

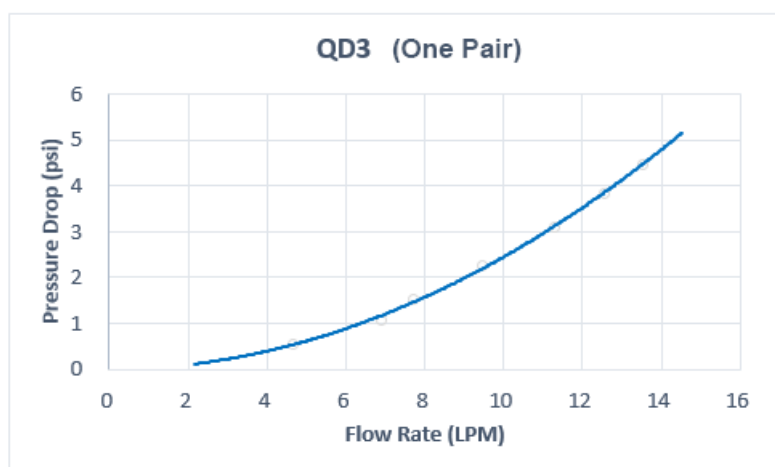
## QD3 Female Quick Disconnect No-Spill Coupling, Barb for ID 13mm (1/2in)

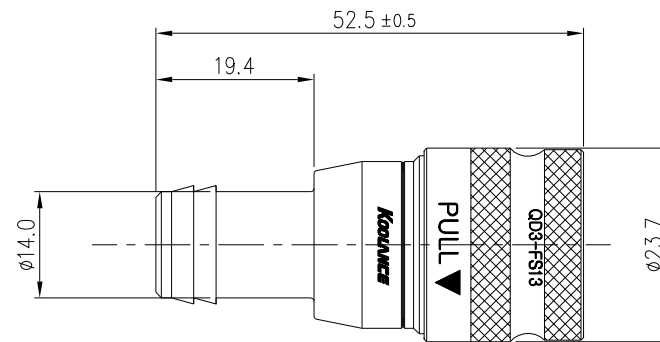


Koolance patented quick disconnect no-spill coupling with automatic shutoff. 13mm (1/2in) ID female hose barb with clamp for 16mm (5/8in) OD. It will only fit a Koolance QD3 male quick disconnect.

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	0.22 lb (0.10 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





REV	DATE	CONTENTS	REVD BY	CHKD BY	APPD BY	
REVISION						

NO.		DISCRIPTION					MATER'L		QUANTITY	REMARKS		
<b>KOOLANCE inc.</b>		APPRO			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-FS13						
DATE	BY	BY	BY	BY	ANGULAR DIMENSIONS			3RD ANGLE		DWG. NO.		PAGE
SONG					XX°	±0.5°						
					XX.X°	±0.1°						
					SURFACE ROUGHNESS	SURFACE	SURFACE					
						.63	1.6					