

Bayloc™ Dry Disconnects

Coupler x Female NPT

A
Engineered Fluid Transfer Couplings
A

Features:

- automatic closing poppet assembly
- must be used with a DBA style adapter for coupler to operate, sold separately
- fully interchangeable with Kamvalok (OPW trademark) fittings
- maximum operating pressure at 70°F (21°C):
 - 1½" - 210 PSI
 - 2" - 150 PSI
 - 3" - 120 PSI
- aluminum fittings have stainless internals equivalent to 304 stainless
- stainless handle allows exposure to corrosive chemicals or wash down service
- heavy duty handle attachment prevents bending of crank assembly
- one piece stainless crank and link provide long service life
- EZ Boss-Lock™ cam arms, standard on all 1½" and 2" fittings, provide high security from accidental opening due to vibration or snagging
- large paddle type locking cam arms, standard on 3" fittings, allow for an easy grip
- optional coupler lock for handle to prevent unintentional opening



coupler x 1½" or 2" female NPT



coupler x 3" female NPT

| Female NPT | Coupler Size | Seal Material | Maximum PSI at 70°F (21°C) | Aluminum Part # | Stainless Steel ¹ Part # |
|------------|--------------|-----------------------------------|----------------------------|------------------|-------------------------------------|
| 1½" | 2" | Buna | 210 | DBC61-150 | DBC71-150 |
| 2" | 2½" | | 150 | DBC61-200 | DBC71-200 |
| 3" | 4" | | 120 | DBC61-300 | DBC71-300 |
| 1½" | 2" | FKM | 210 | DBC62-150 | DBC72-150 |
| 2" | 2½" | | 150 | DBC62-200 | DBC72-200 |
| 3" | 4" | | 120 | DBC62-300 | DBC72-300 |
| 1½" | 2" | PTFE Encapsulated Silicone & FFKM | 210 | DBC63-150 | DBC73-150 |
| 2" | 2½" | | 150 | DBC63-200 | DBC73-200 |
| 3" | 4" | | 120 | DBC63-300 | DBC73-300 |
| 1½" | 2" | EPDM | 210 | DBC64-150 | DBC74-150 |
| 2" | 2½" | | 150 | DBC64-200 | DBC74-200 |
| 3" | 4" | | 120 | DBC64-300 | DBC74-300 |
| 1½" | 2" | FFPM and PTFE ² | 210 | --- | DBC76-150 |
| 2" | 2½" | | 150 | DBC66-200 | DBC76-200 |
| 3" | 4" | | 120 | DBC66-300 | DBC76-300 |
| 1½" | 2" | PTFE Encapsulated FKM & FFKM | 210 | --- | DBC77-150 |
| 2" | 2½" | | 150 | --- | DBC77-200 |
| 3" | 4" | | 120 | --- | DBC77-300 |
| 3" | 4" | FKM-B | 120 | DBC69-300 | DBC79-300 |

Greaseless Coupler x Female NPT



| Female NPT | Coupler Size | Seal Material | Stainless Steel ¹ Part # |
|------------|--------------|------------------------------|-------------------------------------|
| 1½" | 2" | PTFE Encapsulated FKM & FFKM | DBC77-150-GL |
| 2" | 2½" | | DBC77-200-GL |

¹ stainless steel corrosion resistance is equivalent to 304 stainless steel

² FFKM gasket, main seal O-ring and handle O-ring, PTFE seals on cylinder assembly, stuffing box, and seal under poppet screw

Coupler x 90° Swivel Female NPT



| Female NPT | Coupler Size | Seal Material | Aluminum Part # |
|------------|--------------|-----------------------------------|------------------|
| 2" | 2½" | Buna FKM | DBS61-200 |
| 2" | 2½" | | DBS62-200 |
| 2" | 2½" | PTFE Encapsulated Silicone & FFKM | DBS63-200 |

Coupler Locking Kits



| Description | Aluminum Part # |
|---|-----------------|
| for use with 1½" and 2" dry disconnect couplers | DBCL-200 |
| for use with 3" dry disconnect couplers | DBCL-300 |

Note: Reference page 179 for dust plugs for couplers.