

MECHANICAL PIGS DATA SHEET

Middle East Manufacture of Pipe Cleaning
Equipment

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General Information

A Mechanical pig comprises major main parts those are the Polyurethane Discs, Polyurethane Cups and the Metal Body that could be equipped with a lot of accessories based on the function the pig is required to achieve. Bi-Directional Standard Batching Pig comprises of Polyurethane Sealing, Guiding and Spacer discs those could be in minimum count of 2 x Guiding Discs, 4 x Sealing Discs and Spacers. A Uni Directional Mechanical Pig it counts in minimum 2 x Standard Polyurethane Cups. These arrangements and counts of either discs or cups would be different based on the real activity the pig is required to achieve, the pipeline length and the changes of either the diameter or the thickness.

The Discs, Cups and accessories are mounted on a steel body tube that is held in position by metallic flanges and are designed in such a manner that they can be re-used several times by only replacing the components.

MEM's metal bodies are fabricated by experienced firms using the highest standards of Steel. The bodies are tested and checked as per the international standards then the process of assembly for all the components and accessories starts.

Features

- Multi-functional.
- Replaceable Polyurethane Components.
- Durable and resilient Re-usable bodies.
- Customized sizes available from 2" onwards.
- Applicable to a wide range of gases and liquids.
- Excellent wear and abrasion resistance.

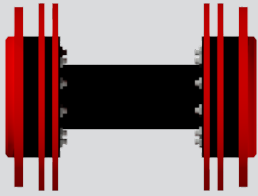
Add-on Components that MEM offers

- Threaded body/Single Bolt Body
- Multi Bolt Body
- Mixture of sealing discs or Cups options
- Magnets (For Cleaning or Tracking)
- PU Bumper Nose
- Gauging Plate (Plain, Slotted or PU Coated)
- Circular/Spring Mounted Brushes
- Carbon, Stainless or Nylon Brushes
- Horizontal & Vertical Lifting/Pulling Eyes
- Pluggable Bypass
- Transmitter/Pinger/Isotope Housing
- Suspension Wheels

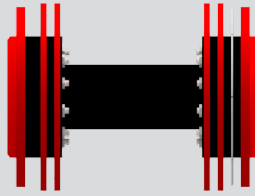
Standard Pig Components

Polyurethane Discs:

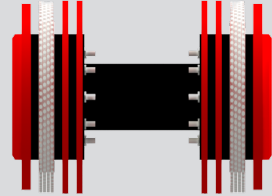
- Seal Discs Manufactured From 65° - 75° A shore hardness polyurethane to provide good seal flexibility.
- Guides and Spacer Discs manufactured from 85° A shore Hardness polyurethane to support the pig.
- Metal body and flanges.
- Hex bolts, washers, and lock nuts.



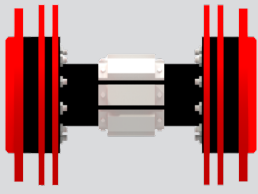
Batching Pig
(BDB)



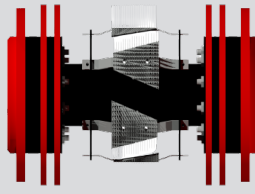
Gauging Pig
(BDG)



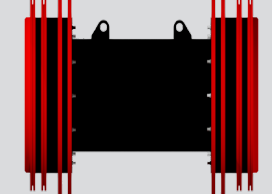
Cleaning/Brush Pig
(BDC)



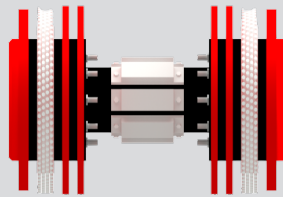
Magnetic Pig
(BDM)



Spring Loaded Brush Pig
(BDSL)



Long-run Pig
(BDLR)



Magnetic Brush Pig
(BDMB)



Abu Dhabi - UAE
ICAD 3 - Musaffah
P.O.BOX: 52844
Tel: +971-2-5558303
Fax: +971-2-5558304
Email: info@mempce.com
Website: www.mempce.com