

## Steel Pig Selection Guide

### Batching, Gauging & Displacement Pigs



BGC-3



BGC-4



BGD-4



MD



MDB

Description:

Sturdy carbon-steel body equipped with easily replaceable cups and discs. Capable of being fitted with gauging plate machined to specifications. 2” through 14” are center-rod type and 16” through 48” are bolting pattern configuration.

Design Function:

Primarily used for evacuating air and liquid before and after hydrostatic testing, routine batching operations, and product removal. Equipped with gauging plate, pig is used to prove roundness of pipe and to ensure excessive weld penetration or construction debris does not exist. Also used to prove minimum bend radius prior to intelligent pig use. With the addition of brushes or blades on the MDB model, this pig is able to perform all operations of pigging, including filling, dewatering, batching, cleaning, gauging, and product removal.

Options:

Carbon steel, stainless steel, or aluminum body; cups and discs manufactured from polyurethane, neoprene, viton, epdm, buna-n or other elastomer compounds for special services; aluminum or steel gauging plate of varying thickness, with or without slots; two-cup, three-cup, four-cup, two-disc and four-disc pig design; transmitter orpinger cavity; magnets; configurations can be modified to include cups and discs on single-pig configuration for increased sealing capabilities; customized dimensions for special pigging applications.

## Cleaning Pigs



WWB



SRB



LRB



LRB w/ Discs

Description:

Sturdy carbon-steel body equipped with easily replaceable cups or discs, and circular brushes or brush components mounted on wear-compensating springs, providing 360° coverage of internal pipe surface. Capable of being fitted with gauging plate machined to specifications. 2" through 14" are center-rod type and 16" through 48" are bolting pattern configuration.

Design Function:

Primarily used for pre-commission and on-stream cleaning of crude oil, refined product, and natural gas pipelines where rust, millscale, sand, wax, organic growth, mud, oxides, and other foreign matter exist. Equipped with gauging plate, pig is used to prove roundness of pipe and to ensure excessive weld penetration or debris does not exist. Also used to prove minimum bend radius prior to intelligent pig use.

Options:

Carbon steel, stainless steel, or aluminum body; cups manufactured from polyurethane, neoprene, viton, epdm, buna-n or other elastomer compounds for special services; carbon-steel, stainless steel, prostran brushes or urethane blades; leaf or flat spring design; aluminum or steel gauging plate of varying thickness, with or without slots; two-cup, three-cup or four-cup pig design; transmitter or pinger cavity; magnets; configurations can be modified to include discs for increased sealing capabilities or bi-directional use on certain models; customized dimensions for special pigging applications.

## Conical Cup Pigs



VP-2BA



VP-3BA



VP-4BA



VP-2BL



VP-3BL



VP-4BL



VP-2BR



VP-3BR



VP-4BR

Description:

Sturdy carbon-steel body equipped with easily replaceable conical cups and steel brushes or urethane blades mounted on wear-compensating flat springs, providing 360° coverage of internal pipe surface. Capable of being fitted with gauging plate machined to specifications. Designed to be versatile with the ability of being fitted with two, three, or four cups and spring-loaded brushes or blades in field with ease. 2" through 14" are center-rod type and 16" through 48" are bolting pattern configuration.

Design Function:

The design allows this pig to perform all operations of pigging, including filling, dewatering, batching, cleaning, gauging, and product removal. Equipped with conical cups, pig can negotiate up to 15% reductions and deformations.

Options:

Carbon steel, stainless steel, or aluminum body; cups manufactured from polyurethane or other elastomer compounds for special services; aluminum or steel gauging plate of varying thickness, with or without slots; two-cup, three-cup or four-cup pig design; carbon steel, stainless steel, protran brushes, or polyurethane blades; transmitter or pinger cavity; magnets; configurations can be modified to include discs for increased sealing capabilities; customized dimensions for special pigging applications.