

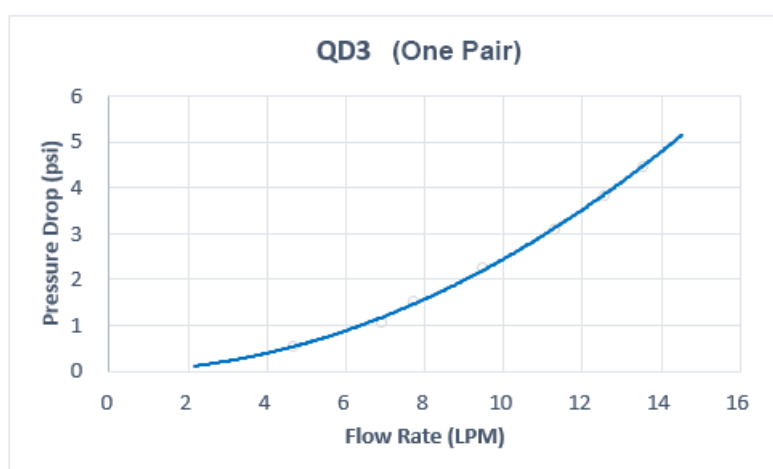
## QD3 Female Quick Disconnect No-Spill Coupling, Barb for ID 10mm (3/8in)

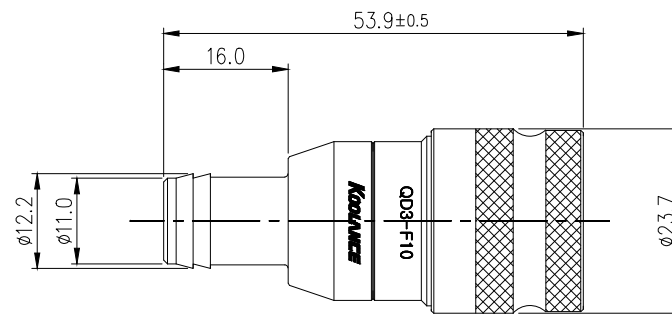


Koolance patented quick disconnect no-spill coupling with automatic shutoff. 10mm (3/8in) ID female barb fitting with spring clamp for 13mm (1/2in) OD. It will only fit a Koolance QD3 male quick disconnect.

After pulling the ring on the female QDC side, the quick-disconnect fittings will separate. Liquid on both sides will be automatically obstructed with approximately 0.2ml freed. Coolant volume lost upon disconnection will rise with internal pressure higher than 0.5kgf/cm<sup>2</sup> (7psi).

| General                                |  |
|--|--|
| Weight                                 | 0.20 lb (0.09 kg)                          |
| Max No-Spill Pressure                  | 0.5kgf/cm <sup>2</sup> (7psi)              |
| Max Pressure Tolerance @ 25° C         | 8kgf/cm <sup>2</sup> (113.8psi)            |
| Max Temperature Tolerance              | 80° C (176° F)                             |
| Min Pressure Tolerance @ 25° C         | -1.0kgf/cm <sup>2</sup> (-14psi)           |
| Min Storage Temperature (*No Freezing) | -20° C (-4° F)                             |
| Seal Material                          | EPDM (Water/Glycol Liquids)                |
| Wetted Materials                       | Nickel-Plated Brass, Stainless Steel, EPDM |





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|          |      |          |         |         |         |
|          |      |          |         |         |         |
| REV      | DATE | CONTENTS | REVD BY | CHKD BY | APPD BY |
| REVISION |      |          |         |         |         |

|                 |  |                |    |        |             |                   |         |          |          |         |
|-----------------|--|----------------|----|--------|-------------|-------------------|---------|----------|----------|---------|
| NO.             |  | DISCRIPTION    |    |        |             |                   | MATER'L |          | QUANTITY | REMARKS |
| <b>KOOLANCE</b> |  | DECIMAL PLACES |    | INCHES | MILLIMETRES | UNIT              | MM      | ITEM QD3 |          |         |
|                 |  | .XXX           |    | ±.005  | ±0.1        | SCALE             | N/S     | TITLE    |          |         |
|                 |  | .XX            |    | ±.010  | ±0.3        |                   |         |          |          |         |
|                 |  | .X             |    | ±.020  | ±0.5        | QD3-F10           |         |          |          |         |
| DATE            |  | BY             | BY | BY     | APPRO BY    | 3RD ANGLE         |         | DWG. NO. |          |         |
|                 |  |                |    |        |             | CODE NO.          |         | PAGE     |          |         |
|                 |  |                |    |        |             | SURFACE SURFACE   |         |          |          |         |
|                 |  |                |    |        |             | ROUGHNESS .63 1.6 |         |          |          |         |