

SALES QUOTE



Quote No: HQT-081427

Quote Date: 12/05/2021

Sell To: Mark Hobbs

ABMH Ltd

1 The Grove

Felpham

BOGNOR REGIS

PO22 7EY

Site Address:

Barfoots, Little Sefton

Pagham Road

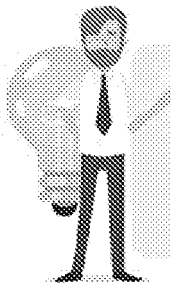
Bognor Regis

PO20 1LN

Account No: CON-011572

Hydro Ref: 21_21_2677 Barfoots, Little Sefton, Pagham Road, Bognor Regis

Item No	Description	Quantity	Unit Price	Amount
PQT1410.SHE	Manhole ref: SW3 As per drawing Hydro-Brake®Optimum Type HBO-SHE Product Code: SHE-0113-5000-0400-5000 Design Objective: Minimise upstream storage Design Flow = 5l/s; Design Head = 0.4m 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; Fixed Inlet and Pivoting Bypass Door			
PQT1410.SHE	As requested Hydro-Brake®Optimum Type HBO-SHE Product Code: SHE-0076-2000-0400-2000 Design Objective: Minimise upstream storage Design Flow = 2l/s; Design Head = 0.4m BBA Approved (08/4596 Product Sheet 1) WRc Approved (PT/329/0412) 3 mm thick Stainless Steel Grade 304L Designed to suit a minimum 100 mm outlet pipe and a minimum 1200 mm chamber Complete with: Lugs; Fixed Inlet and Pivoting Bypass Door			



Click to get safer, faster installation

Switch to a curve mount unit, or a Hydro-Brake® Chamber
with your unit ready-installed

Tips!

Product design, fabrication, standard installation details and delivery to UK mainland site or port included.
Delivery via specialist vehicle (Hlab, 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.

Technical Specification

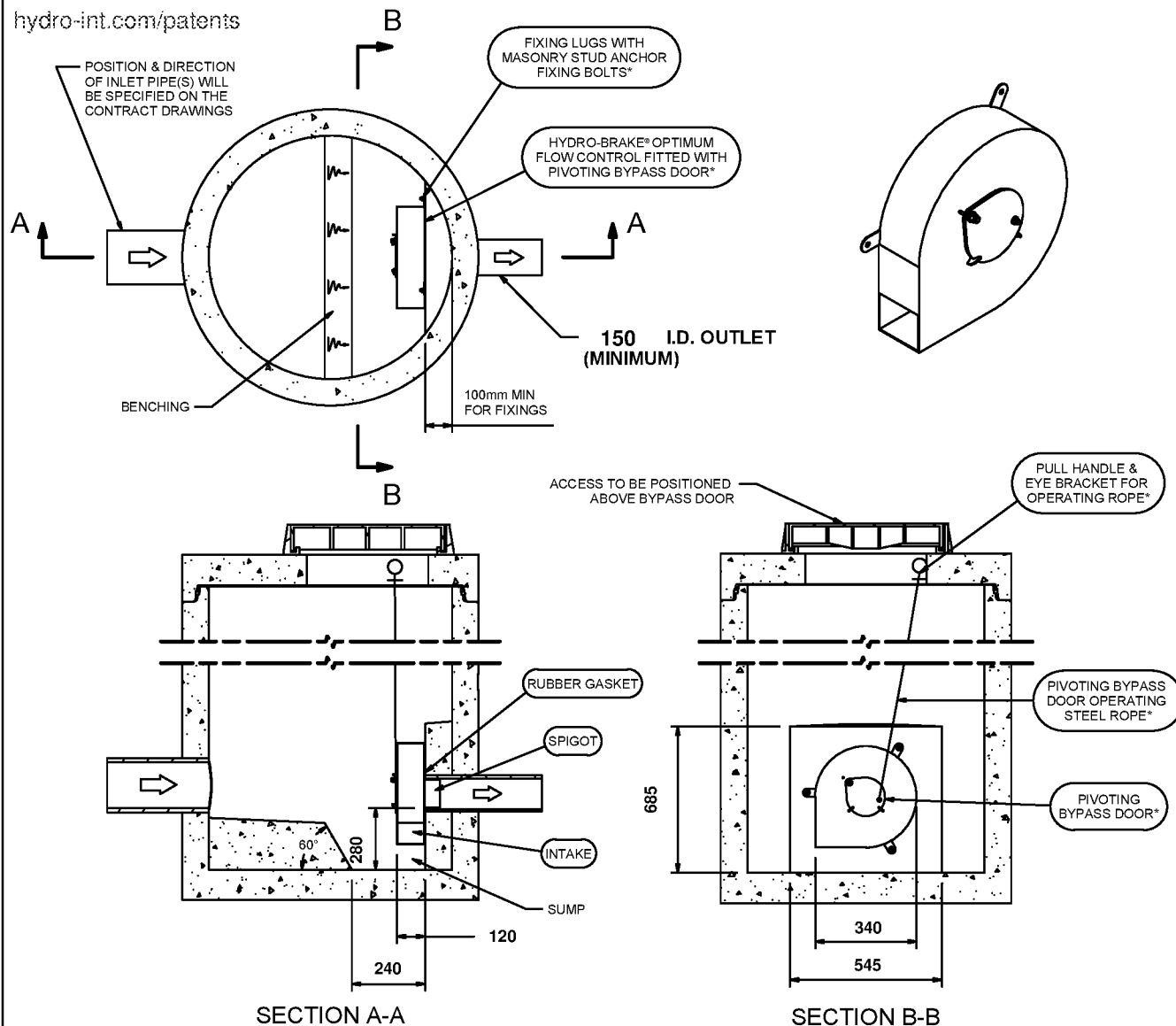
Control Point	Head (m)	Flow (l/s)
Primary Design	0.400	5.000
Flush-Flo™	0.170	4.997
Kick-Flo®	0.312	4.460
Mean Flow		3.990

