

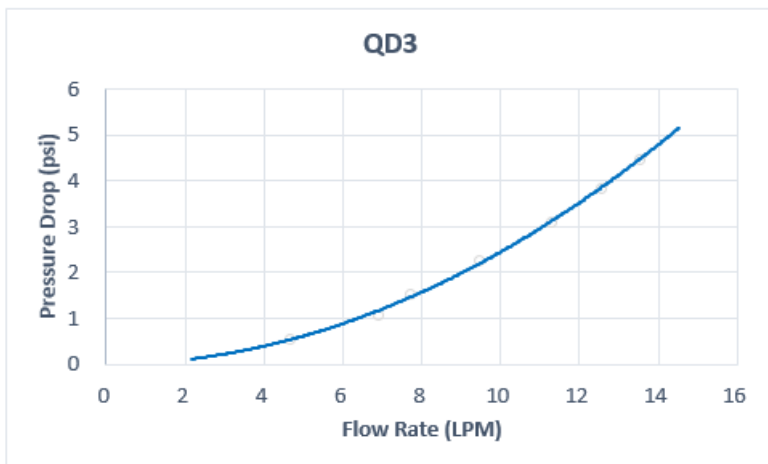
QD3 Male Quick Disconnect No-Spill Coupling, Barb for ID 13mm (1/2in)

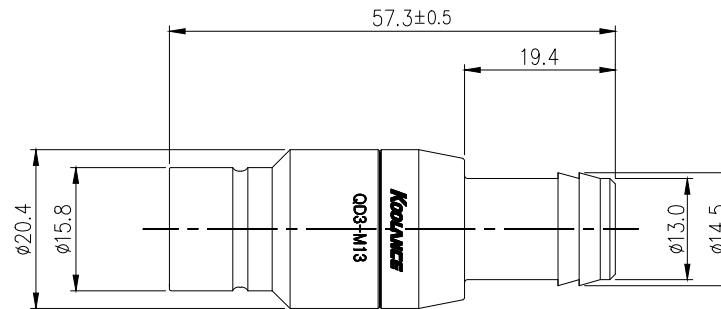


Koolance patented quick disconnect no-spill coupling with automatic shutoff. 13mm (1/2in) ID male hose barb with clamp for 16mm (5/8in) OD. It will only fit a Koolance QD3 female quick disconnect.

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/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





REV	DATE	CONTENTS	REVD BY	CHKD BY	APPD BY

REVISION

NO.	DISCRIPTION			MATER'L		QUANTITY	REMARKS			
	KOOLANCE			DECIMAL PLACES	INCHES	MILLIMETRES	UNIT	MM	ITEM	QD3
				.XXX	±.005	±0.1	SCALE	N/S	TITLE	QD3-M13
		.XX	±.010	±0.3						
		.X	±.020	±0.5						
	DATE	BY	BY	BY	APPRO	BY	ANGULAR DIMENSIONS		3RD ANGLE	
							XX'	±0.5'	CODE NO.	DWG. NO.
							XX.X'	±0.1'		PAGE
							SURFACE	SURFACE		
							ROUGHNESS	.63	1.6	