

# MannTek Safety Break-away Couplings - Industrial Version

### Application:

 loading rack, bulk loading / unloading, road tankers and rail tankers



#### Features:

- designed to be installed between a fixed point (pipe, pump, manifold) and a hose
- minimizes spillage and damage associated with pull-away incidents
- coupling automatically senses excessive load, closes valves and disconnects, release is executed when force causes bolts to break
- high flow rate / low pressure drop
- working pressure: stainless steel 360 PSI and aluminum 230 PSI at ambient temperature 70°F (21°C)
- FKM (FPM) seal standard, additional seal materials are available
- optional non-closure design available, contact Dixon<sup>®</sup>

# Female NPT x Female NPT



Size	DN Size	316 Stainless Steel Part #	Aluminum Part #
EW 1"	25	SBC100SS	SBC100AL
2"	50	SBC200SS	SBC200AL
3"	80	SBC300SS	SBC300AL
4"	100	SBC400SS	SBC400AL
5"	125	SBC500SS	SBC500AL
6"	150	SBC600SS	SBC600AL

### Male NPT x Male NPT



Size	DN Size	316 Stainless Steel Part #	<i>Aluminum</i> Part #
2"	50	SBC200SSMNPT	SBC200ALMNPT
3"	80	SBC300SSMNPT	SBC300ALMNPT
4"	100	SBC400SSMNPT	SBC400ALMNPT
5"	125	SBC500SSMNPT	SBC500ALMNPT
6"	150	SBC600SSMNPT	SBC600ALMNPT

# 150# Flange x 150# Flange



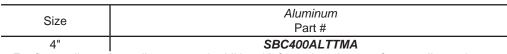
Size	DN Size	316 Stainless Steel Part #	<i>Aluminum</i> Part #
NEW 1"	25	SBC100SSFL	
2"	50	SBC200SSFL	SBC200ALFL
3"	80	SBC300SSFL	SBC300ALFL
4"	100	SBC400SSFL	SBC400ALFL
5"	125	SBC500SSFL	SBC500ALFL
6"	150	SBC600SSFL	SBC600ALFL
8"	200	SBC800SSFL	

• For flange dimensions, diagrams and additional information please reference dixonvalve.com.

# **TTMA Flanged Breakaway Coupling**

#### Features:

- · minimizes spillage and damage associated with drive away and pull away incidents
- installs between an API coupler and loading arm
- coupling automatically senses excessive load, closes the valves and disconnects, release is executed when force causes the bolts to break
- · high flow rate / low pressure drop
- 150 PSI at ambient temperature 70°F (21°C)
- FKM/FPM is standard seal



· For flange dimensions, diagrams and additional information please reference dixonvalve.com.