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



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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-0113-5000-0400-5000 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.

Hydro
International

DATE	5/12/2021 3:36 PM
SITE	21 21 2677 Barfoots, Little Sefter, Pagham Road, Bognor
DESIGNER	
REF	HQT-081427 SW3

SHE-0113-5000-0400-5000
Hydro-Brake® Optimum

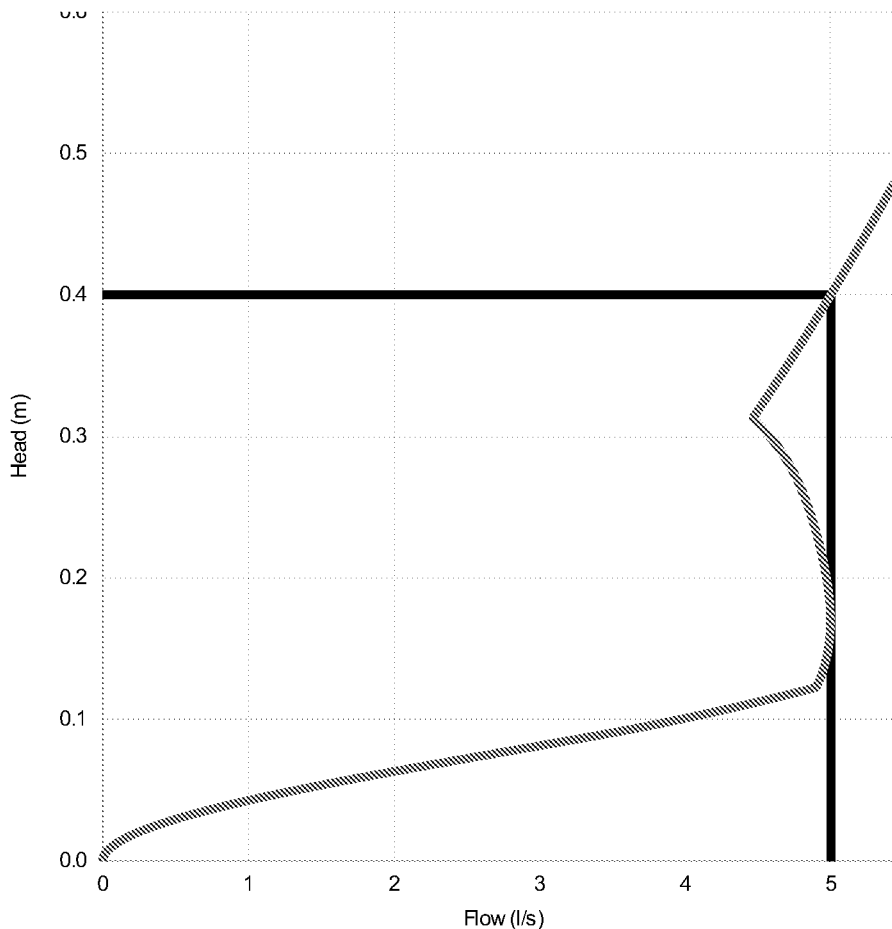
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PT/329/0412

