

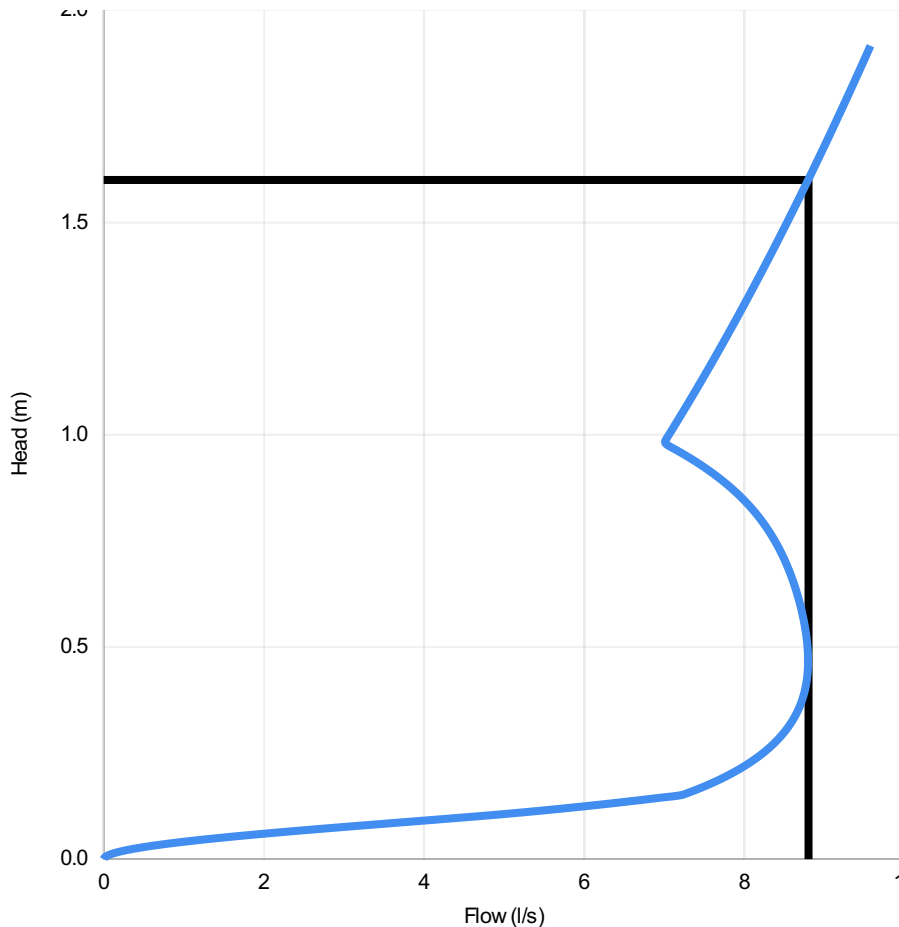
Technical Specification

Control Point	Head (m)	Flow (l/s)
Primary Design	1.600	8.800
Flush-Flo	0.466	8.794
Kick-Flo®	0.979	6.987
Mean Flow		7.690



PT/329/0412

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Head (m)	Flow (l/s)
0.000	0.000
0.055	1.729
0.110	5.246
0.166	7.425
0.221	8.013
0.276	8.387
0.331	8.614
0.386	8.739
0.441	8.789
0.497	8.788
0.552	8.751
0.607	8.685
0.662	8.593
0.717	8.470
0.772	8.306
0.828	8.084
0.883	7.782
0.938	7.379
0.993	7.035
1.048	7.215
1.103	7.389
1.159	7.560
1.214	7.726
1.269	7.889
1.324	8.047
1.379	8.203
1.434	8.355
1.490	8.504
1.545	8.651
1.600	8.795

DESIGN ADVICE



The head/flow characteristics of this SHE-0128-8800-1600-8800 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

DATE	01/03/2023 09:46
Site	Former Compton Mill
DESIGNER	Matthew Wilson
Ref	NW151/01 S1.8 / 23_21_1434

