



www.koolance.com

Specifications Sheet

Generated: 2024-04-26

P/N: QD3-FS13X19-BK

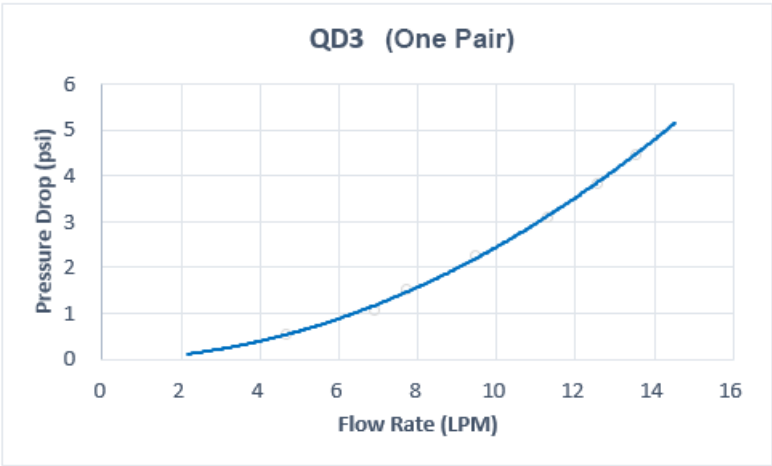
QD3 Female Quick Disconnect No-Spill  
Coupling, Compression for 13mm x 19mm  
(1/2in x 3/4in) \*Black\*

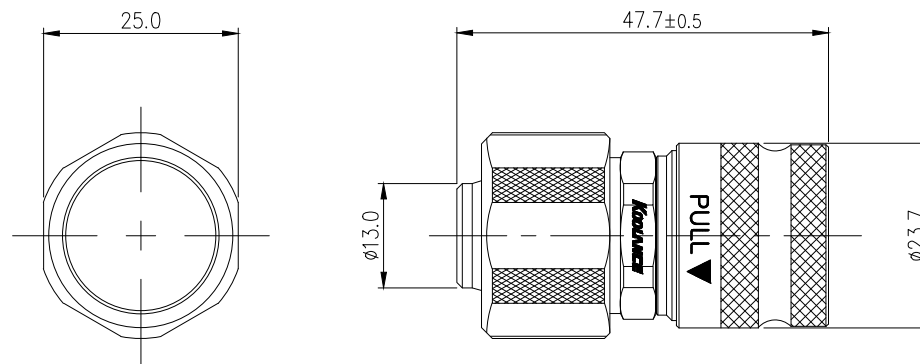


Koolance patented quick disconnect no-spill coupling with automatic shutoff. 13mm (1/2in) ID, 19mm (3/4in) OD female straight connection with compression fitting. It will only fit a Koolance QD3 male quick disconnect.


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/cm2 (7psi).

General	
Weight	0.23 lb (0.10 kg)
Max No-Spill Pressure	0.5kgf/cm2 (7psi)
Max Pressure Tolerance @ 25° C	8kgf/cm2 (113.8psi)
Max Temperature Tolerance	80° C (176° F)
Min Pressure Tolerance @ 25° C	-1.0kgf/cm2 (-14psi)
Min Storage Temperature (*No Freezing)	-20° C (-4° F)
Seal Material	EPDM (Water/Glycol Liquids)
Wetted Materials	Brass, Stainless Steel, EPDM





REV	DATE	CONTENTS	REVD BY	CHKD BY	APPD BY
REVISION					

NO.		DISCRIPTION					MATER'L		QUANTITY		REMARKS		
		DECIMAL PLACES		INCHES		MILLIMETRES		UNIT		MM		ITEM QD3	
		.XXX		±.005		±0.1		SCALE		N/S		TITLE QD3-FS13X19 QD3-FS13X19-BK	
		.XX		±.010		±0.3							
		.X		±.020		±0.5							
		BY		BY		BY		APPRO		BY			
		ANGULAR DIMENSIONS											
DATE		XX"		XX.X"		±0.5"		±0.1"		3RD ANGLE			
		SONG								CODE NO.		DWG. NO.	
												PAGE	
				SURFACE ROUGHNESS		SURFACE		SURFACE					
						.63		1.6					