

Dry Break Cam and Groove Dry Disconnect Couplings

Compatible with most cam and groove style dry disconnects. The Bayco dry disconnect helps prevent spillage from normal or accidental disconnects. A spring loaded sealing device is designed to snap closed should the valve become disconnected with the poppet open, significantly limiting liquid loss.

Our dry disconnect couplings are available in a wide range of sizes, metals, and seal materials. Please refer to our product description cross-reference chart for details. Special configurations can be designed for your application.

Couplers

- Dry disconnect coupler has automatic closing poppet assembly
- Heavy duty stainless steel crank and link provide long service life
- Stainless steel handle allows product exposure to corrosive chemicals or washdown service
- Strong handle attachment prevents bending of crank assembly
- Fully interchangeable with Kamvalok (OPW trademark) style fittings
- Aluminium fittings have stainless steel internals*
- For pressure ratings at other temperatures, contact the factory
- Dixon EZ Boss-Lock cam arms provide high security from accidental opening due to vibration or snagging on 1½" and 2" fittings
- Large paddle type cam arms allow for an easy grip on 3" fittings

SAFETY ALERT

Must be used with a DBA style adapter for coupler to operate.
Adapter sold separately.



1½" and 2" coupler x female NPT



1½" and 2" coupler x female NPT

COUPLER x FEMALE NPT

ALUMINIUM PART NO.	STAINLESS STEEL* PART NO.	FEMALE NPT	COUPLER SIZE	SEAL MATERIAL	MAX. PSI AT 70°C
DBC61-150	DBC71-150	1½"	2"	Buna	210
DBC61-200	DBC71-200	2"	2½"		150
DBC61-300	DBC71-300	3"	4"		120
DBC62-150	DBC72-150	1½"	2"	Viton®	210
DBC62-200	DBC72-200	2"	2½"		150
DBC62-300	DBC72-300	3"	4"		120
DBC63-150	DBC73-150	1½"	2"	PTFE Encapsulated Silicone & Kalrez®	210
DBC63-200	DBC73-200	2"	2½"		150
DBC63-300	DBC73-300	3"	4"		120
DBC64-150	DBC74-150	1½"	2"	EPT	210
DBC64-200	DBC74-200	2"	2½"		150
DBC64-300	DBC74-300	3"	4"		120
---	DBC76-150	1½"	2"	Kalrez® and PTFE**	210
DBC66-200	DBC76-200	2"	2½"		150
---	DBC76-300	3"	4"		120
---	DBC77-150	1½"	2"	PTFE Encapsulated Viton® & Kalrez®	210
---	DBC77-200	2"	2½"		150
---	DBC77-300	3"	4"		120
DBC69-300	DBC79-300	3"	4"	Viton® B	150
					120

GREASELESS COUPLER x FEMALE NPT

STAINLESS STEEL* PART NO.	FEMALE NPT	COUPLER SIZE	SEAL MATERIAL	MAX. PSI AT 70°C
DBC77-150-GL	1½"	2"	PTFE Encapsulated Viton® & Kalrez®	210
DBC77-200-GL	2"	2½"	PTFE Encapsulated Viton® & Kalrez®	150

* Stainless steel corrosion resistance is comparable to 304 stainless steel

**Kalrez® gasket, main seal O-ring and handle O-ring. PTFE seals on cylinder assembly, stuffing box, and seal under poppet screw.

Tanker Couplings



COUPLER x 90° SWIVEL FEMALE NPT				
ALUMINIUM PART NO.	FEMALE NPT	COUPLER SIZE	SEAL MATERIAL	MAX. PSI AT 70°C
DBS61-200	2"	2½"	Buna	150
DBS62-200	2"	2½"	Viton®	150
DBS63-200	2"	2½"	PTFE Encapsulated Silicone & Kalrez®	150

Dust Plug for Couplers



DUST PLUG FOR COUPLERS		
ALUMINIUM PART NO.	STAINLESS STEEL* PART NO.	SIZE
200-DP-AL	200-DP-SS	2"
250-DP-AL	250-DP-SS	2½"
400-DP-AL	400-DP-SS	4"

* Stainless steel corrosion resistance is comparable to 304 stainless steel

Locking Kit for Couplers



LOCKING KIT FOR COUPLERS	
ALUMINIUM PART NO.	DESCRIPTION
DBCL-200	for use with 1½" and 2" dry disconnect couplers
DBCL-300	