

Dry Disconnects

Cam and Groove Style Dry Disconnect Couplings

Application:	Dry disconnects help prevent spillage from normal or accidental disconnection of the connection. A spring loaded sealing device is designed to snap closed should the valve become disconnected with the poppet open, significantly limiting liquid loss.
Standards:	Manufactured to interchange with other cam and groove type dry disconnect couplings. Canadian registration number CRN #OH14044 all provinces, 3" size rated to 80 PSI for CRN required applications.
Materials:	Zinc, aluminum or stainless steel bodies with buna ¹ , FKM ¹ , FKM-B ¹ , PTFE encapsulated silicone ¹ , EPT (EPDM) ¹ , FFKM, PTFE encapsulated FKM and PTFE seals, see part number chart for full seal selection. Contact Dixon® at 877-963-4966 for working pressures at temperatures other than 70°F (21°C) and for chemical compatibility, size and material selection. Stainless steel corrosion resistance is equivalent to 304 stainless steel
Features & Benefits:	<ul style="list-style-type: none"> • 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 or 150# flanged connections <p>DBA Adapters</p> <ul style="list-style-type: none"> • Two-piece adapter design for easy rebuilding of adapters • Stainless steel parts have a stainless steel piston. • Adapters below are used with the DBC or D2C couplers shown on pages 36 and 37. • Use standard cam and groove dust caps sized one size larger than the dry disconnect size, see chart below for dust cap size selection. <p>DBC Couplers</p> <ul style="list-style-type: none"> • Large paddle type locking cam arms standard on 3" fittings, allow for an easy grip • DBC series have automatic closing poppet assembly. • Heavy duty stainless steel crank and link provide long service life. • Stainless steel handle assembly allows exposure to corrosive chemicals or wash down service. • Strong handle attachment prevents bending of crank assembly. • Aluminum couplers have stainless steel internal parts. • EZ Boss-Lock™ cam arms standard on all 1½" and 2" fittings, provide high security from accidental opening due to vibration or snagging. Very easy to use, just close the arms and they lock, to open simply lift the lever (possible even with gloves on).

¹ Dependent upon part #, see part number list below for more details



DBA71-200



DBA11-300

Female NPT Adapters

Female NPT Size	Adapter Size	Seal Material	Max PSI @ 70°F (21°C)	Aluminum Part #	Zinc/Aluminum Part #	Competitor Part #	Stainless Steel Part # ²	Competitor Part #
1½"	2"	Buna	210	---	DBA11-150	1611AN-AL15	DBA71-150	1671AN-SS15
2"	2½"	Buna	150	DBA61-200	DBA11-200	1611AN-AL20	DBA71-200	1671AN-SS20
3"	4"	Buna	120	---	DBA11-300	1611AN-AL30	DBA71-300	1671AN-SS30
1½"	2"	FKM	210	---	DBA12-150	1612AN-AL15	DBA72-150	1672AN-SS15
2"	2½"	FKM	150	DBA62-200	DBA12-200	1612AN-AL20	DBA72-200	1672AN-SS20
3"	4"	FKM	120	---	DBA12-300	1612AN-AL30	DBA72-300	1672AN-SS30
1½"	2"	PTFE encapsulated silicone	210	DBA63-150	---	1613AN-AL15	DBA73-150	1673AN-SS15
2"	2½"	PTFE encapsulated silicone	150	DBA63-200	---	1613AN-AL20	DBA73-200	1673AN-SS20
3"	4"	PTFE encapsulated silicone	120	DBA63-300	---	1613AN-AL30	DBA73-300	1673AN-SS30
1½"	2"	EPDM	210	DBA64-150	---	1614AN-AL15	DBA74-150	1674AN-SS15
2"	2½"	EPDM	150	DBA64-200	---	1614AN-AL20	DBA74-200	1674AN-SS20
3"	4"	EPDM	120	DBA64-300	---	1614AN-AL30	DBA74-300	1674AN-SS30
1½"	2"	FFKM	210	DBA66-150	---	1616AN-AL15	DBA76-150	1676AN-SS15
2"	2½"	FFKM	150	DBA66-200	---	1616AN-AL20	DBA76-200	1676AN-SS20
3"	4"	FFKM	120	DBA66-300	---	1616AN-AL30	DBA76-300	1676AN-SS30
1½"	2"	PTFE encapsulated FKM	210	DBA67-150	---	1617AN-AL15	DBA77-150	1677AN-SS15
2"	2½"	PTFE encapsulated FKM	150	DBA67-200	---	1617AN-AL20	DBA77-200	1677AN-SS20
3"	4"	PTFE encapsulated FKM	120	DBA67-300	---	1617AN-AL30	DBA77-300	1677AN-SS30
2"	2½"	FKM-GFLT	150	---	---	---	DBA78-200	---
3"	4"	FKM-B	120	DBA69-300	---	1619AN-AL30	DBA79-300	1679AN-SS30

² Stainless steel corrosion resistance is comparable to 304 stainless steel.

See pages 108 and 109 for repair kits and replacement parts
 Product instruction sheets and technical data can be viewed on our website at dixonvalve.com