The Right Connection®

5900-Series Safety Breakaway Coupling

Application

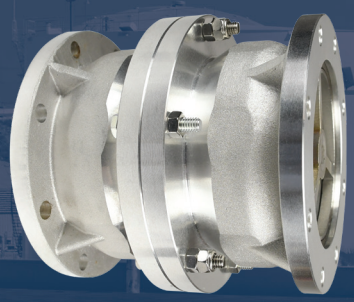
- Designed to protect loading arms and hoses used in petroleum loading applications

Features

- Designed to shear and separate protecting the loading arm or hose and preventing spillage of liquid product
- Shear bolts are replaceable allowing the fitting to be reassembled and put back in service
- Poppet design holds open permitting low pressure drop flow through the coupling, should the coupling shear as a result of a drive away, the internal poppets will snap shut preventing spillage and loss of product
- Compact, fits behind any API loading coupler
- PTFE seal option is typically used in fuel applications to resist long term exposure to fuel additives
- Break force varies with line pressure, refer to the Maintenance & Operating Instructions for 5900-Series Breakaway Couplings

Materials

- Seal material options include nitrile rubber, FKM-GFLT, and PTFE
- Aluminum A356T6



5900ALBN400A

Size	Seal Material	Part #
4”	nitrile rubber	5900ALBN400A
	FKM encapsulated PTFE	5900ALTV400A
	FKM-GFLT	5900ALVG400A

Repair Kits

Size	Part #
replacement shear bolt kit profile A	5900-KIT-BA
replacement O-ring kit, nitrile	5900-KIT-4BN
replacement O-ring kit, FKM GFLT	5900-KIT-4VG
replacement O-ring kit, PTFE encapsulated FKM	5900-KIT-4TV

Dixon Bayco®

7280 Union Centre Blvd
West Chester, Ohio 45014
ph: 513.874.8499
fx: 513.874.8399
dixonvalve.com

© 2022 DVCC • 5900-SBC_522