



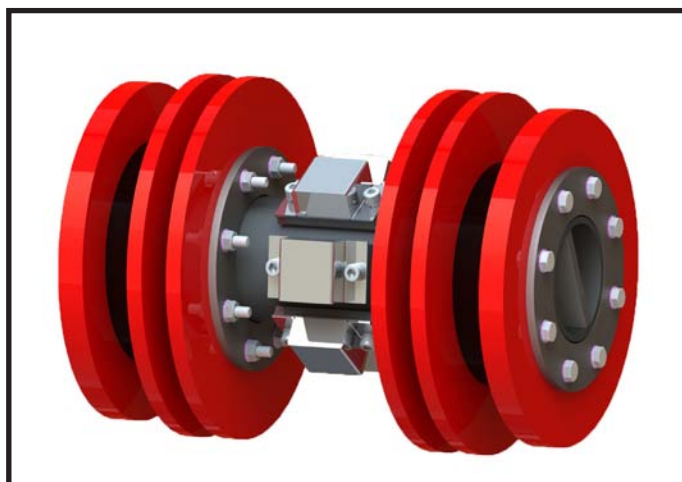
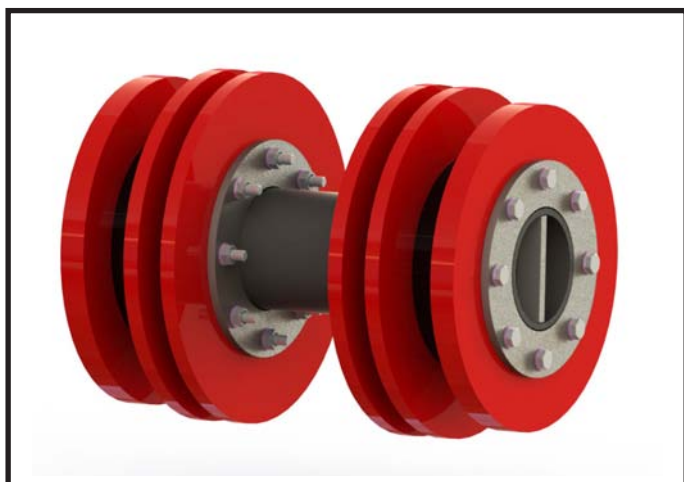
iNPIPE PRODUCTS™ Bi-Directional Disc Pig Data Sheet



PROGRESSIVE, RESPONSIVE AND KNOWLEDGEABLE

Supplier of pipeline maintenance

and testing equipment



iNPIPE PRODUCTS™ Bi-Directional Disc Pigs are comprised of polyurethane sealing discs, guide discs and spacer discs. They provide an excellent seal to the pipe wall and are ideally suited for all stages of pigging operations during a pipeline's lifespan from commissioning to operational duties and finally de-commissioning.

The disc and ancillary items are mounted onto a steel body tube and are held in position by metallic retaining flanges. A towing eye is fitted at each end of the tool to facilitate removal and they can be readily refurbished or re-configured to suit different applications.

A full suite of spare parts are available depending on client's requirements and accessories such as brushes, magnets, gauge plates, tracking houses and jetting heads can be added.

Features:

- Multi-Functional
- Replaceable Parts / Seals
- Robust Re-Useable Bodies
- Long Runs
- Proven Technology
- Size Range: 2" and above

Benefits:

- Will traverse full bore valves and barred tees
- Will negotiate 1.5D Bends
- Excellent physical sealing properties
- High wear and abrasion resistance
- Can be customised
- Excellent resistance to a wide range of gases and liquids

International Pipeline Products Ltd, Walkerville Industrial Estate, Catterick Garrison, North Yorkshire, England, DL9 4RR
Tel: (+44) 01748-834 577 Fax: (+44) 01748-834 121 - E-mail: expsales@inpipeproducts.co.uk - uksales@inpipeproducts.co.uk
Registered in England 185



PROGRESSIVE, RESPONSIVE AND KNOWLEDGEABLE

Supplier of pipeline maintenance

and testing equipment

Disc Pig Applications:

Bi-Directional Disc Pigs are ideally suited for the following pigging applications:

- Cleaning (water, debris, deposit removal & condensates)
- Flooding / Dewatering
- Swabbing
- Gauging
- Batching / Separation
- Commissioning
- Decommissioning
- De-Waxing
- Isolation

Standard Material Properties:

Standard body tubes and flanges manufactured from steel with two coats of anti-corrosive paint

Seal Discs manufactured from 65°A - 75°A shore hardness polyurethane providing good flexibility and low abrasion loss

Guide & Spacer Discs manufactured from 85°A shore hardness polyurethane; a rigid and tough component

Steel retaining plates at both ends

Hex HD bolts, washers and nyloc nuts



Design Options:

The modular design of **iNPIPE PRODUCTS™** Bi-Directional Disc Pigs allows for the addition of a comprehensive range of extras such as:

- Spindled body/Single Bolt Body
- Multi Bolt Body
- Mixture of sealing disc options
- Magnets (For Cleaning or Tracking)
- PU Conical Bumper Nose
- Gauging Plate (Plain, Slotted or PU Coated)
- Circular/Spring Mounted Brushes
- Carbon, Stainless or Nylon Brushes
- PU Protector Noses
- Horizontal & Vertical Lifting/Pulling Eyes
- Pluggable Bypass
- Articulated with joint
- Jetting Head
- Transmitter/Pinger/Isotope Housing
- Suspension Wheels
- Plough Blades (Plain & Pinned)

