

Dry Break Cam and Groove Dry Disconnect Couplings Couplers

B
Dry
Disconnect

- Dixon EZ Boss-Lock cam arms provide high security from accidental opening due to vibration or snagging
- heavy duty stainless steel crank and link provide long service life
- dry disconnect coupler has automatic closing poppet assembly
- 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
- aluminum fittings have stainless steel¹ internals
- for pressure ratings at other temperatures, contact the factory

SAFETY

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

¹ stainless steel corrosion resistance is comparable to 304 stainless steel

² Chemraz[®] gasket, main seal O-ring and handle O-ring. Teflon[®] seals on cylinder assembly, stuffing box, and seal under poppet screw.

Coupler x Female NPT



1 1/2" and 2" coupler x female NPT



3" coupler x female NPT

Female NPT Size	Seal Material	Max. PSI at 70°	Aluminum		Stainless Steel ¹	
			Part #	Price/E	Part #	Price/E
1 1/2"	Buna	210	DBC61-150	\$682.00	DBC71-150	\$1588.55
2"	Buna	150	DBC61-200	718.15	DBC71-200	1765.10
3"	Buna	120	DBC61-300	1496.05	DBC71-300	POR
1 1/2"	Viton [®]	210	DBC62-150	740.25	DBC72-150	1646.60
2"	Viton [®]	150	DBC62-200	804.70	DBC72-200	1858.05
3"	Viton [®]	120	DBC62-300	1669.85	DBC72-300	POR
1 1/2"	Teflon [®] Encapsulated Silicone & Kalrez [®]	210	DBC63-150	1679.75	---	---
2"	Teflon [®] Encapsulated Silicone & Kalrez [®]	150	DBC63-200	1925.10	---	---
3"	Teflon [®] Encapsulated Silicone & Kalrez [®]	120	DBC63-300	3118.95	---	---
1 1/2"	Teflon [®] Encapsulated Silicone & Chemraz [®]	210	---	---	DBC73-150	2307.50
2"	Teflon [®] Encapsulated Silicone & Chemraz [®]	150	---	---	DBC73-200	2651.80
3"	Teflon [®] Encapsulated Silicone & Chemraz [®]	120	---	---	DBC73-300	POR
1 1/2"	EPT	210	DBC64-150	1064.15	DBC74-150	1646.60
2"	EPT	150	DBC64-200	1180.80	DBC74-200	1861.90
3"	EPT	120	DBC64-300	1935.40	DBC74-300	POR
1 1/2"	Chemraz [®] and Teflon [®] ³	210	---	---	DBC76-150	4941.95
2"	Chemraz [®] and Teflon [®] ³	150	DBC66-200	4451.65	DBC76-200	5359.50
3"	Chemraz [®] and Teflon [®] ³	120	---	---	DBC76-300	POR
1 1/2"	Teflon [®] Encapsulated Viton [®] & Chemraz [®]	210	---	---	DBC77-150	2365.50
2"	Teflon [®] Encapsulated Viton [®] & Chemraz [®]	150	---	---	DBC77-200	2630.25
3"	Teflon [®] Encapsulated Viton [®] & Chemraz [®]	120	---	---	DBC77-300	POR
3"	Viton [®] B	120	DBC69-300	2036.05	DBC79-300	POR

greaseless coupler x female NPT

Female NPT Size	Seal Material	Max. PSI at 70°	Stainless Steel ¹	
			Part #	Price/E
1 1/2"	Teflon [®] Encapsulated Viton [®] & Chemraz [®]	210	DBC77-150-GL	\$2544.20
2"	Teflon [®] Encapsulated Viton [®] & Chemraz [®]	150	DBC77-200-GL	2806.80

coupler x 90° swivel female NPT



Female NPT Size	Seal Material	Max. PSI at 70°	Aluminum	
			Part #	Price/E
2"	Buna	150	DBS61-200	\$871.05
2"	Viton [®]	150	DBS62-200	1003.85
2"	Teflon [®] Encapsulated Silicone & Kalrez [®]	150	DBS63-200	POR

Locking Kit for Couplers



Description	Aluminum	
	Part #	Price/E
for use with 1 1/2" and 2" dry disconnect couplers	DBCL-200	\$160.70

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. It has a spring loaded sealing device 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. Contact the factory at 800-355-1991 for chemical compatibility, size, and material selection. Special configurations can be designed for your application.

Adapters

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

¹ stainless steel corrosion resistance is comparable to 304 stainless steel

adapter x female NPT

Female NPT Size	Seal Material	Max. PSI at 70°	Aluminum		Stainless Steel ¹	
			Part #	Price/E	Part #	Price/E
1½"	Buna	210	<i>DBA11-150</i>	\$181.15	<i>DBA71-150</i>	\$475.15
2"	Buna	150	<i>DBA11-200</i>	196.35	<i>DBA71-200</i>	618.90
3"	Buna	120	<i>DBA11-300</i>	399.90	<i>DBA71-300</i>	POR
1½"	Viton®	210	<i>DBA12-150</i>	184.95	<i>DBA72-150</i>	472.15
2"	Viton®	150	<i>DBA12-200</i>	202.10	<i>DBA72-200</i>	606.90
3"	Viton®	120	<i>DBA12-300</i>	414.50	<i>DBA72-300</i>	POR
1½"	Teflon® Encapsulated Silicone	210	<i>DBA63-150</i>	251.60	<i>DBA73-150</i>	477.25
2"	Teflon® Encapsulated Silicone	150	<i>DBA63-200</i>	289.75	<i>DBA73-200</i>	610.80
3"	Teflon® Encapsulated Silicone	120	<i>DBA63-300</i>	599.50	<i>DBA73-300</i>	POR
1½"	EPT	210	<i>DBA64-150</i>	232.55	<i>DBA74-150</i>	485.45
2"	EPT	150	<i>DBA64-200</i>	264.95	<i>DBA74-200</i>	495.55
3"	EPT	120	<i>DBA64-300</i>	514.65	<i>DBA74-300</i>	POR
1½"	Chemraz®	210	<i>DBA66-150</i>	775.65	<i>DBA76-150</i>	1040.05
2"	Chemraz®	150	<i>DBA66-200</i>	954.80	<i>DBA76-200</i>	1113.45
3"	Chemraz®	120	<i>DBA66-300</i>	1657.20	<i>DBA76-300</i>	POR
1½"	Teflon® Encapsulated Viton®	210	---	---	<i>DBA77-150</i>	525.15
2"	Teflon® Encapsulated Viton®	150	---	---	<i>DBA77-200</i>	637.30
3"	Teflon® Encapsulated Viton®	120	<i>DBA69-300</i>	605.50	<i>DBA77-300</i>	POR



1½" and 2" adapter

3" adapter

vapor adapter x female thread

Adapter Size	Female thread Size	Seal Material	Max. PSI at 70°	Stainless Steel ¹	
				Part #	Price/E
2"	3"	Teflon®	150	<i>DBAV73-2030</i>	\$646.05

