



DRY DISCONNECT COUPLER & DRY DISCONNECT ADAPTER



ALUMINIUM DRY DISCONNECT COUPLER

SPECIFICATIONS

Made according to NATO standard S7ANAG 3756
Optional seals: EPDM, NBR, VITON

CONSTRUCTION

Corrosion resistance
High strength
Sturdiness

FEATURES

- Dry disconnect coupler (sometimes called a dry break coupler), is the female half of a dry disconnect system. It's purpose is to automatically seal off when disconnected and open when connected they lock onto the male half. Dry Disconnect Couplings are optimised for safe handling of liquid and vapour with minimum spill during connection and disconnection.
- Dry disconnect adaptors (sometimes called a tank adaptor), is the male half of a dry disconnect system. It's purpose is to automatically seal off when disconnected and open when connected they lock onto the female half. Dry Disconnect adaptors are optimised for safe handling of liquid and vapour with minimum spill during connection and disconnection.

SIZE	COUPLER ID SIZE	PART NUMBER	WORKING PRESSURE (bar)
2"	70mm	DDC200-AL	20
3"	119mm	DDC300-AL	20
4"	164mm	DDC400-AL	20



ALUMINIUM DRY DISCONNECT ADAPTER

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SIZE	ADAPTER OD SIZE	PART NUMBER	WORKING PRESSURE
2"	70mm	DDA200-AL	20
3"	119mm	DDA300-AL	20
4"	164mm	DDA400-AL	20



Dry disconnect Fitting 1"



Dry disconnect Fitting 2"



Dry disconnect Fitting 3"



Dry disconnect Fitting 4"

SS316 DRY DISCONNECT COUPLER

SPECIFICATIONS

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SIZE	COUPLER ID SIZE	PART NUMBER	WORKING PRESSURE
1"	56mm	DDC100-SS	20
2"	70mm	DDC200-SS	20
3"	119mm	DDC300-SS	20
4"	164mm	DDC400-SS	20



Adapter X Female NPT 1"



Adapter X Female NPT 2"



Adapter X Female NPT 4"

DRY DISCONNECT ADAPTER

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SIZE	ADAPTER OD SIZE	PART NUMBER	WORKING PRESSURE
1"	56mm	DDA100-SS	20
2"	70mm	DDA200-SS	20
3"	119mm	DDA300-SS	20
4"	164mm	DDA400-SS	20



DRY DISCONNECT ADAPTER-FLANGE

SPECIFICATIONS

Made according to NATO standard S7ANAG 3756
Optional seals: EPDM, NBR, VITON

CONSTRUCTION

Corrosion resistance
High strength
Sturdiness

FEATURES

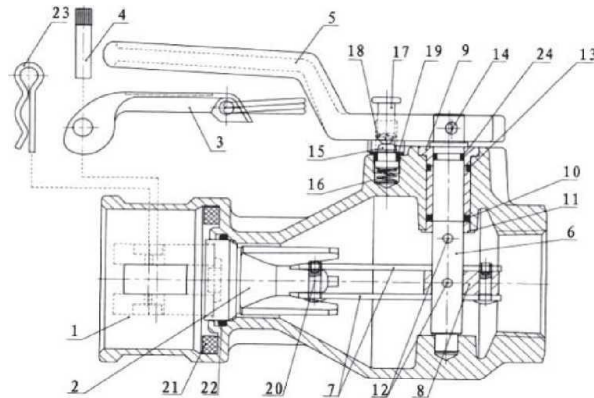
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EN1092 STANDARD

SIZE	ADAPTER OD SIZE	PART NUMBER
1"	56mm	DDA100-SS
2"	70mm	DDA200-SS
3"	119mm	DDA300-SS
4"	164mm	DDA400-SS

CLASS 150 STANDARD

SIZE	ADAPTER OD SIZE	PART NUMBER
1"	56mm	DDA100-SS
2"	70mm	DDA200-SS
3"	119mm	DDA300-SS
4"	164mm	DDA400-SS



CAMLOCK DRY DISCONNECT COUPLER & ADAPTER

ALUMINUM COUPLER X FEMALE



SIZE	ALUMINUM/BUNA	ALUMINUM/VITON	ALUMINUM/TEFLON
1-1/2"	761D-150	762D-150	763D-150
2"	761D-200	762D-200	763D-200
3"	761D-300	762D-300	763D-300

ALUMINUM ADAPTER X FEMALE



SIZE	ALUMINUM/BUNA	ALUMINUM/VITON	ALUMINUM/TEFLON
1-1/2"	621A-150	622A-150	623A-150
2"	621A-200	622A-200	623A-200
3"	621A-300	622A-300	623A-300