SHE-0128-8800-1600-8800
Hydro-Brake Optimum®

Technical Specification

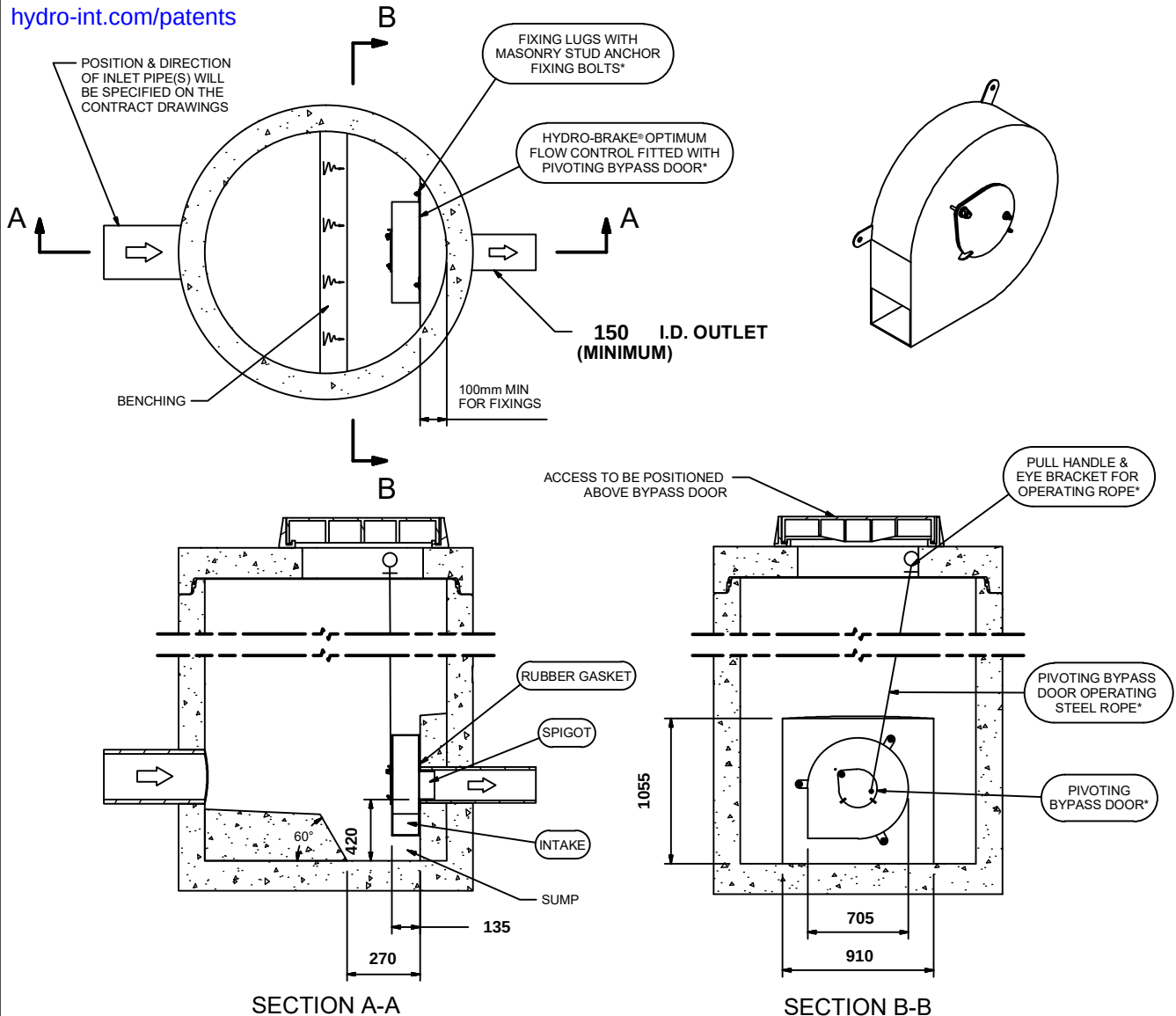
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Hydro-Brake® Optimum Flow Control including:

- 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: 27 kg



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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**



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