

## Technical Specification

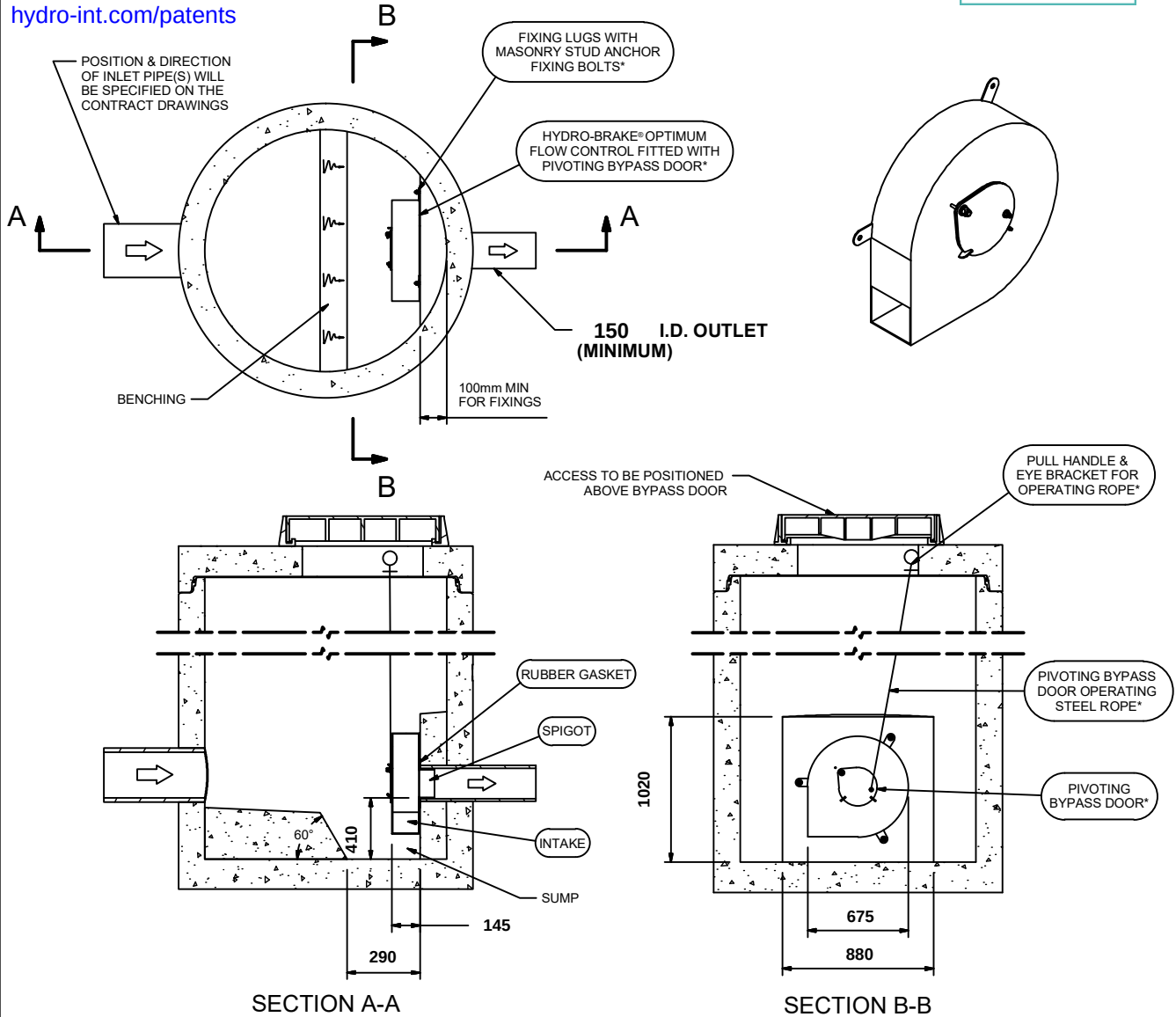
| Control Point  | Head (m) | Flow (l/s) |
|----------------|----------|------------|
| Primary Design | 1.400    | 9.400      |
| Flush-Flo™     | 0.410    | 9.398      |
| Kick-Flo®      | 0.876    | 7.539      |
| Mean Flow      |          | 8.181      |

Hydro-Brake® Optimum Flow Control including:

- 3 mm grade 304L stainless steel
- Integral stainless steel pivoting by-pass door allowing clear line of sight through to outlet, c/w stainless steel operating rope
- Beed blasted finish to maximise corrosion resistance
- Stainless steel fixings
- Rubber gasket to seal outlet
- Indicative Weight: 20 kg



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



**IMPORTANT:**

○ LIMIT OF HYDRO INTERNATIONAL SUPPLY

THE DEVICE WILL BE HANDED TO SUIT SITE CONDITIONS  
FOR SITE SPECIFIC DETAILS AND MINIMUM CHAMBER SIZE REFER TO HYDRO INTERNATIONAL  
ALL CIVIL AND INSTALLATION WORK BY OTHERS

\* WHERE SUPPLIED

HYDRO-BRAKE® FLOW CONTROL & HYDRO-BRAKE® OPTIMUM FLOW CONTROL ARE REGISTERED TRADEMARKS FOR FLOW CONTROLS DESIGNED AND MANUFACTURED EXCLUSIVELY BY HYDRO INTERNATIONAL

**THIS DESIGN LAYOUT IS FOR ILLUSTRATIVE PURPOSES ONLY. NOT TO SCALE.**

**DESIGN  
ADVICE**



The head/flow characteristics of this SHE-0136-9400-1400-9400 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 14/12/2023 08:18

SITE Higham On The Hill

DESIGNER Glyn Evans

REF 23031

SHE-0136-9400-1400-9400

Hydro-Brake® Optimum

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Hydro International Ltd • Unit 2, Rivermead Court • Kenn Business Park • Windmill Road • Kenn • Clevedon • BS21 6FT • Tel: 01275 878371 • [www.hydro-int.com](http://www.hydro-int.com) • Email: [Enquiries@hydro-int.com](mailto:Enquiries@hydro-int.com)

[glyn.evans@travisbaker.co.uk](mailto:glyn.evans@travisbaker.co.uk)