International Pipeline Products Ltd, Walkerville Industrial Estate, Catterick Garrison, North Yorkshire, England, DL9 4RR
Tel: (+44) 01748-834 577 Fax: (+44) 01748-834 121 - E-mail: expsales@inpipeproducts.co.uk - uksales@inpipeproducts.co.uk
Registered in England 185



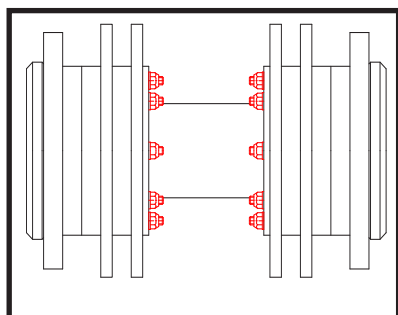
PROGRESSIVE, RESPONSIVE AND KNOWLEDGEABLE

Supplier of pipeline maintenance

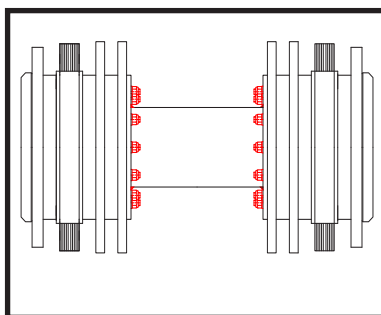
and testing equipment

Common Disc Configurations:

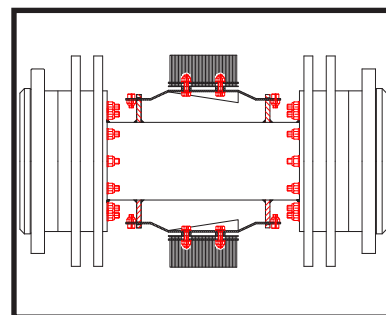
The disc configuration of *INPIPE PRODUCTS™* Bi-Directional Disc pigs can be arranged for different pigging applications. Here are some common examples:



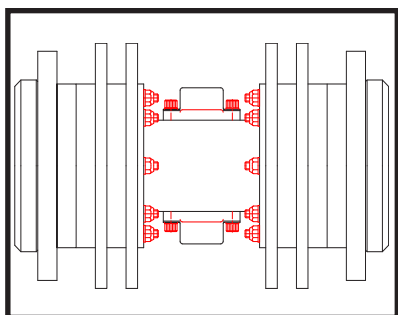
**IPHS 2-4
Standard**



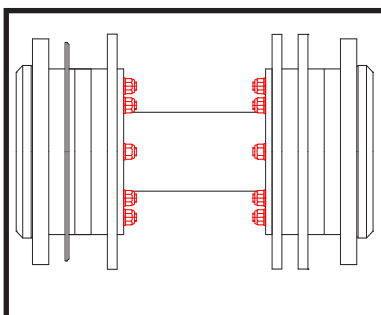
**IPHS 2-4
Circular Brush**



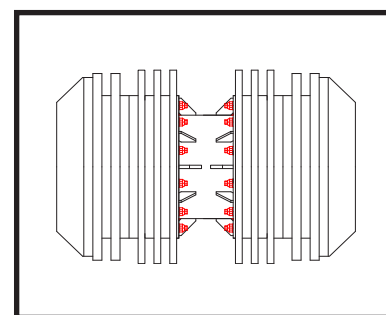
**IPHS 2-4
Spring Mounted Brushes**



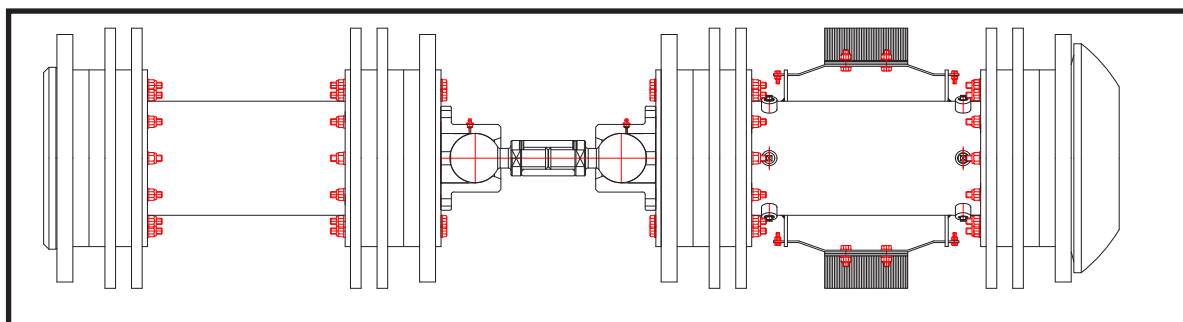
**IPHS 2-4
Magnetic**



**IPHS 2-3
Gauging**



**IPHS 4-6
Long Run**



Typical Articulated Pig

Note: The designs shown above are for illustrative purposes only and do not necessarily reflect the finished product. Any client specific arrangements can be catered for on request.

International Pipeline Products Ltd, Walkerville Industrial Estate, Catterick Garrison, North Yorkshire, England, DL9 4RR
Tel: (+44) 01748-834 577 Fax: (+44) 01748-834 121 - E-mail: expsales@inpipeproducts.co.uk - uksales@inpipeproducts.co.uk
Registered in England 185

**PROGRESSIVE, RESPONSIVE
AND KNOWLEDGEABLE**

Supplier of pipeline maintenance
and testing equipment

Client Reference List:

