

SALES QUOTE



Quote No: HQT-197674

Quote Date: 25/09/2025

Sell To: Kevin Thornton

Site Address:

Burdens Manchester

2 Ridings Street,

Newton Heath

MANCHESTER

M40 2BR

Didsbury

M20 3YA

Account No: CUS-000811

Hydro Ref: 25_21_0586 The Rossett, Palatine Road, Didsbury

Item No	Description	Quantity	Unit Price	Amount
PQT1410.SHE	Manhole ref: 31842 Hydro-Brake®Optimum Type HBO-SHE Product Code: SHE-0093-5000-1900-5000 Design Objective: Minimise upstream storage Design Flow = 5l/s; Design Head = 1.9m Design Flow Adjustment Range = 18.5% BBA Approved (08/4596 Product Sheet 1) WRc Approved (PT/329/0412) 3 mm thick Stainless Steel Grade 304L Designed to suit a minimum 150 mm outlet pipe and a minimum 1200 mm chamber Complete with: Lugs; Adjustable Inlet and Pivoting Bypass Door Designed in accordance with drawing ref: *as per Hydro International spec sheet*. Please note: The above Hydro-Brake Optimum Flow Control is specified on the drainage design drawing and the head/flow characteristics of this SHE-0093-5000-1900-5000 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. Alternative units from a different manufacturer are not the same. Please contact Hydro International if you require any further clarification.	1.00	2,891.57	2,891.57

You can see our terms and conditions of sale on our website at <https://www.hydro-int.com/UK-TC01>

Hydro International (UK) Ltd, Unit 2, Rivermead Court,
Kenn Business Park, Windmill Road, Kenn, Clevedon, BS21 6FT
Tel: +44 (0)1275 878371 Web: [hydro-int.com](https://www.hydro-int.com)

Turning Water Around...®

Registered in England No. 1474012, Registered office: as above.

TOTAL GBP Excl. VAT 2,891.57

Product design, fabrication, standard installation details and delivery to UK mainland site or port included.

Delivery via specialist vehicle (Hiab, FORS, Crossrail etc.) not included, rates available on request.

Off-loading (unless specified) and equipment installation at site excluded.

Prices valid for 30 days from issue, standard payment terms 100% due with order unless alternative credit terms have been agreed in writing.

Flow control lead time 2 to 3 working weeks (unless stated otherwise) from receipt of approved drawings and checklists.

Lead time for all other products is longer and commences from receipt and acknowledgement of approved drawings and checklists.

Exact lead time should be confirmed before ordering.

Product warranty - one year from date of purchase, only considered for those defects or faults reported in writing.

Technical Specification

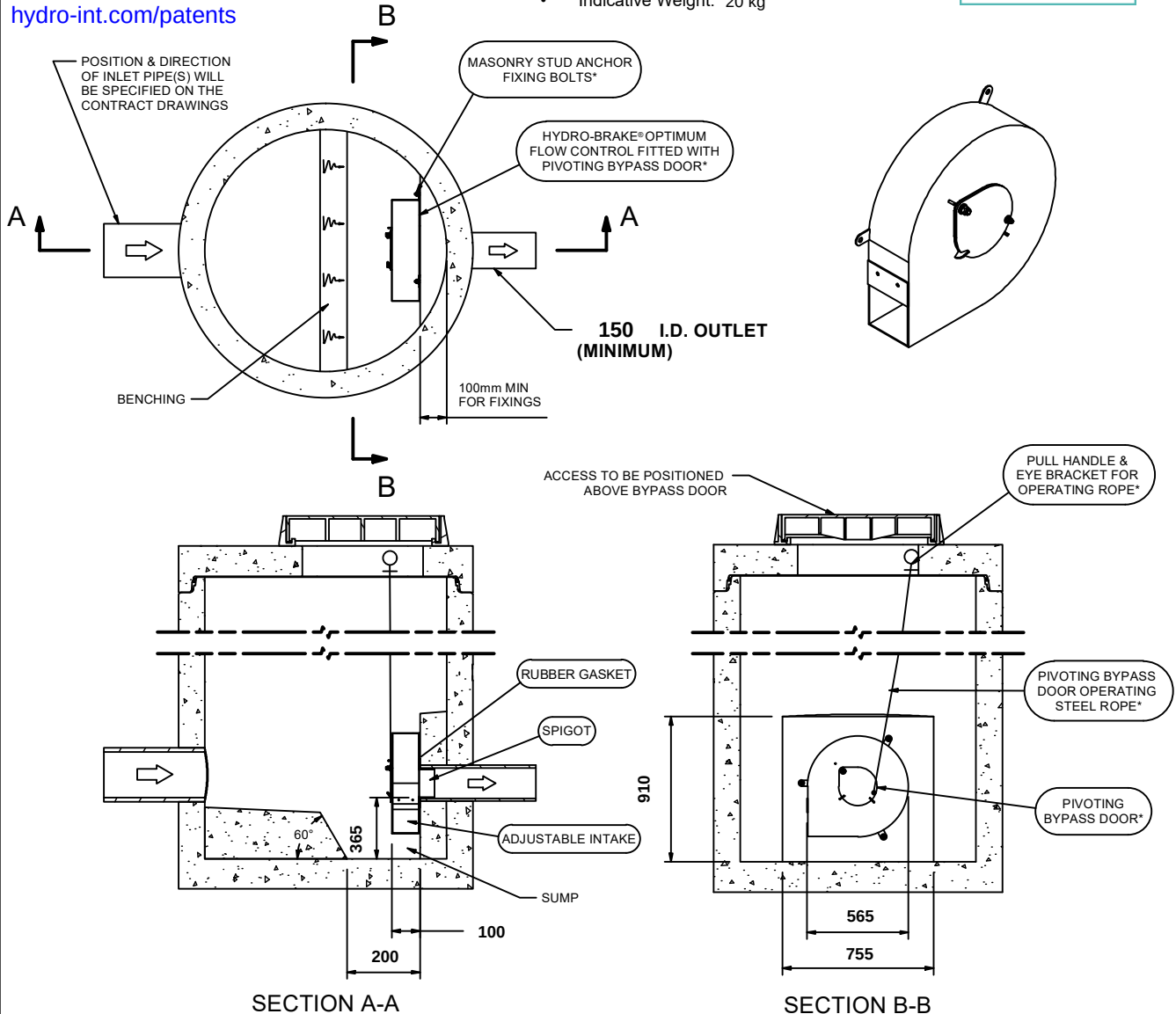
Control Point	Head (m)	Flow (l/s)
Primary Design	1.900	5.000
Flush-Flo™	0.407	4.281
Kick-Flo®	0.832	3.420
Mean Flow		4.021