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Head (m)	Flow (l/s)
0.000	0.000
0.014	0.114
0.028	0.439
0.041	0.939
0.055	1.577
0.069	2.307
0.083	3.069
0.097	3.796
0.110	4.412
0.124	4.906
0.138	4.955
0.152	4.984
0.166	4.996
0.179	4.994
0.193	4.980
0.207	4.957
0.221	4.928
0.234	4.893
0.248	4.851
0.262	4.800
0.276	4.737
0.290	4.656
0.303	4.550
0.317	4.491
0.331	4.580
0.345	4.667
0.359	4.752
0.372	4.836
0.386	4.917
0.400	4.998

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SHE-0113-5000-0400-5000
Hydro-Brake Optimum®

Technical Specification

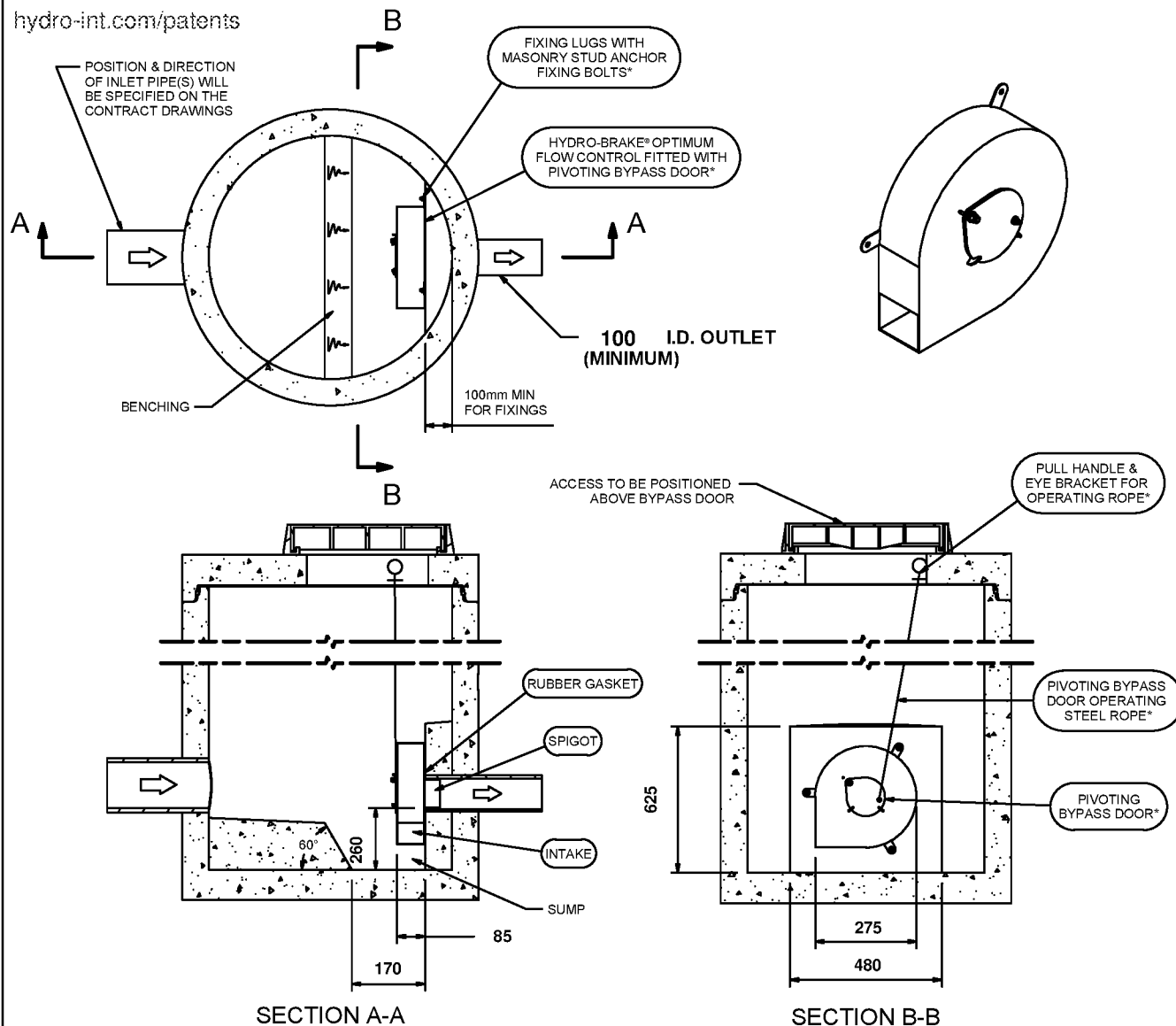
Control Point	Head (m)	Flow (l/s)
Primary Design	0.400	2.000
Flush-Flo™	0.126	2.002
Kick-Flo®	0.287	1.728
Mean Flow		1.674

