

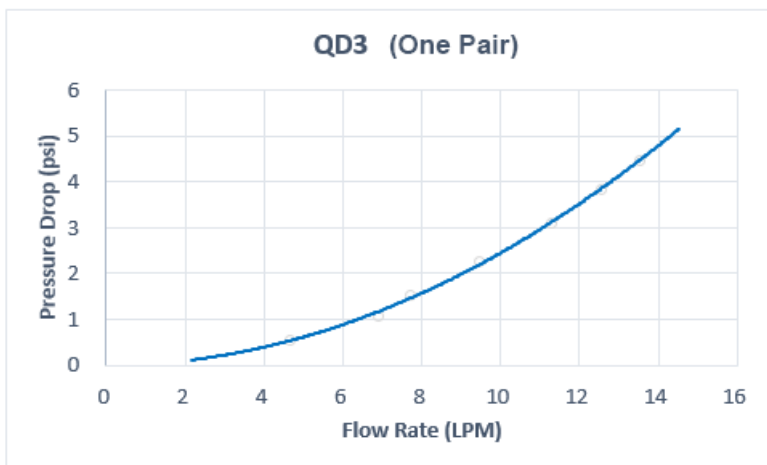
**QD3 Female Quick Disconnect No-Spill  
Coupling, Compression for 10mm x 16mm  
(3/8in x 5/8in)**

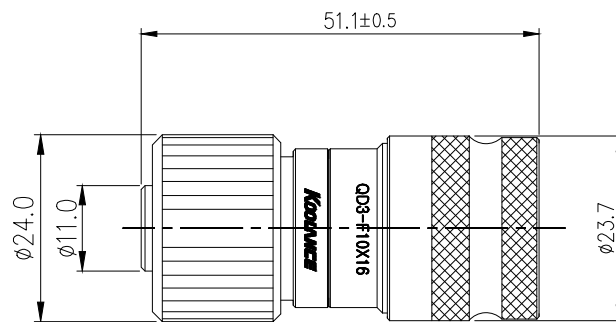


Koolance patented quick disconnect no-spill coupling with automatic shutoff. 10mm (3/8in) ID, 16mm (5/8in) OD female straight connection with compression fitting. It will only fit a Koolance QD3 male quick disconnect.

After pulling the ring on the female QDC side, the quick-disconnect fittings will separate. Liquid on both sides will be automatically obstructed with 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.		DISCRIPTION				MATER'L		QUANTITY	REMARKS	
		<b>KOOLANCE</b>				UNIT	MM	ITEM	QD3	
						SCALE	N/S	TITLE	QD3-F10X16	
DATE		BY	BY	BY	APPRO BY	ANGULAR DIMENSIONS		3RD ANGLE		
						XX°	±0.5°	CODE NO.	DWG. NO.	PAGE
						XX.X°	±0.1°			
						SURFACE ROUGHNESS	SURFACE			
							.63	1.6		