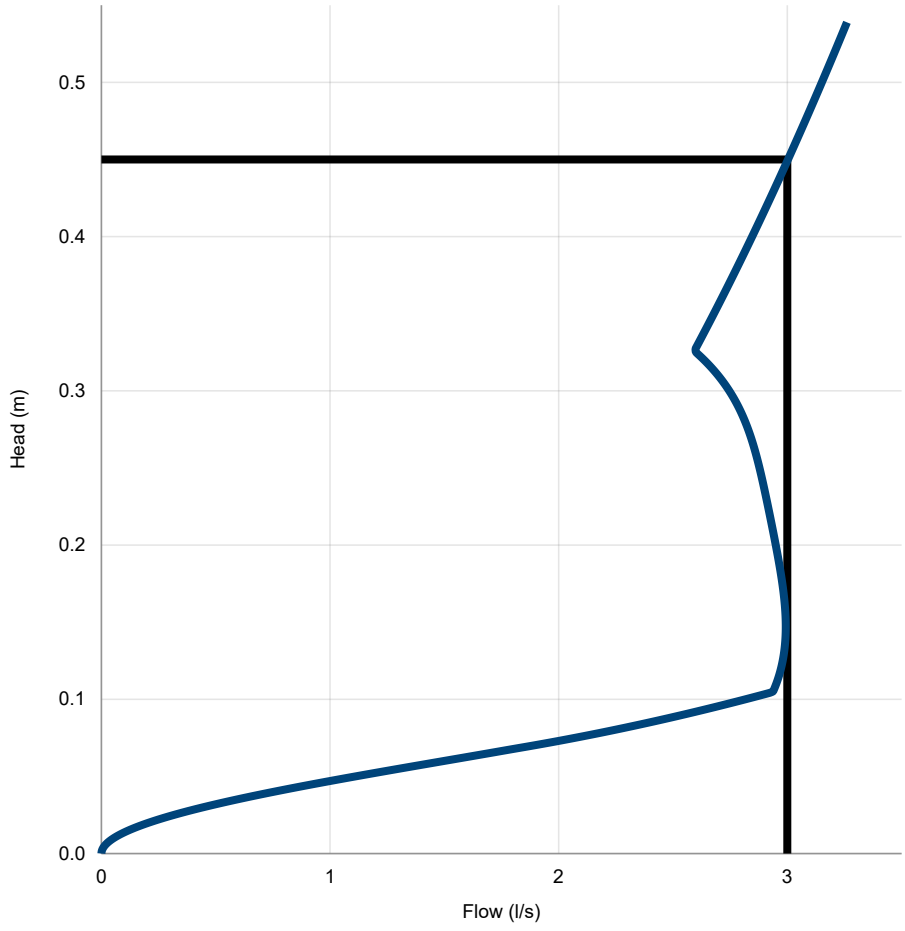
Technical Specification		
Control Point	Head (m)	Flow (l/s)
Primary Design	0.450	3.000
Flush-Flo™	0.147	2.993
Kick-Flo®	0.325	2.592
Mean Flow		2.498

BBA APPROVAL INSPECTION TESTING CERTIFICATION
CERTIFICATE No 08/4596

wrc approved
PT/503/0422
Valid: 01/04/2022 - 31/03/2027

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Head (m)	Flow (l/s)
0.000	0.000
0.016	0.126
0.031	0.473
0.047	0.982
0.062	1.578
0.078	2.159
0.093	2.631
0.109	2.948
0.124	2.979
0.140	2.992
0.155	2.992
0.171	2.982
0.186	2.966
0.202	2.947
0.217	2.926
0.233	2.905
0.248	2.881
0.264	2.854
0.279	2.818
0.295	2.767
0.310	2.695
0.326	2.599
0.341	2.649
0.357	2.702
0.372	2.755
0.388	2.807
0.403	2.857
0.419	2.907
0.434	2.955
0.450	3.003

DESIGN ADVICE

The head/flow characteristics of this SHE-0090-3000-0450-3000 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.**

Hydro International
A CRH COMPANY

DATE	26/10/2026 13:34
Site	
DESIGNER	Shaun Tonge
Ref	

SHE-0090-3000-0450-3000

Hydro-Brake® Optimum

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