

OVERVIEW AND FEATURES

The Banjo DM220SS Series of dry quick disconnect fittings is designed to handle many of the industrial chemicals in use today with a minimum of fluid spillage. The easy to use ball valve design of the fittings allows an unrestricted path for fluid flow.

The handles interlock making it easy to identify which handle opens or closes first.

The Dry-Mate is constructed of 316 stainless steel for strength and excellent chemical resistance. The PTFE seats and FKM face seal on the female give the Dry-Mate the same chemical resistance as Banjo's standard line of ball valves. The face seal on the female is available in FKM, EPDM and PTFE. The male has all PTFE sealing components.

The over center clamps are easy, quick and positive engagement of the Dry-Mate components. The clamps are 316 stainless steel for maximum corrosion resistance. The clamps are easily replaceable if damaged.

The Female* has a groove that mates to a rib on the male to provide correct alignment during assembly with the Male**. The two halves may be rotated 10 degrees either direction with respect to each other and still be clamped together and function properly.

The DM220SS Series has many safety features to reduce the risk of accidental spillage. Both handles have interlock buttons, which prevent the handles from opening when the halves are separated and the handles are in the fully closed position. The Female also has a 316SS yoke which keeps the clamp arms in the locked position when the couplers are connected and the handle is in the fully open position. This prevents the couplers from being separated when the handles are in the fully open position. The gasket that seals between the two components is mechanically secured to ensure that the gasket stays in place when the halves are disconnected.

Both the Male and Female come standard with a dust cover to keep the balls and seals protected when not in use.

SPECIFICATIONS

Maximum Pressure 300 PSI @ 70° F Minimum Temperature -20°F @ 200 PSI Maximum Temperature 300° @ 200 PSI

PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL
DM220ASS	2" Male x FPT NPT with PTFE Seals	300	2"	2"
DM220ABSS	2" Male x FPT BSP with PTFE Seals	300	2"	2"
DM220DSS	2" Female x FPT NPT with PTFE and FKM Seals	300	2"	2"
DM220DBSS	2" Female x FPT BSP with PTFE and FKM Seals	300	2"	2"
DM220DSSE	2" Female x FPT NPT with PTFE and EPDM Seals	300	2"	2"
DM220DBSSTS	2" Female x FPT BSP with PTFE Seals	300	2"	2"
DM220DSST	2" Female x FPT NPT with PTFE and Kalrez® Seals	300	2"	2"
DM220DBSST	2" Female x FPT NPT with PTFE and Kalrez® Seals	300	2"	2"

*Female refers to DM220DSS variants. **Male refers to DM220ASS variants.



Dry Mate Dry Disconnects should be used, inspected, serviced and rebuilt only by persons who have been properly trained and instructed on their use, inspection, servicing and rebuilding.