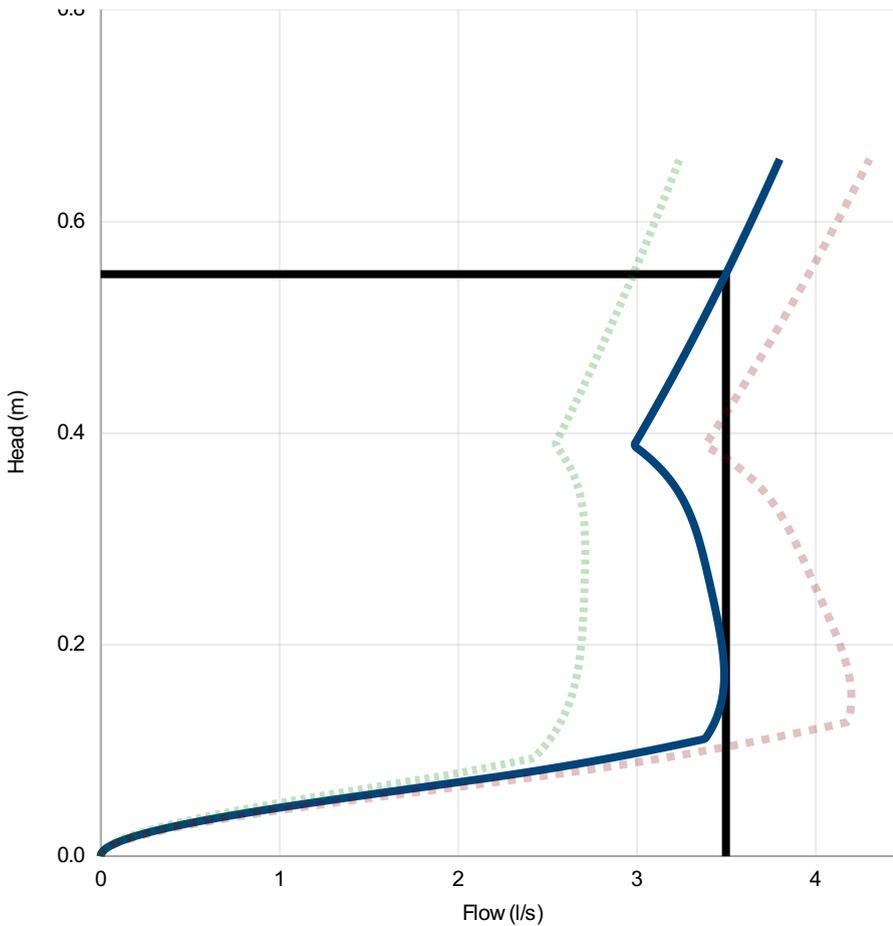


Technical Specification

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	0.550	3.500	0.550	2.981	0.550	3.963
Flush-Flo™	0.172	3.490	0.288	2.712	0.150	4.202
Kick-Flo®	0.388	2.982	0.388	2.541	0.388	3.381
Mean Flow		2.957		2.410		3.409



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Head (m)	Flow (l/s)
0.000	0.000
0.019	0.193
0.038	0.711
0.057	1.445
0.076	2.247
0.095	2.917
0.114	3.395
0.133	3.452
0.152	3.481
0.171	3.490
0.190	3.484
0.209	3.469
0.228	3.448
0.247	3.424
0.266	3.399
0.284	3.372
0.303	3.341
0.322	3.300
0.341	3.245
0.360	3.165
0.379	3.050
0.398	3.019
0.417	3.084
0.436	3.147
0.455	3.209
0.474	3.269
0.493	3.328
0.512	3.386
0.531	3.443
0.550	3.499

DESIGN ADVICE

The head/flow characteristics of this SHE-0095-3500-0550-3500 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	04/08/2025 10:55
Site	Athersley South
DESIGNER	Shaun Tonge
Ref	

SHE-0095-3500-0550-3500
Hydro-Brake® Optimum