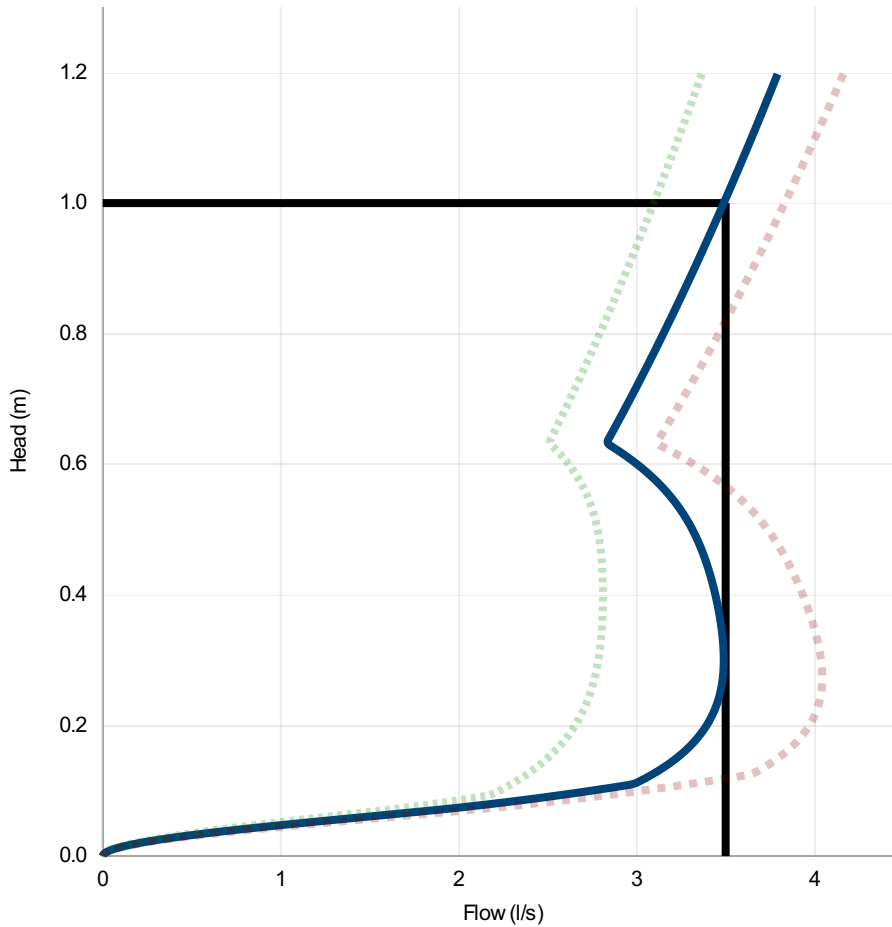


Technical Specification

	Original Setting		Minimum Setting		Maximum Setting	
Control Point	Head (m)	Flow (l/s)	Head (m)	Flow (l/s)	Head (m)	Flow (l/s)
Primary Design	1.000	3.500	1.000	3.096	1.000	3.832
Flush-Flo™	0.300	3.489	0.400	2.811	0.274	4.043
Kick-Flo®	0.632	2.828	0.632	2.506	0.631	3.108
Mean Flow		3.052		2.574		3.434



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Head (m)	Flow (l/s)
0.000	0.000
0.034	0.568
0.069	1.813
0.103	2.825
0.138	3.163
0.172	3.314
0.207	3.408
0.241	3.461
0.276	3.485
0.310	3.489
0.345	3.478
0.379	3.458
0.414	3.430
0.448	3.393
0.483	3.344
0.517	3.278
0.552	3.187
0.586	3.063
0.621	2.898
0.655	2.875
0.690	2.943
0.724	3.010
0.759	3.074
0.793	3.137
0.828	3.199
0.862	3.259
0.897	3.319
0.931	3.377
0.966	3.433
1.000	3.489

DESIGN ADVICE



The head/flow characteristics of this SHE-0089-3500-1000-3500 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.

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DATE 17/05/2024 16:43

Site Wards End Farm

DESIGNER Andrew Mulligan

Ref 13430

SHE-0089-3500-1000-3500

Hydro-Brake® Optimum