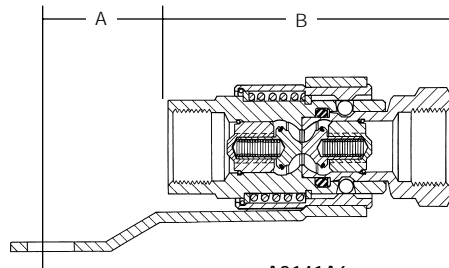


Pull-Away Valves for Transfer Operations

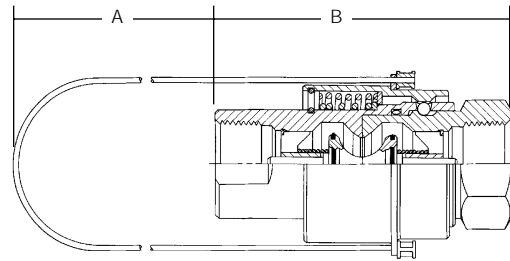
A2141 Series

ΒΑΛΒΙΔΕΣ ΑΣΦΑΛΟΥΣ
ΑΠΟΣΥΝΔΕΣΗΣ

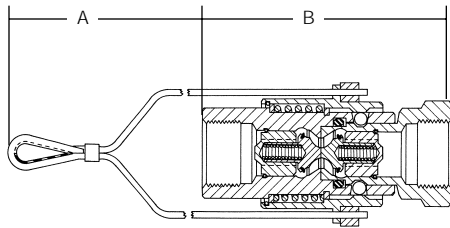
31600xA 1/1



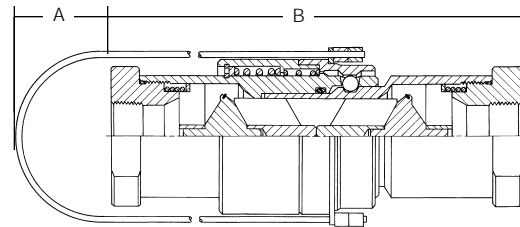
A2141A6
A2141A8



A2141A10



A2141A6L
A2141A8L



A2141A16

Application

Designed especially to provide pull-away protection for LP-Gas and anhydrous ammonia transfer operations including transport and delivery truck loading and unloading, engine fuel container filling and miscellaneous cylinder filling operations. When properly fastened to the inlet end of the discharge hose, the valve is designed to stop gas escape from both upstream and downstream lines in the event of a pull-away. An excessive tension pull causes the valve to automatically separate, closing two internal back pressure checks. Only a few cubic centimeters of gas escape at the instant of separation.

It is recommended that a convenient means be provided to safely remove the pressure from the line upstream of each coupling half to enable reassembly of the valve. To reassemble, simply push the male half firmly into the female half until the retaining balls slip into the retaining groove. Check for leaks after reassembly.

NOTE: It is recommended that pull-away valves be safety-tested at least monthly to confirm that they will separate properly in the event of a pull-away. Dry nitrogen or other inert gas is suggested for a source of pressure during such tests.

If the A2141 pull-away valve is going to be stored for a period of time,

such as in seasonal applications, it is recommended that it be sprayed with a good grade of rust-preventive machine oil, and covered to protect it from moisture.

A test should be conducted to confirm proper performance, including a simulated pull-away, prior to putting the pull-away valve back in service.

Features

- Heavy-duty construction for long service life.
- A "true" pull-away type valve which simply reconnects by snapping together without unnecessary downtime or need for new parts.
- Buna-N seals provide leak tight operation.
- 400 PSIG operating pressure.

Materials

Body (3/4", 1")Cadmium Plated Steel
 Body (1 1/4", 2")Aluminum
 SealsBuna-N Rubber
 CableNylon Coated, Galvanized Steel

Ordering Information

Part Number	Inlet/Outlet Connections F. NPT	Disconnect Force Approx-lbs	Reconnect Force Approx-lbs	A Length	B Length	LP-Gas Liquid Flow Capacity at Various Differential Pressures (GPM)*			
						5 PSIG	10 PSIG	25 PSIG	50 PSIG
A2141A6	3/4"	130	80	5/8"	3 7/8"	11	16	25	36
A2141A6L				6 1/8"					
A2141A8	1"	75	50	1 1/16"	4 9/16"	21	30	47	67
A2141A8L				5 7/8"					
A2141A10	1 1/4"	160	25	5"	5 5/8"	52	75	120	170
A2141A16	2"	300	50	8 1/2"	14 5/16"	250	350	550	750

* To determine NH₃ liquid flow capacity, multiply by .90.

