18.267
0.917	18.585
0.950	18.897

DESIGN ADVICE

The head/flow characteristics of this SHE-0194-1890-0950-1890 Hydro-Brake® Optimum Flow Control are unique. Dynamic hydraulic modelling evaluates the full head/flow characteristic curve.



The use of any other flow control will invalidate any design based on this data and could constitute a flood risk.



DATE	27/03/2025 13:32
Site	Royston WMC
DESIGNER	Shaun Tonge
Ref	

SHE-0194-1890-0950-1890
Hydro-Brake® Optimum