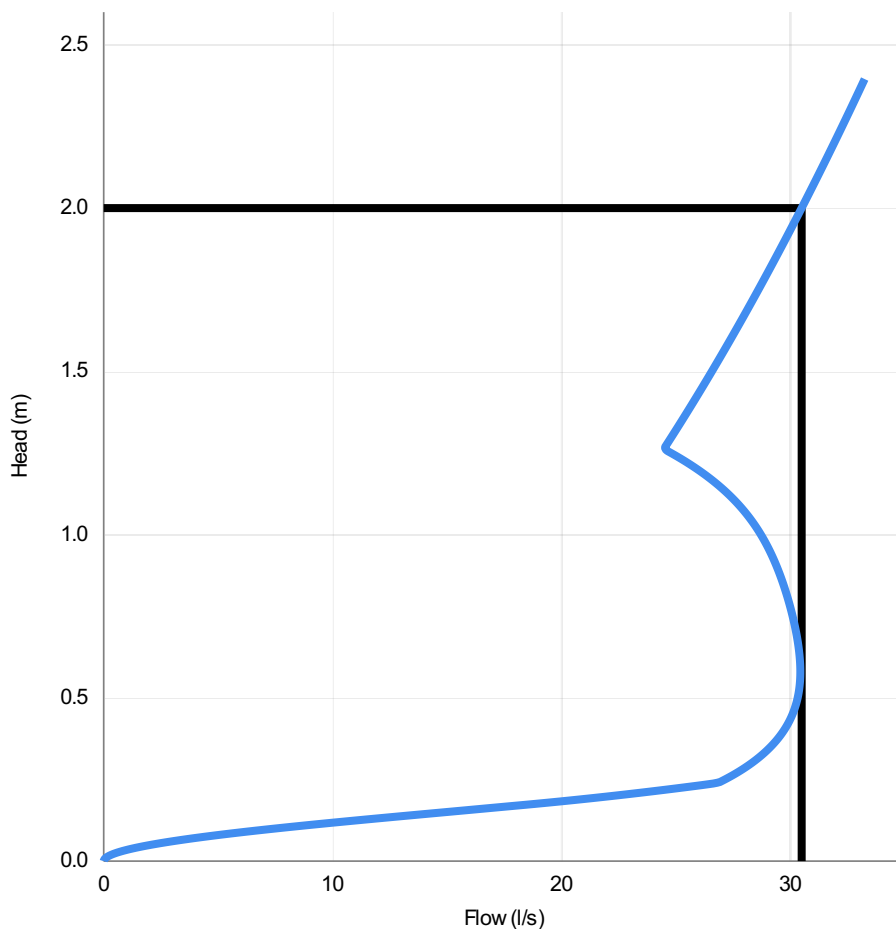


## Technical Specification

| Control Point  | Head (m) | Flow (l/s) |
|----------------|----------|------------|
| Primary Design | 2.000    | 30.500     |
| Flush-Flo      | 0.579    | 30.442     |
| Kick-Flo®      | 1.261    | 24.461     |
| Mean Flow      |          | 26.394     |



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



| Head (m) | Flow (l/s) |
|----------|------------|
| 0.000    | 0.000      |
| 0.069    | 3.801      |
| 0.138    | 13.055     |
| 0.207    | 23.139     |
| 0.276    | 27.794     |
| 0.345    | 29.069     |
| 0.414    | 29.844     |
| 0.483    | 30.263     |
| 0.552    | 30.428     |
| 0.621    | 30.418     |
| 0.690    | 30.287     |
| 0.759    | 30.074     |
| 0.828    | 29.794     |
| 0.897    | 29.443     |
| 0.966    | 28.993     |
| 1.034    | 28.397     |
| 1.103    | 27.588     |
| 1.172    | 26.486     |
| 1.241    | 25.006     |
| 1.310    | 24.916     |
| 1.379    | 25.533     |
| 1.448    | 26.135     |
| 1.517    | 26.722     |
| 1.586    | 27.295     |
| 1.655    | 27.856     |
| 1.724    | 28.405     |
| 1.793    | 28.943     |
| 1.862    | 29.471     |
| 1.931    | 29.989     |
| 2.000    | 30.497     |

### DESIGN ADVICE



The head/flow characteristics of this SHE-0224-3050-2000-3050 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 06/10/2023 13:50

Site Lickers Lane

DESIGNER Joseph Poole

Ref S20

SHE-0224-3050-2000-3050

Hydro-Brake Optimum®