

## Cam and Groove Style Dry Disconnect D2C Couplings

### Application:

Dry disconnects help prevent spillage from normal or accidental disconnection of the connection. D2C series couplings are similar to the DBC series as shown on page 23, except the D2C do not have an internal seal cylinder, therefore the couplings do not automatically close. The D2C couplers are suited to vapour recovery, suction pump and applications where it is necessary to easily drain the hose or piping for cleaning. They can also be used when product retention in hose or pipe is desired, but environmental damage from an open coupling is not a threat.

### Standards:

Use with Dixon Bayco DBA series adapters. Manufactured to interchange with other cam and groove type dry disconnect couplings.

### Materials:

316 Stainless steel bodies with Buna\*, FKM\*, FKM-B\*, PTFE encapsulated silicone\*, EPT (EPDM)\*, Kalrez®, PTFE encapsulated FKM seals, see part number chart for full seal selection. Contact Dixon™ at 800-355-1991 for working pressures at temperatures other than 21°C (70°F) and for chemical compatibility, size, and material selection.

### Features & Benefits:

- Helps eliminate the possibility of costly spills
- Compatible with most other brands of cam and groove style dry disconnects
- Special configurations can be designed for your application
- Female NPT
- Couplers below are used with the DBA adapters shown on page 69
- Use standard cam and groove dust plugs, sized one size larger than the dry disconnect size, see chart below for dust plug size selection
- Stainless steel valve handle locking kit included on valve handle
- EZ Boss-lock automatic locking cam arms provide added security from accidental opening due to cam arms getting snagged or vibration. Very easy to use, just close the arms and they lock, to open simply lift the lever (possible even with gloves on).



D2C71-150



D2C71-200

\* Dependent upon part #, see part number list below for more details.

### STAINLESS STEEL FEMALE NPT COUPLERS

PART NO.	FEMALE	COUPLER SIZE	SEAL MATERIAL	MAX PSI @ 21°C (70°F)
D2C71-150	1½"	2"	Buna	210
D2C71-200	2"	2½"	Buna	150
D2C72-150	1½"	2"	FKM	210
D2C72-200	2"	2½"	FKM	150
D2C73-150	1½"	2"	PTFE Encapsulated Silicone	210
D2C73-200	2"	2½"	PTFE Encapsulated Silicone	150
D2C74-150	1½"	2"	EPT (EPDM)	210
D2C74-200	2"	2½"	EPT (EPDM)	150

See page 115 for repair kits and replacement parts.

Product instruction sheets and technical data can be viewed on our website at [dixoneurope.co.uk](http://dixoneurope.co.uk)

# Tanker Couplings

## Adapters

- Two-piece adapter design for easy rebuilding of adapters
- Fully interchangeable with Kamvalok (OPW trademark) style fittings
- Aluminium fittings have aluminium nose piece and brass piston
- For pressure ratings at other temperatures, contact the factory



1½" and 2" adapter



3" adapter

ADAPTER X FEMALE NPT					
ALUMINIUM PART NO.	STAINLESS STEEL* PART NO.	FEMALE NPT	ADAPTER SIZE	SEAL MATERIAL	MAX. PSI AT 70°C
DBA11-150	DBA71-150	2"	2"	Buna	210
DBA11-200	DBA71-200	2½"	2½"		150
DBA11-300	DBA71-300	4"	4"		120
DBA12-150	DBA72-150	2"	2"	Viton®	210
DBA12-200	DBA72-200	2½"	2½"		150
DBA12-300	DBA72-300	4"	4"		120
DBA63-150	DBA73-150	2"	2"	PTFE Encapsulated Silicone	210
DBA63-200	DBA73-200	2½"	2½"		150
DBA63-300	DBA73-300	4"	4"	120	
DBA64-150	DBA74-150	2"	2"	EPT	210
DBA64-200	DBA74-200	2½"	2½"		150
DBA64-300	DBA74-300	4"	4"	120	
DBA66-150	DBA76-150	2"	2"	Kalrez®	210
DBA66-200	DBA76-200	2½"	2½"		150
DBA66-300	DBA76-300	4"	4"	PTFE Encapsulated Viton® Viton® B	120
---	DBA77-150	2"	2"		210
---	DBA77-200	2½"	2½"		150
---	DBA77-300	4"	4"	120	
DBA69-300	---	4"	4"		120

JUMP SIZE ADAPTER X FEMALE NPT				
ALUMINIUM PART NO.	FEMALE NPT	ADAPTER SIZE	SEAL MATERIAL	MAX. PSI AT 70°C
DBA11-1520	2"	2"	Buna	150
DBA12-1520	2"	2"	Viton®	150

\* Stainless steel corrosion resistance is comparable to 304 stainless steel



ADAPTER X 150# ASA FLANGE				
STAINLESS STEEL* PART NO.	FLANGE SIZE	ADAPTER SIZE	SEAL MATERIAL	MAX. PSI AT 70°C
DBAF72-1520	2"	2"	Viton®	150
DBAF73-1520	2"	2"	PTFE Encapsulated Silicone	150
DBAF74-1520	2"	2"		EPT
DBAF76-1520	2"	2"	Kalrez®	150
DBAF72-200	2"	2"	Viton®	150
DBAF73-200	2"	2"	PTFE Encapsulated Silicone	150
DBAF74-200	2"	2½"		EPT
DBAF76-200	2"	2½"	Kalrez®	150
DBAF72-300	2"	2½"	Viton®	150
DBAF73-300	3"	4"	PTFE Encapsulated Silicone	120
DBAF74-300	3"	4"		EPT
DBAF76-300	3"	4"	Kalrez®	120

\* Stainless steel corrosion resistance is comparable to 304 stainless steel



VAPOUR ADAPTER X FEMALE THREAD				
STAINLESS STEEL* PART NO.	FEMALE NPSM	ADAPTER SIZE	SEAL MATERIAL	MAX. PSI AT 70°C
DBAV73-2030	2"	3"	PTFE	150

\* Stainless steel corrosion resistance is comparable to 304 stainless steel