

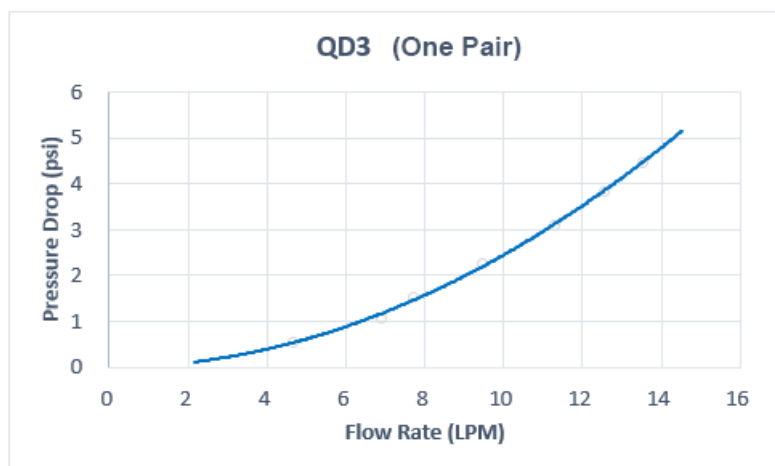
**QD3 Female Quick Disconnect No-Spill  
Coupling, Compression for 13mm x 19mm  
(1/2in x 3/4in)**

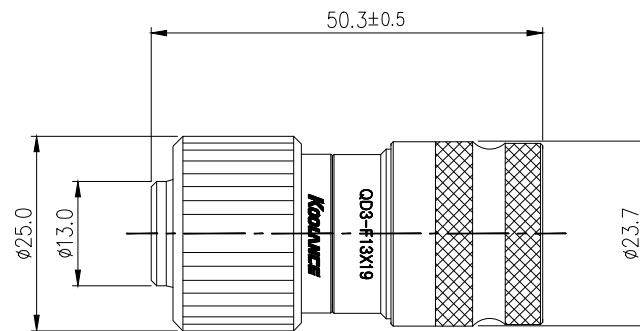


Koolance patented quick disconnect no-spill coupling with automatic shutoff. 13mm (1/2in) ID, 19mm (3/4in) OD female straight connection with compression fitting. It will only fit a Koolance QD3 male quick disconnect.

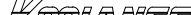
After pulling the ring on the female QDC side, the quick-disconnect fittings will separate. Liquid on both sides will be automatically obstructed with only 0.5-1mL freed with approximately 0.2ml freed. Coolant volume lost upon disconnection will rise with internal pressure higher than 0.5kgf/cm<sup>2</sup> (7psi).

General	
Weight	0.23 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	Brass, Nickel Plating, Stainless Steel, EPDM





REV	DATE	CONTENTS	REVD BY	CHKD BY	APPD BY	
REVISION						

NO.		DISCRPTION					MATER'L		QUANTITY		REMARKS	
		DECIMAL PLACES		INCHES		MILLIMETRES		UNIT	MM	ITEM	QD3  TITLE  QD3-F13X19	
		.XXX		±.005		±0.1						
		.XX		±.010		±0.3						
		.X		±.020		±0.5		SCALE	N/S			
		BY	BY	BY	APPRO	BY	3RD ANGLE					
DATE							CODE NO.			DWG. NO.		PAGE
							SURFACE					
							ROUGHNESS					
							.63					
							SURFACE					
							SURFACE					
							1.6					