

SALES QUOTE



Quote No: HQT-158993

Quote Date: 08/03/2024

Sell To: Seymour Hammett

Cadsquare Midlands Ltd

Cadsquare Midlands Ltd

Office 28, Greenbox, Weston Hall
Road, Stoke Prior

Bromsgrove

B60 4AL

Site Address: Rugby Road

Burbage

HINCKLEY

LE10 2ND

Account No: CON-011537

Hydro Ref: 24_21_1506 Rugby Road, Burbage

Item No	Description	Quantity	Unit Price	Amount
PQT1410.SHE	Hydro-Brake®Optimum Type HBO-SHE Product Code: SHE-0053-1000-0550-1000 Design Objective: Minimise upstream storage Design Flow = 1l/s; Design Head = 0.55m BBA Approved (08/4596 Product Sheet 1) WRc Approved (PT/329/0412) 3 mm thick Stainless Steel Grade 304L Designed to suit a minimum 75 mm outlet pipe and a minimum 1200 mm chamber Complete with: Lugs; Fixed Inlet and Pivoting Bypass Door	1.00	1,990.11	1,990.11

TOTAL GBP Excl. VAT **1,990.11**

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 should be confirmed before ordering.

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

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

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.

Technical Specification

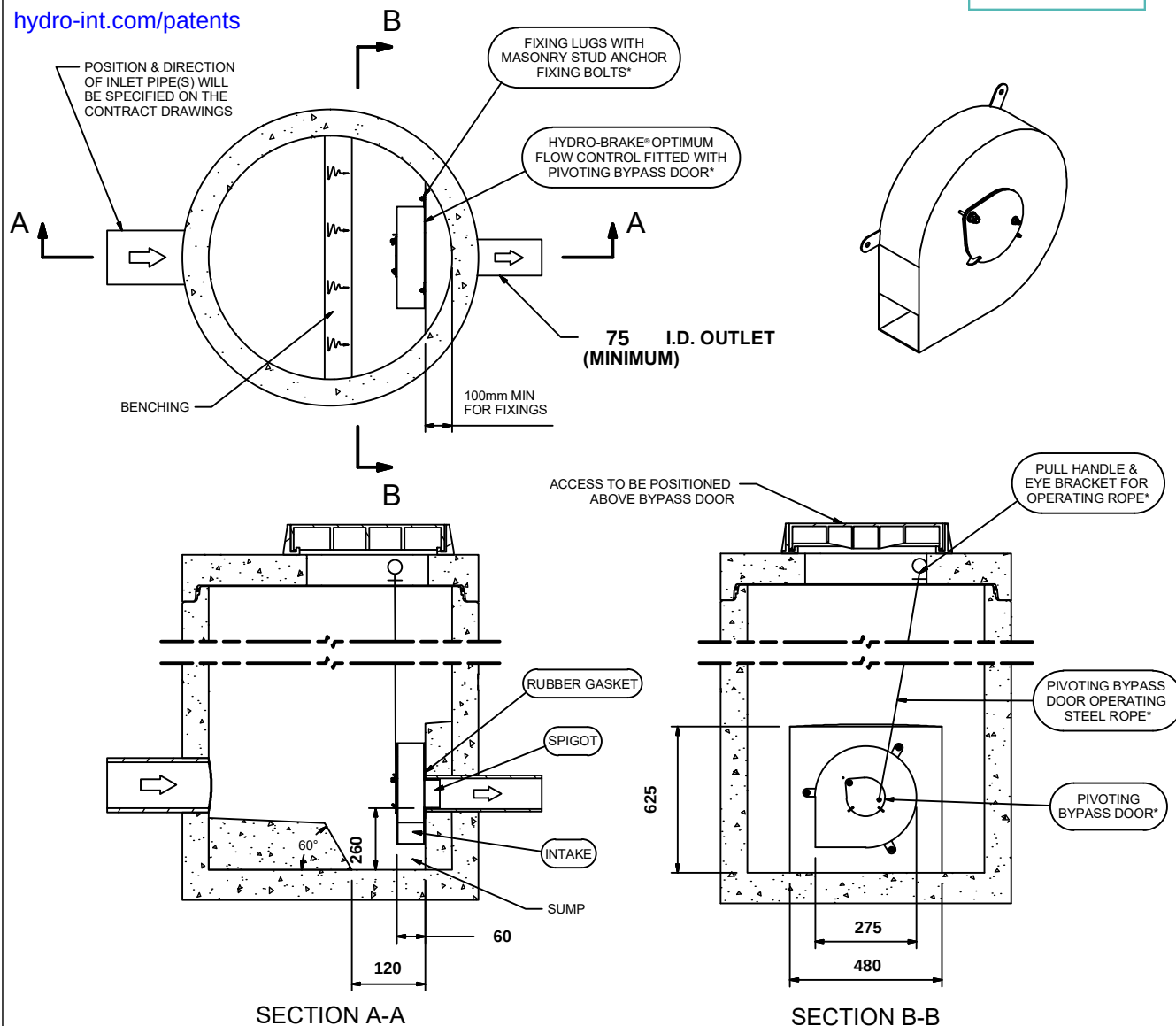
Control Point	Head (m)	Flow (l/s)
Primary Design	0.550	1.000
Flush-Flo™	0.167	1.001
Kick-Flo®	0.359	0.832
Mean Flow		0.875

