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Specifications Sheet

Generated: 2026-11-12

P/N: QD3-M13

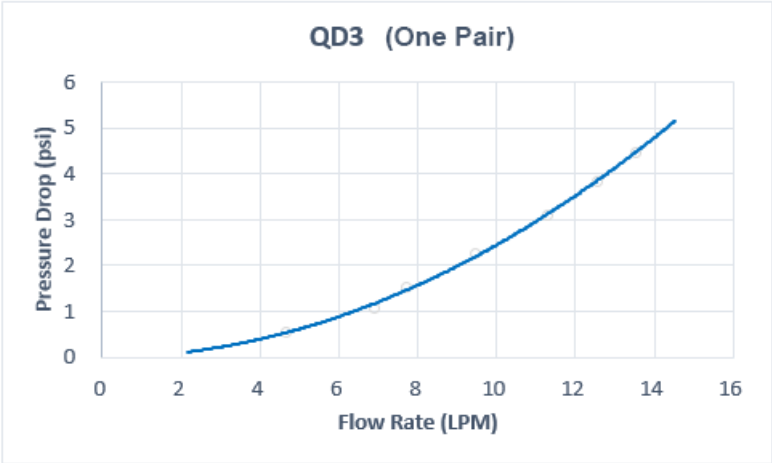
QD3 Male Quick Disconnect No-Spill Coupling, Barb for ID 13mm (1/2in)

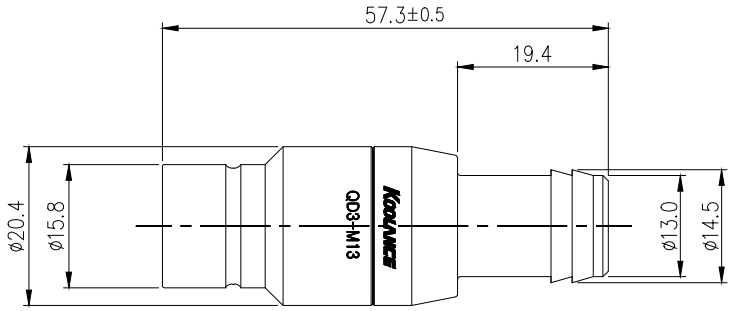


Koolance patented quick disconnect no-spill coupling with automatic shutoff. 13mm (1/2in) ID male barb fitting with spring clamp for 16mm (5/8in) OD. It will only fit a Koolance QD3 female quick disconnect.

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	0.14 lb (0.06 kg)
Max No-Spill Pressure	0.5kgf/cm2 (7psi)
Max Pressure Tolerance @ 25°C	8kgf/cm2 (113.8psi)
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	Brass, Nickel Plating, Stainless Steel, EPDM





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	QD3
SCALE	N/S	TITLE	QD3-M13
3RD ANGLE			
CODE NO.		DWG. NO.	PAGE