NO.	DESCRIPTION	QTY	MATERIAL	NO.	DESCRIPTION	QTY	MATERIAL
1	Body	1	NBR	13	O-ring	1	NBR
2	Poppet	1	SS304	14	Pin	1	SS304
3	Cam Arm	2	NBR	15	Stub	1	SS304
4	Cam Pin	2	NBR	16	Spring	1	Spring Steel
5	Handle	1	SS304	17	Button	1	SS304
6	Shaft	1	SS304	18	C-Ring	1	65Mn
7	Link	2	65Mn	19	Hex Nut	2	SS304
8	Cam	1	SS304	20	Rivet	2	
9	Bushing	1	Spring Steel	21	Gasket	1	NBR
10	O-ring	1	SS304	22	O-ring	1	NBR
11	Retainer	1	SS304	23	Safety Pin	2	SS304
12	Roll Pin	2	NBR	24	O-ring	1	NBR



CAMLOCK DRY DISCONNECT COUPLER & ADAPTER



STAINLESS STEEL 316 COUPLER X FEMALE

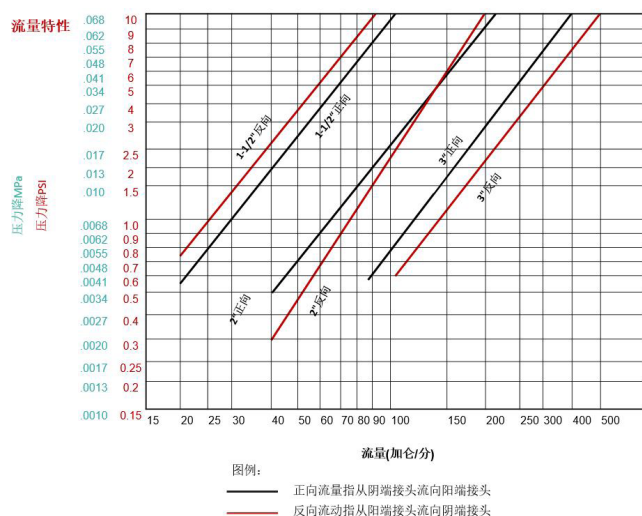
SIZE	SS316/Viton	SS316/Teflon
1-1/2"	772D-150	773D-150
2"	772D-200	773D-200
3"	772D-300	762D-300



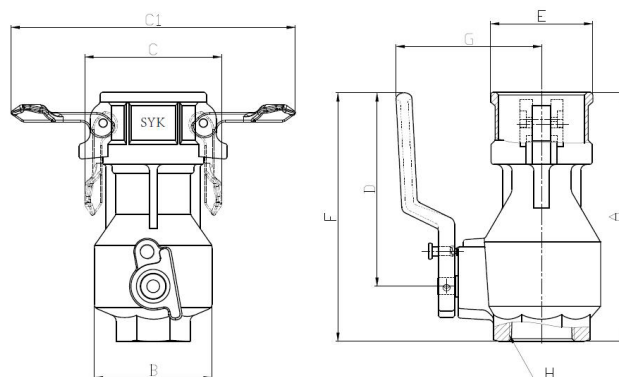
STAINLESS STEEL 316 ADAPTE X FEMALE

SIZE	SS316/Viton	SS316/Teflon
1-1/2"	672A-150	673D-150
2"	672A-200	673D-200
3"	672A-300	673D-300

Flow characteristic



Outline dimension drawing



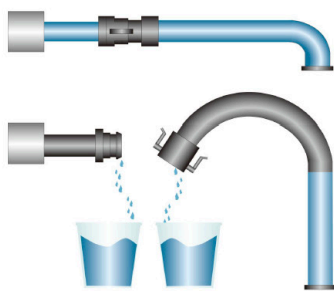
DIM	A	B	C	C1	D	E	F	G	H
1½"	184.5	Ø87.5	101.6	211	143.5	Ø79	185	108	1½"BSP
2"	189	Ø88	114.6	224	143.5	Ø90	185.5	108.5	2"BSP
3"	248.5	Ø141.5	160.5	270	167	Ø138	234	134	3"BSP



CAMLOCK DRY DISCONNECT COUPLER & ADAPTER

Q: What's the point of Dry-Disconnect adapter?

A: In the past, the open quick connector met the rapid connection demand of the chemical industry, but the on-site waste, pollution and other problems were not followed up to solve.



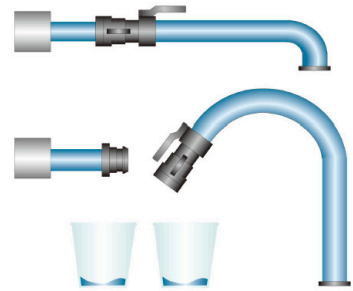
The usual open quick connector

A large amount of liquid is released when the joint is released.



Open quick joint with ball valve

There will still be when the joint and ball valve come off
More fluid leaks out.



Kai arm - dry quick connection

After disconnecting, it can almost completely eliminate the pipe line Possibility of spillover of residual liquid.

PRODUCT INTERPRETATION