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: 0 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-0053-1000-0550-1000 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	08/03/2024 15:06
SITE	24_21_1506 Rugby Road, Burbage
DESIGNER	
REF	HQT-158993

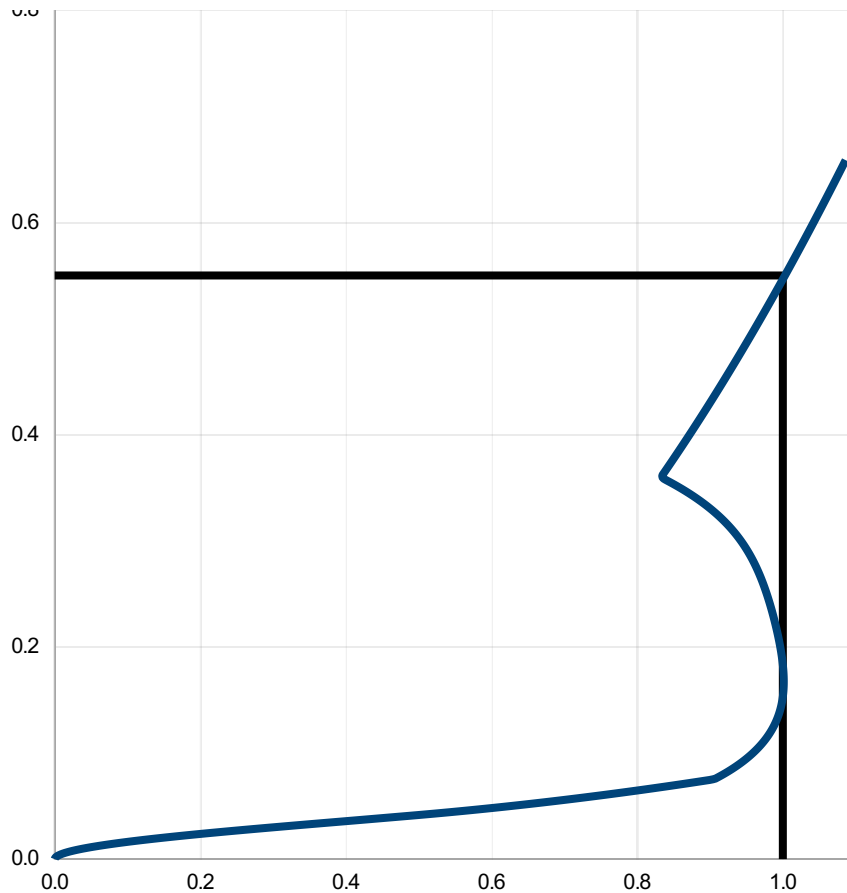
SHE-0053-1000-0550-1000
 Hydro-Brake® Optimum

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Head (m)	Flow (l/s)
0.000	0.000
0.019	0.133
0.038	0.437
0.057	0.713
0.076	0.907
0.095	0.950
0.114	0.977
0.133	0.993
0.152	1.000
0.171	1.001
0.190	0.999
0.209	0.994
0.228	0.987
0.247	0.979
0.266	0.970
0.284	0.957
0.303	0.939
0.322	0.914
0.341	0.879
0.360	0.835
0.379	0.852
0.398	0.870
0.417	0.888
0.436	0.906
0.455	0.923
0.474	0.939
0.493	0.956
0.512	0.972
0.531	0.987
0.550	1.003

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