oleum	lucts
Petr	Prod

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:	 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 DBA Adapters 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. DBC Couplers 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

Female NPT Adapters



Adapter Size	Seal Material	Max PSI @ 70°F (21°C)	Aluminum Part #	Zinc/Aluminum Part #	Competitor Part #	Stainless Steel Part # 2	Competitor Part #
2"	Buna	210		DBA11-150	1611AN-AL15	DBA71-150	1671AN-SS15
21/2"	Buna	150	DBA61-200	DBA11-200	1611AN-AL20	DBA71-200	1671AN-SS20
4"	Buna	120		DBA11-300	1611AN-AL30	DBA71-300	1671AN-SS30
2"	FKM	210		DBA12-150	1612AN-AL15	DBA72-150	1672AN-SS15
21⁄2"	FKM	150	DBA62-200	DBA12-200	1612AN-AL20	DBA72-200	1672AN-SS20
4"	FKM	120		DBA12-300	1612AN-AL30	DBA72-300	1672AN-SS30
2"	PTFE encapsulated silicone	210	DBA63-150		1613AN-AL15	DBA73-150	1673AN-SS15
21/2"	PTFE encapsulated silicone	150	DBA63-200		1613AN-AL20	DBA73-200	1673AN-SS20
4"	PTFE encapsulated silicone	120	DBA63-300		1613AN-AL30	DBA73-300	1673AN-SS30
2"	EPDM	210	DBA64-150		1614AN-AL15	DBA74-150	1674AN-SS15
21/2"	EPDM	150	DBA64-200		1614AN-AL20	DBA74-200	1674AN-SS20
4"	EPDM	120	DBA64-300		1614AN-AL30	DBA74-300	1674AN-SS30
2"	FFKM	210	DBA66-150		1616AN-AL15	DBA76-150	1676AN-SS15
21/2"	FFKM	150	DBA66-200		1616AN-AL20	DBA76-200	1676AN-SS20
4"	FFKM	120	DBA66-300		1616AN-AL30	DBA76-300	1676AN-SS30
2"	PTFE encapsulated FKM	210	DBA67-150		1617AN-AL15	DBA77-150	1677AN-SS15
2½"	PTFE encapsulated FKM	150	DBA67-200		1617AN-AL20	DBA77-200	1677AN-SS20
4"	PTFE encapsulated FKM	120	DBA67-300		1617AN-AL30	DBA77-300	1677AN-SS30
21/2"	FKM-GFLT	150				DBA78-200	
4"	FKM-B	120	DBA69-300		1619AN-AL30	DBA79-300	1679AN-SS30
	2" 2 ¹ / ₂ " 4" 2 ¹ / ₂ "	2"Buna2"/2"Buna4"Buna2"FKM2"FKM2"/2"FKM4"FKM2"PTFE encapsulated silicone2'/2"PTFE encapsulated silicone2"/2"PTFE encapsulated silicone2"/2"EPDM2'/2"EPDM2'/2"FFKM2'/2"FFKM2"/2"FFKM2'/2"PTFE encapsulated FKM2'/2"PTFE encapsulated FKM2'/2"PTFE encapsulated FKM2'/2"PTFE encapsulated FKM2'/2"FFKM-GFLT	Adapter Size Sear Material 70°F (21°Č) 2" Buna 150 2"/2" Buna 150 4" Buna 120 2" FKM 210 2" FKM 210 2" FKM 120 2" FKM 150 4" FKM 150 4" FKM 120 2"/2" FKM 120 2" PTFE encapsulated silicone 210 2"/2" PTFE encapsulated silicone 120 2" EPDM 210 2"/2" EPDM 150 4" EPDM 120 2"/2" FFKM 120 2"/2" FFKM 120 2"/2" FFKM 120 2"/2" PTFE encapsulated FKM 120 2"/2" PTFE encapsulated FKM 150 4" PTFE encapsulated FKM 120 2"/2" PTFE encapsulated FKM 120 </td <td>Adapter Size Sear Material 70°F (21°C) Part # 2" Buna 210 2½" Buna 150 DBA61-200 4" Buna 120 2" FKM 210 2" FKM 210 2" FKM 120 2"/2" FKM 150 DBA62-200 4" FKM 120 2"/2" FKM 120 2"/2" PTFE encapsulated silicone 210 DBA63-150 2½" PTFE encapsulated silicone 120 DBA63-300 2" EPDM 210 DBA64-200 4" EPDM 150 DBA64-300 2"/2" FFKM 120 DBA66-150 2½" FFKM 150 DBA66-200 4" FFKM 120 DBA66-300 2"/2" PTFE encapsulated FKM 210 DBA67-200 <td< td=""><td>Adapter Size Sear Material 70°F (21°C) Part # Part # 2" Buna 210 DBA11-150 2½" Buna 150 DBA61-200 DBA11-200 4" Buna 120 DBA11-300 2" FKM 210 DBA12-150 2½" FKM 120 DBA12-200 4" FKM 150 DBA62-200 DBA12-200 4" FKM 120 DBA12-300 2"/2" FKM 120 DBA12-300 2"/2" PTFE encapsulated silicone 210 DBA63-150 2"/2" PTFE encapsulated silicone 120 DBA63-300 2"/2" PTFE