

## MANNTEK SAFETY BREAK-AWAY COUPLING INDUSTRIAL 150# FLANGE



\* Imágenes referenciales

\*\* Algunas características pueden variar sin previo aviso, venta sujeta a stock disponible

FECHA

: 10/11/2026 07:36 PM

SKU

: 18937

MARCA

: DIXON VALVE

MODELO

: SBC100SSFL

### Applications:

Coupling is designed to minimize spillage and damage associated with drive away and pull away incidents.

Typical applications: loading rack

### Features:

Designed to be installed between a fixed point (pipe, pump, manifold) and a hose

Coupling automatically senses an excessive load, closes the valves and disconnects

High flow rate / low pressure drop

### Available Options:

Also available in NPT Thread, BSP thread, DN Flange, 300# ASA Flange, Grooved Ends or any combination thereof. Consult Dixon for more information.

Optional Non-closure Design available, consult Dixon for more information.

The non-closure design is an economical alternative which allows the coupling to break away due to pull-away/drive-away incidents thus protecting piping systems and equipment. The design allows spillage of product in these instances due to the lack of valving in the coupling. Useful applications where non-hazardous product is being conveyed and where there are no environmental concerns.

### How it works:

The safety break-away valve consists of two halves, each with a valve that has an O-ring seal. When the safety break-away couplings separate, it allows the valves to close. The two valves close rapidly, minimizing exposure to personnel and the environment.

Safety break-away couplings have three external break bolts. In the case of axial tension all of the bolts take up the force corresponding to the break force

## DRY DISCONNECTS

## ACOPLAMIENTOS TÉCNICOS PARA FLUIDOS

on the hose with a safety margin. Non-axial forces concentrate the tension forces more strongly on one bolt, so that the safety break-away coupling reacts in a natural way to the reduction of the hose break forces.

Safety notes:

WARNING: Cancer and Reproductive Harm- [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## ESPECIFICACIONES TÉCNICAS

|                     |                        |
|---------------------|------------------------|
| Factory Part Number | SBC100SSFL             |
| Material            | 316 Stainless Steel    |
| Seal                | FKM (FPM)              |
| Size                | 1"                     |
| Working Pressure    | 360 PSI at 70°F (21°C) |