www.koolance.com

Specifications Sheet

Generated: 2026-11-18

P/N: QD2-F06-P

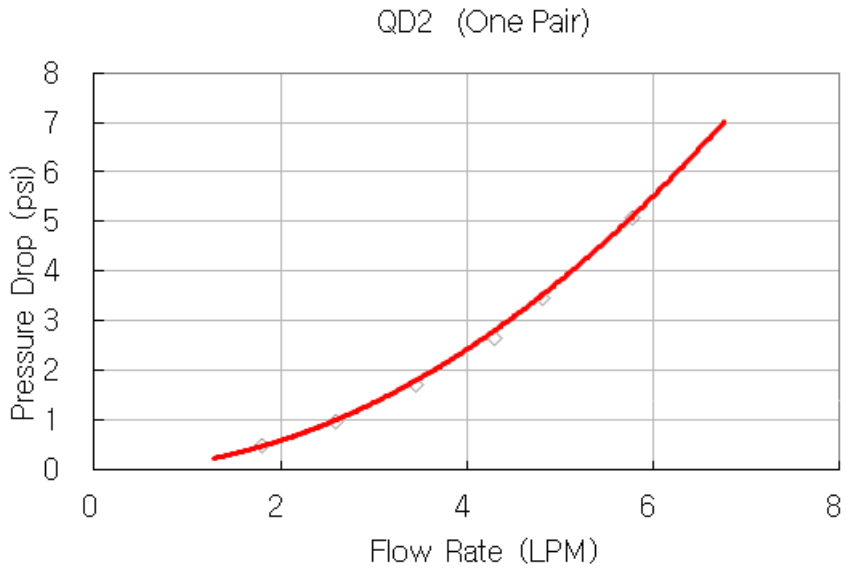
QD2 Female Quick Disconnect No-Spill Coupling, Panel Barb for 06mm (1/4in)

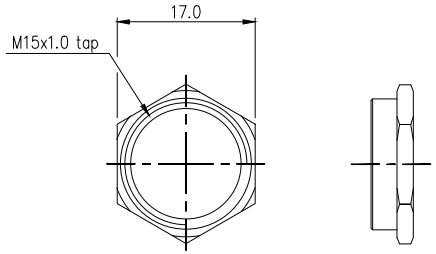


Koolance patented quick disconnect no-spill coupling with automatic shutoff. 6mm (1/4in) ID female panel-mountable barb fitting with spring clamp for 10mm (3/8in) OD. It will only fit a Koolance QD2 male quick disconnect.

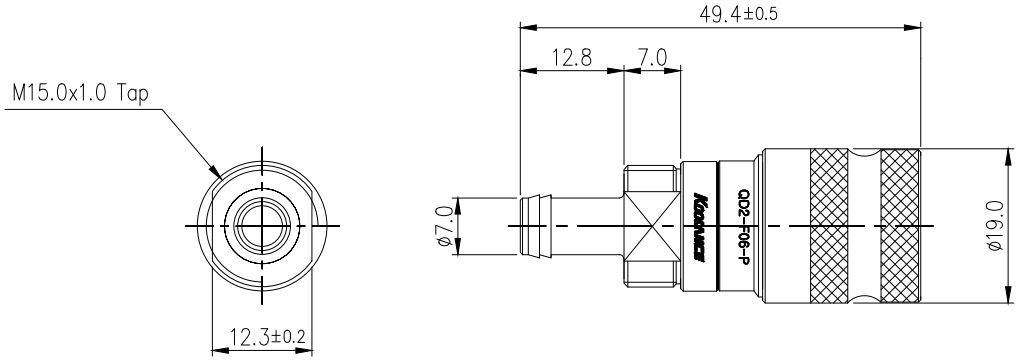
After pulling the ring on the female QDC side, the quick-disconnect fittings will separate. Liquid on both sides will be automatically obstructed with approximately 0.2ml freed. Coolant volume lost upon disconnection will rise with internal pressure higher than 0.5kgf/cm2 (7psi).

General	
Weight	0.13 lb (0.06 kg)
Max No-Spill Pressure	0.5kgf/cm2 (7psi)
Max Pressure Tolerance @ 25°C	8kgf/cm2 (113.8psi) connected, 5kgf/cm2 (71psi) disconnected
Max Temperature Tolerance	80°C (176°F)
Min Pressure Tolerance @ 25°C	-1.0kgf/cm2 (-14psi)
Min Storage Temperature (*No Freezing)	-20ºC (-4ºF)
Seal Material	EPDM (Water/Glycol Liquids)
Wetted Materials	Nickel-Plated Brass, Stainless Steel, EPDM





NUT



REV	DATE	CONTENTS	REVD BY	CHKD BY	APPD BY

REVISION

NO.	DISCRIPTION	MATER'L	QUANTITY	REMARKS

KOOLANCE INC.

	BY	BY	BY	APPRO BY
DATE				

DECIMAL PLACES	INCHES	MILLIMETRES
.XXX	±.005	±0.1
.XX	±.010	±0.3
.X	±.020	±0.5
ANGULAR DIMENSIONS		
XX°	±0.5°	
XX.X°	±0.1°	
SURFACE ROUGHNESS	SURFACE	SURFACE
	.63	1.6

UNIT	MM	ITEM	QD2
SCALE	N/S	TITLE	QD2-F06-P
3RD ANGLE			
CODE NO.		DWG. NO.	PAGE