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 Hydro-Brake® Optimum

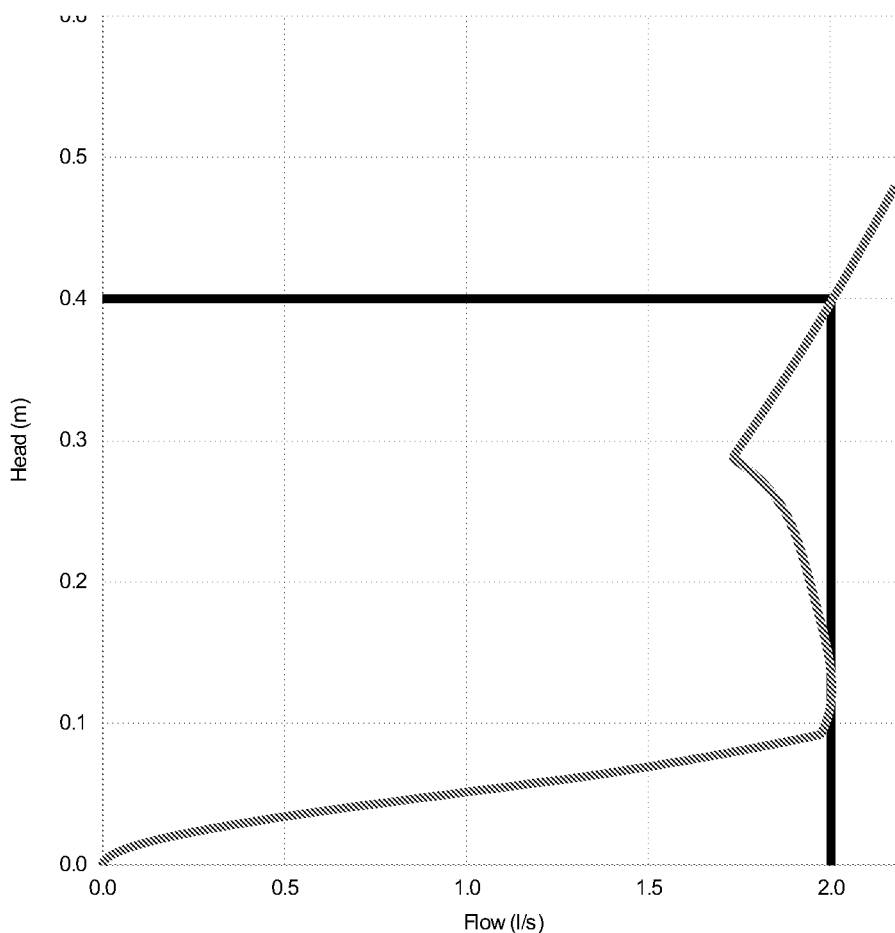
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PT/329/0412

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Head (m)	Flow (l/s)
0.000	0.000
0.014	0.091
0.028	0.339
0.041	0.697
0.055	1.108
0.069	1.486
0.083	1.790
0.097	1.980
0.110	1.997
0.124	2.002
0.138	1.999
0.152	1.991
0.166	1.978
0.179	1.964
0.193	1.950
0.207	1.935
0.221	1.919
0.234	1.901
0.248	1.876
0.262	1.841
0.276	1.790
0.290	1.734
0.303	1.771
0.317	1.806
0.331	1.841
0.345	1.875
0.359	1.909
0.372	1.941
0.386	1.973
0.400	2.005

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