

Bi-Directional Disc Scrapers



Designed to be used for the displacement of water or air during hydrostatic testing of a pipeline IKS range of Bi-directional disc/scrapper 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. Larger sizes are available upon request.

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 pinwheel 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 a long distance (150km) or the pipeline conditions are particularly arduous.

All IKS scrapers are supplied with polyurethane bumper noses as standard.

All IKS scrapers are designed to pass minimum 1.5D radius bends and negotiate full bore branches.

All multi-bolt scraper body assemblies are welded to code standard BS EN ISO 15614-1:2004+A1:2008.

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