

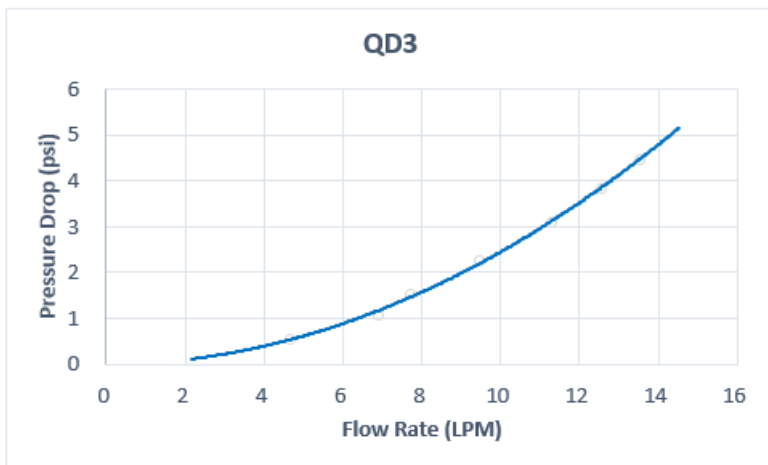
QD3 Female Quick Disconnect No-Spill Coupling, Male Threaded, 1/4 NPT

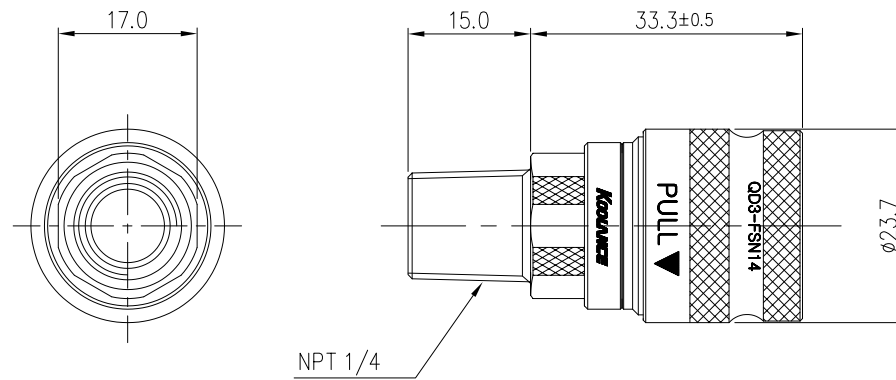


Koolance patented quick disconnect no-spill coupling with automatic shutoff. 1/4 NPT (tapered) threaded female fitting for screwing directly into a component of the same threading. It will only fit a Koolance QD3 male quick disconnect.

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/cm² (7psi).

General	
Weight	0.17 lb (0.08 kg)
Fitting Thread	NPT 1/4
Max No-Spill Pressure	0.5kgf/cm ² (7psi)
Max Pressure Tolerance @ 25° C	8kgf/cm ² (113.8psi)
Max Temperature Tolerance	80° C (176° F)
Min Pressure Tolerance @ 25° C	-1.0kgf/cm ² (-14psi)
Min Storage Temperature (*No Freezing)	-20° C (-4° C)
Seal Material	EPDM (Water/Glycol Liquids)
Wetted Materials	Brass, Nickel Plating, Stainless Steel, EPDM





NO.	DISCRIPTION			MATER'L		QUANTITY	REMARKS			
	KOOLANCE			DECIMAL PLACES	INCHES	MILLIMETRES	UNIT	MM	ITEM	QD3 SHORT
				.XXX	±.005	±0.1	SCALE	N/S	TITLE	QD3-FSN14
		.XX	±.010	±0.3	ANGULAR DIMENSIONS			3RD ANGLE		
		.X	±.020	±0.5	XX°			±0.5°		
					XX.X°			±0.1°		
DATE	BY	BY	BY	APPRO	BY	CODE NO.		DWG. NO.	PAGE	
	SONG									
						SURFACE	SURFACE	SURFACE		
						ROUGHNESS	.63	1.6		

REV	DATE	CONTENTS	REVD BY	CHKD BY	APPD BY
REVISION					