

• CUSTOMER SERVICE • INNOVATION • MANUFACTURING • QUALITY • TECHNICAL EXPERTISE • EXCELLENCE • DESIGN •



The Right Connection®

Marine Products

Customer Service: +44 (0)1772 323529
Email: sales@dixoneurope.co.uk



ARCTIC STEEL

BISO STRAINER - bottom inlet / side outlet



Application:

Suitable for applications where a superior corrosion resistant stainless steel is required to filter liquids. Commonly used to strain seawater for engines, generators and HVAC systems in vessels.

Material:

- Electro-polished AISI 2205 cast stainless steel

Features:

- Offset outlet for improved performance
- Quick and easy access for cleaning, no tools required
- BSP thread inlet and outlet, flanged strainers available on request

- Cast anode connection point to combat galvanic corrosion

Options:

- 316 Stainless steel basket
- Clear polycarbonate or solid lid

Sizes:

- 1" to 6" inlet / outlet

SISO STRAINER - side inlet / side outlet



Application:

Suitable for applications where a superior corrosion resistant stainless steel is required to filter liquids. Commonly used to strain seawater for engines, generators and HVAC systems in vessels.

Material:

- Electro-polished AISI 2205 cast stainless steel

Features:

- Offset inlet and outlet for improved performance
- Quick and easy access for cleaning, no tools required
- BSP thread inlet and outlet, flanged strainers available on request

- Cast anode connection point to combat galvanic corrosion

Options:

- 316 Stainless steel basket
- Clear polycarbonate or solid lid

Sizes:

- 1" to 4" inlet / outlet

BASKETS



ABS



316 SS

Application:

Baskets are designed for use in seawater cooling applications and comply with engine manufacturer specifications for screen size and flow rates.

Material:

- Baskets are available in ABS plastic or 316 stainless steel

Features:

- Baskets occupy the full height of the strainer body, maximising filtration surface area

Options:

- Available in ABS plastic, which is durable and impact resistant, or 316 Stainless Steel with a 2mm perforated hole
- ABS baskets are available for every size strainer
- 316 Baskets available for all sizes except 1" SISO

LIDS



Application:

Strainer Lids provide an air and watertight seal and have been tested for pressures well beyond typical marine use.

Material:

- Solid lids and retaining ring on clear lids are cast AISA cast stainless steel

Features:

- All Lids have a raised sealing ridge designed to fit directly onto the silicone gasket, eliminating the use of O-rings. Lids are quick and easy to remove, requiring no tools

Options:

- Solid lids available to meet survey requirements
- Also available as clear two piece lid with cast retaining ring and polycarbonate disc

INLET STRAINERS



Application:

Designed to scoop water into thru hull fittings when the boat is in motion, at the same time preventing large particles and debris from entering the marine systems aboard.

Material:

- Solid cast 2205 stainless steel

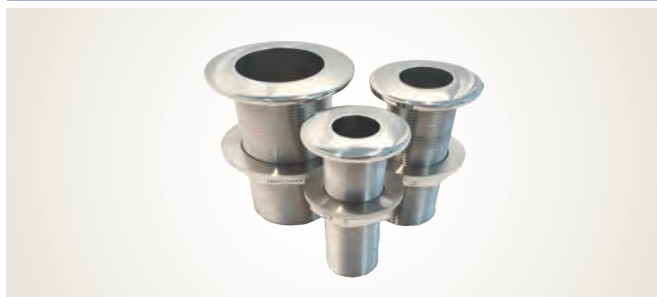
Features:

- Sand blasted surface finish for paint adhesion

Options:

- Scoop strainers available in sizes to suit 1/2" to 6" Thru Hull fittings
- Rose strainers available in two sizes: 90mm, 150mm

THRU HULL SKIN FITTINGS



Application:

Uniquely cast in 2205 stainless, specifically for underwater application.

Material:

- Solid cast 2205 stainless steel

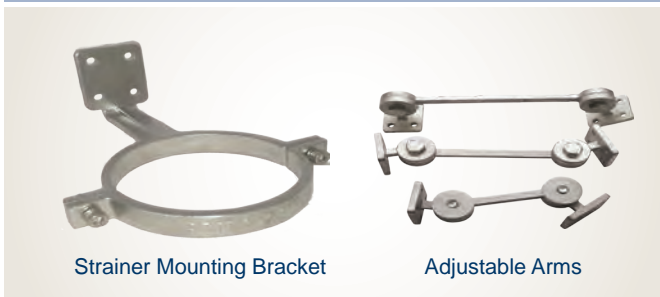
Features:

- Mirror polished outside flange

Options

- Long reach fittings available in 3/4", 1", 1 1/2"
- Standard sizes from 1/2" to 4"

BRACKET AND MOUNTING ARMS



Strainer Mounting Bracket

Adjustable Arms

Application:

Brackets are designed to allow BISO strainers to be mounted on a vertical wall or bulkhead and in combination with the adjustable arm the bracket can be used to brace a BISO strainer that is mounted directly to Ball Valve.

Material:

- 316 Stainless Steel

Features:

- Single bracket required for model sizes 1" & 1.5"
- Two brackets required for models 2" to 4"

Options:

- Available for BISO models up to 4"
- Adjustable Arm sizes available in the following lengths – 100mm, 150mm, 200mm

BALL VALVES



Application:

For use with air, water, oil, gas and most chemicals. Locking device standard.

Material:

- Body - 316 SS, Seat - PTFE

Features:

- Full Bore, Female Female BSP thread

Options:

- 1/4" to 4"

METALLIC HOSE ASSEMBLIES



Application:

Versatile robust hose suited to high pressure, high temperature and corrosive applications, flexible metal hoses can accommodate angular movements, temperature expansion, vibration and misalignment.

Dixon offers a variety of metallic hose options suited to individual applications including steam, compressed air, petrochemical and vacuum.

Pressure Equipment Directive:

All hose assemblies are compliant with Pressure Equipment Directive 2014/68/EU accredited by Lloyds Register, Notified Body Number 0038.

DNV Approval:

Dixon metallic hose is DNV Approved with assembly approval on various sizes.

Material:

- Hose: AISI 316L or AISI 321 stainless steel & exotics
- Braid: AISI 304

Features:

- Metal hose assembly meeting the requirements of class 1 of the EN ISO 10380 standard

Options:

- Convoluted core only
- Single, double or triple braid
- HP & THP high pressure
- Standard and close pitch constructions

- Radiograph, NDT or Dyepen
- Various end connections

Sizes:

- 6mm to 300mm

Temperature Range:

- -200°C to +650°C

Quality solutions for exceptional performance

Dixon is a premier manufacturer and supplier of marine fluid transfer products for a wide range of applications. With an unsurpassed reputation Dixon is committed to providing value added services, superior customer service, technical support and training to the Marine industry. With our global distribution footprint Dixon can efficiently service our customers with the right goods at the right time.

The marine range focuses on unique quality, performance, longevity and operational efficiency and every Arctic Steel strainer Dixon makes - is built to last longer, perform better and be easy to use. Not only do Arctic Steel strainers weigh less than conventional bronze models, our high grade 2205 stainless steel is highly corrosion resistant and compatible in a marine engine room.



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