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
- Variable flow rate post installation via adjustable inlet
- Indicative Weight: 20 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



The head/flow characteristics of this SHE-0093-5000-1900-5000 Hydro-Brake® Optimum Flow Control are unique. Dynamic hydraulic modelling evaluates the full head/flow characteristic curve.
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**Hydro
International**
 A CRH COMPANY

DATE	28/01/2025 12:24
SITE	25_21_0586 The Rossett, Palatine Road, Didsbury
DESIGNER	
REF	HQT-181877 31842

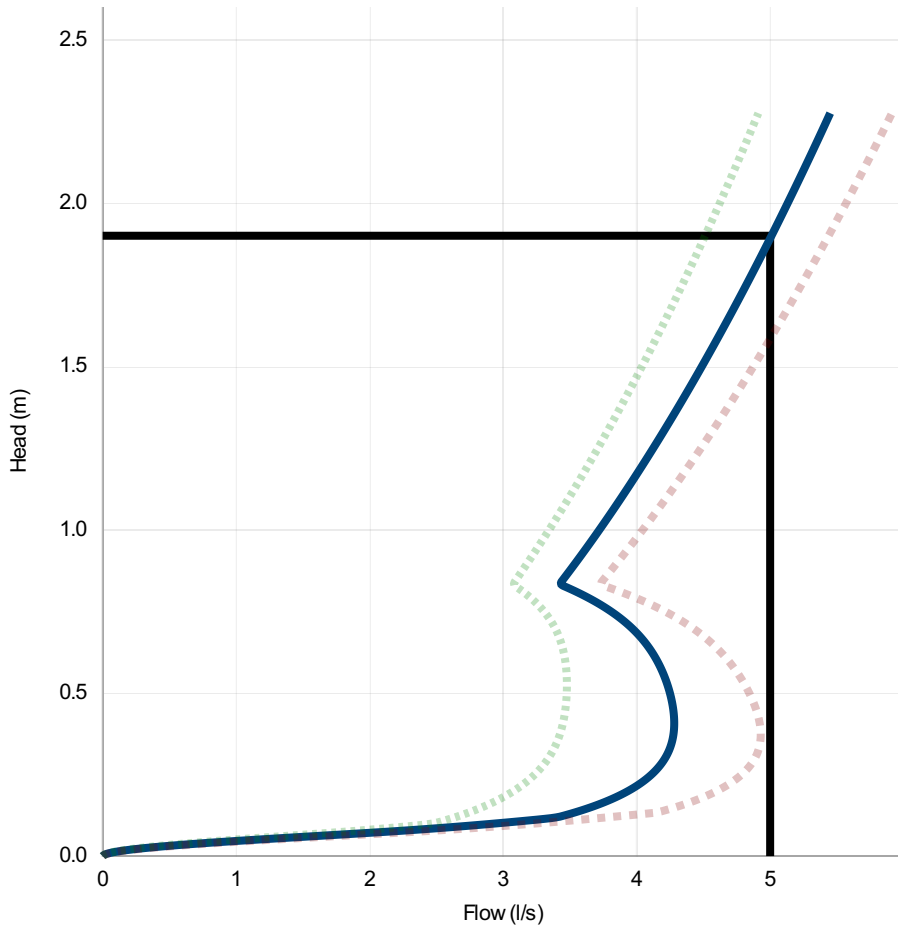
SHE-0093-5000-1900-5000
 Hydro-Brake® Optimum

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	1.900	5.000	1.900	4.513	1.900	5.438
Flush-Flo™	0.407	4.281	0.524	3.478	0.371	4.930
Kick-Flo®	0.832	3.420	0.831	3.070	0.831	3.720
Mean Flow		4.021		3.490		4.450



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Head (m)	Flow (l/s)
0.000	0.000
0.066	1.762
0.131	3.515
0.197	3.923
0.262	4.142
0.328	4.246
0.393	4.280
0.459	4.271
0.524	4.231
0.590	4.164
0.655	4.061
0.721	3.902
0.786	3.660
0.852	3.457
0.917	3.577
0.983	3.692
1.048	3.804
1.114	3.911
1.179	4.016
1.245	4.117
1.310	4.216
1.376	4.313
1.441	4.406
1.507	4.498
1.572	4.588
1.638	4.676
1.703	4.762
1.769	4.846
1.834	4.929
1.900	5.010

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