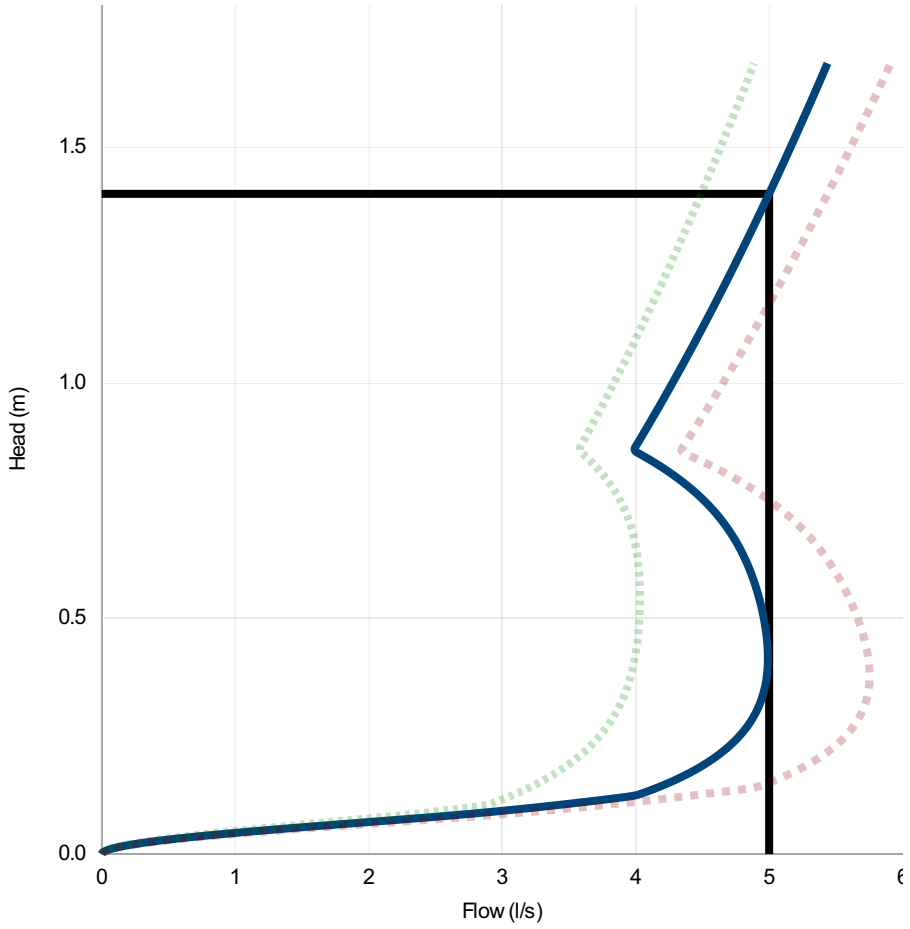
## Technical Specification

| | 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 | 1.400 | 5.000 | 1.400 | 4.491 | 1.400 | 5.438 |
| Flush-Flo™ | 0.416 | 4.991 | 0.544 | 4.032 | 0.378 | 5.752 |
| Kick-Flo® | 0.855 | 3.980 | 0.855 | 3.570 | 0.853 | 4.330 |
| Mean Flow | | 4.382 | | 3.723 | | 4.898 |

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 |
| 0.048 | 1.130 |
| 0.097 | 3.168 |
| 0.145 | 4.196 |
| 0.193 | 4.532 |
| 0.241 | 4.747 |
| 0.290 | 4.880 |
| 0.338 | 4.954 |
| 0.386 | 4.986 |
| 0.434 | 4.989 |
| 0.483 | 4.971 |
| 0.531 | 4.936 |
| 0.579 | 4.885 |
| 0.628 | 4.817 |
| 0.676 | 4.723 |
| 0.724 | 4.597 |
| 0.772 | 4.424 |
| 0.821 | 4.194 |
| 0.869 | 4.010 |
| 0.917 | 4.111 |
| 0.966 | 4.209 |
| 1.014 | 4.305 |
| 1.062 | 4.399 |
| 1.110 | 4.490 |
| 1.159 | 4.579 |
| 1.207 | 4.667 |
| 1.255 | 4.752 |
| 1.303 | 4.836 |
| 1.352 | 4.918 |
| 1.400 | 4.999 |

DESIGN ADVICE

The head/flow characteristics of this SHE-0100-5000-1400-5000 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 | 14/04/2026 08:23 |
| Site | Burnage Cricket Club |
| DESIGNER | Charlotte Richards |
| Ref | J8929 |

SHE-0100-5000-1400-5000

Hydro-Brake® Optimum

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