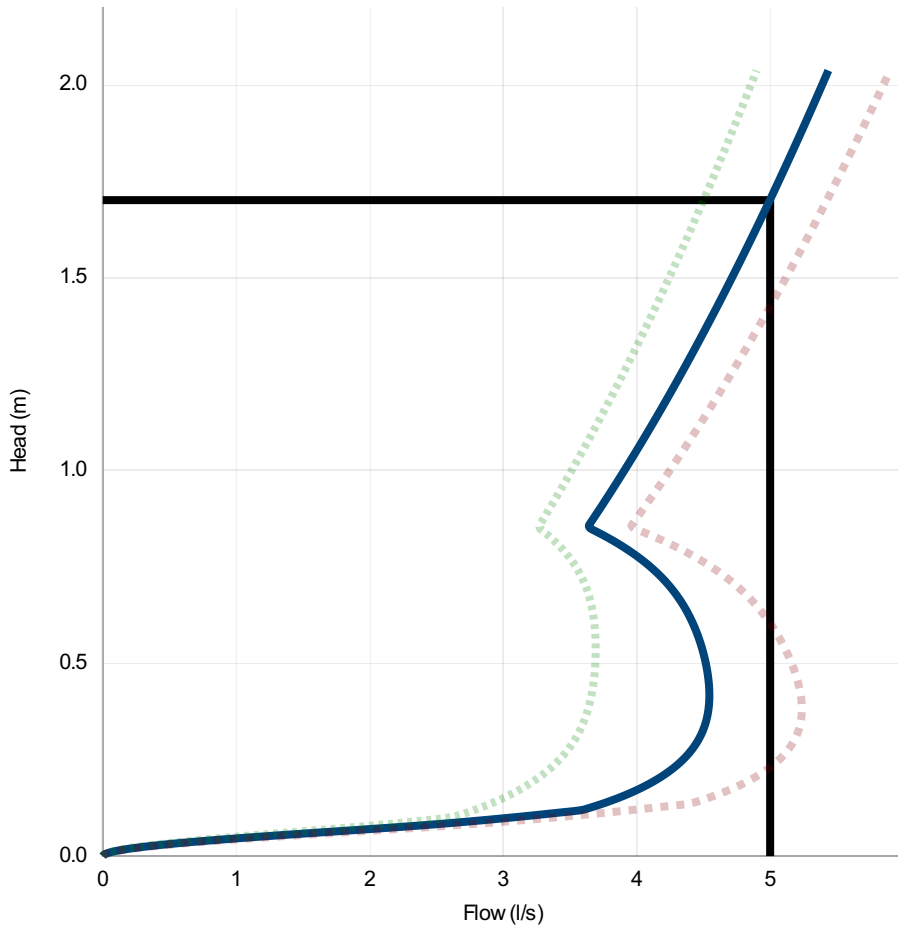


Technical Specification

	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	1.700	5.000	1.700	4.501	1.700	5.425
Flush-Flo™	0.417	4.545	0.537	3.693	0.381	5.238
Kick-Flo®	0.851	3.630	0.851	3.260	0.852	3.950
Mean Flow		4.139		3.570		4.599



hydro-int.com/patents



Head (m)	Flow (l/s)
0.000	0.000
0.059	1.514
0.117	3.545
0.176	4.029
0.234	4.298
0.293	4.448
0.352	4.522
0.410	4.544
0.469	4.533
0.528	4.499
0.586	4.442
0.645	4.359
0.703	4.237
0.762	4.060
0.821	3.807
0.879	3.684
0.938	3.795
0.997	3.903
1.055	4.007
1.114	4.108
1.172	4.207
1.231	4.303
1.290	4.396
1.348	4.488
1.407	4.577
1.466	4.665
1.524	4.750
1.583	4.834
1.641	4.917
1.700	4.998

DESIGN ADVICE



The head/flow characteristics of this SHE-0095-5000-1700-5000 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.

Hydro
International
A CRH COMPANY

DATE 16/03/2026 14:47

Site Apollo

DESIGNER Javier Gonzalez

Ref 33585

SHE-0095-5000-1700-5000

Hydro-Brake® Optimum