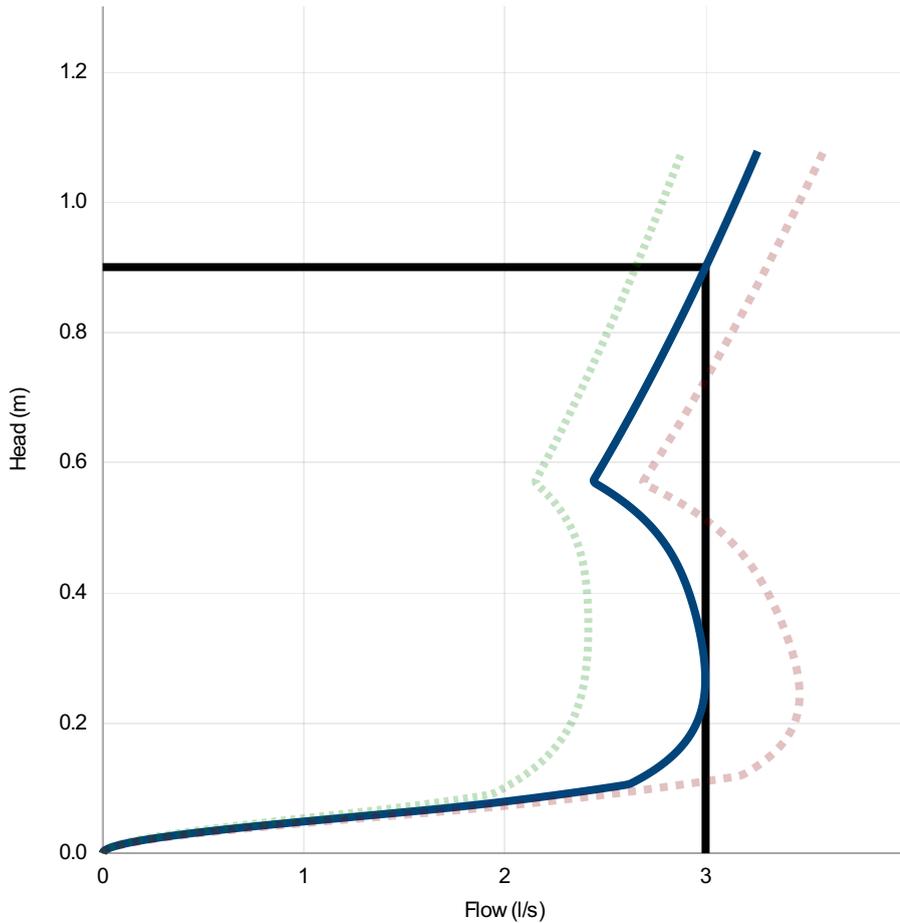


## Technical Specification

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	0.900	3.000	0.900	2.652	0.900	3.304
Flush-Flo™	0.267	2.998	0.349	2.416	0.244	3.467
Kick-Flo®	0.570	2.436	0.569	2.148	0.568	2.682
Mean Flow		2.618		2.207		2.944



[hydro-int.com/patents](http://hydro-int.com/patents)



Head (m)	Flow (l/s)
0.000	0.000
0.031	0.450
0.062	1.463
0.093	2.343
0.124	2.726
0.155	2.854
0.186	2.932
0.217	2.976
0.248	2.995
0.279	2.997
0.310	2.987
0.341	2.969
0.372	2.945
0.403	2.914
0.434	2.873
0.466	2.818
0.497	2.743
0.528	2.640
0.559	2.501
0.590	2.474
0.621	2.533
0.652	2.589
0.683	2.645
0.714	2.699
0.745	2.752
0.776	2.803
0.807	2.854
0.838	2.903
0.869	2.952
0.900	3.000

### DESIGN ADVICE

The head/flow characteristics of this SHE-0084-3000-0900-3000 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	25/09/2025 15:10
Site	Cresswell
DESIGNER	Shaun Tonge
Ref	

SHE-0084-3000-0900-3000  
Hydro-Brake® Optimum