encapsulated silicone 120 DBA64-150 2"/2" EPDM 210 DBA64-150 2"/2" FFKM 150 DBA66-150 2"/2" FFKM 120 DBA66-300</td><td>Adaptet Size Sear Material 70°F (21°Č) Part # Part # Part # 2" Buna 210 DBA11-150 1611AN-AL15 2½" Buna 150 DBA61-200 DBA11-300 1611AN-AL20 4" Buna 120 DBA11-300 1611AN-AL20 2" FKM 210 DBA12-00 1612AN-AL30 2" FKM 150 DBA62-200 DBA12-300 1612AN-AL30 2"/2" FKM 120 DBA12-300 1612AN-AL20 4" FKM 120 DBA12-300 1612AN-AL30 2"/2" FKM 120 DBA63-150 1613AN-AL20 4" PTFE encapsulated silicone 150 DBA63-300 1613AN-AL20 4" PTFE encapsulated silicone 120 DBA64-150 1614AN-AL15 2½" EPDM 210 DBA64-150 1614AN-AL20 4" EPDM</td><td>Adapter Size Sear Midtenant 70°F (21°Č) Part # Part #</td></td<></td>	Adapter Size Sear Material 70°F (21°C) Part # 2" Buna 210 2½" Buna 150 DBA61-200 4" Buna 120 2" FKM 210 2" FKM 210 2" FKM 120 2"/2" FKM 150 DBA62-200 4" FKM 120 2"/2" FKM 120 2"/2" PTFE encapsulated silicone 210 DBA63-150 2½" PTFE encapsulated silicone 120 DBA63-300 2" EPDM 210 DBA64-200 4" EPDM 150 DBA64-300 2"/2" FFKM 120 DBA66-150 2½" FFKM 150 DBA66-200 4" FFKM 120 DBA66-300 2"/2" PTFE encapsulated FKM 210 DBA67-200 <td< td=""><td>Adapter Size Sear Material 70°F (21°C) Part # Part # 2" Buna 210 DBA11-150 2½" Buna 150 DBA61-200 DBA11-200 4" Buna 120 DBA11-300 2" FKM 210 DBA12-150 2½" FKM 120 DBA12-200 4" FKM 150 DBA62-200 DBA12-200 4" FKM 120 DBA12-300 2"/2" FKM 120 DBA12-300 2"/2" PTFE encapsulated silicone 210 DBA63-150 2"/2" PTFE encapsulated silicone 120 DBA63-300 2"/2" PTFE encapsulated silicone 120 DBA64-150 2"/2" EPDM 210 DBA64-150 2"/2" FFKM 150 DBA66-150 2"/2" FFKM 120 DBA66-300</td><td>Adaptet Size Sear Material 70°F (21°Č) Part # Part # Part # 2" Buna 210 DBA11-150 1611AN-AL15 2½" Buna 150 DBA61-200 DBA11-300 1611AN-AL20 4" Buna 120 DBA11-300 1611AN-AL20 2" FKM 210 DBA12-00 1612AN-AL30 2" FKM 150 DBA62-200 DBA12-300 1612AN-AL30 2"/2" FKM 120 DBA12-300 1612AN-AL20 4" FKM 120 DBA12-300 1612AN-AL30 2"/2" FKM 120 DBA63-150 1613AN-AL20 4" PTFE encapsulated silicone 150 DBA63-300 1613AN-AL20 4" PTFE encapsulated silicone 120 DBA64-150 1614AN-AL15 2½" EPDM 210 DBA64-150 1614AN-AL20 4" EPDM</td><td>Adapter Size Sear Midtenant 70°F (21°Č) Part # Part #</td></td<>	Adapter Size Sear Material 70°F (21°C) Part # Part # 2" Buna 210 DBA11-150 2½" Buna 150 DBA61-200 DBA11-200 4" Buna 120 DBA11-300 2" FKM 210 DBA12-150 2½" FKM 120 DBA12-200 4" FKM 150 DBA62-200 DBA12-200 4" FKM 120 DBA12-300 2"/2" FKM 120 DBA12-300 2"/2" PTFE encapsulated silicone 210 DBA63-150 2"/2" PTFE encapsulated silicone 120 DBA63-300 2"/2" PTFE encapsulated silicone 120 DBA64-150 2"/2" EPDM 210 DBA64-150 2"/2" FFKM 150 DBA66-150 2"/2" FFKM 120 DBA66-300	Adaptet Size Sear Material 70°F (21°Č) Part # Part # Part # 2" Buna 210 DBA11-150 1611AN-AL15 2½" Buna 150 DBA61-200 DBA11-300 1611AN-AL20 4" Buna 120 DBA11-300 1611AN-AL20 2" FKM 210 DBA12-00 1612AN-AL30 2" FKM 150 DBA62-200 DBA12-300 1612AN-AL30 2"/2" FKM 120 DBA12-300 1612AN-AL20 4" FKM 120 DBA12-300 1612AN-AL30 2"/2" FKM 120 DBA63-150 1613AN-AL20 4" PTFE encapsulated silicone 150 DBA63-300 1613AN-AL20 4" PTFE encapsulated silicone 120 DBA64-150 1614AN-AL15 2½" EPDM 210 DBA64-150 1614AN-AL20 4" EPDM	Adapter Size Sear Midtenant 70°F (21°Č) Part # Part #

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