

Bi-Di High Sealing Combination Pigs Flooding / Dewatering / Cleaning / Gauging

www.ik-uk.com
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ROYAL
OIL & GAS

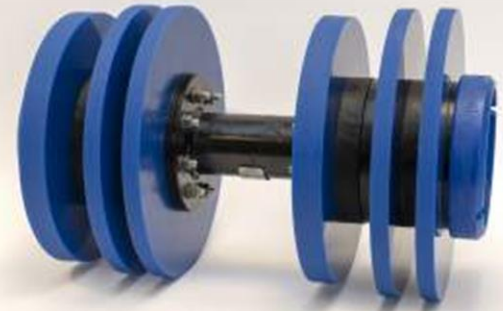
Collaborate • Innovate • Succeed

Designed to be used for the displacement of water or air during hydrostatic testing of a pipeline IK-UK's range of Bi-directional disc/scrapers offer excellent high sealing qualities.

The range is comprehensive 2" through to 60", with a variety of body constructions available. In sizes 2" up to 14" a spindle (bolt) body can be offered or alternatively the complete range up to 60" can be supplied as a multi bolt design.

The standard model is supplied with six polyurethane discs: two support/guide discs which assist loading and centralization in the pipeline and four sealing discs which drive, seal and scrape.

The scraping action of the sealing discs has proved successful in removing light deposits from the pipe wall; this cleaning ability can be further enhanced by the addition of brushes, plough blades or pin wheel discs. Other design options include the attachment of magnets (for debris collection), gauge plates and transmitter housings.



- Extra sealing and guide discs can be added if the scraper is to be used over long distance (150km) or the pipeline conditions are particularly arduous.
- As standard all IK-UK's pigs are designed to pass minimum 3D radius bends and negotiate full bore branches.
- Optional polyurethane bumper noses available.
- Optional by-pass ports available which allows removed debris to be flushed clear of the discs and brushes
- All multi bolt pig body assemblies are welded to code standard BS EN ISO 15614-1:2004+A1:2008.
- NDT testing (MPI) of the welds can be performed if requested.
- All pipeline mediums can be accommodated
- For Sour Service (H₂S) IK-UK offers polyurethane coating of all carbon steel components
- Can be fitted with Online Electronics tracking equipment



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