www.koolance.com

Specifications Sheet

Generated: 2026-11-19

P/N: QD2-MSG4

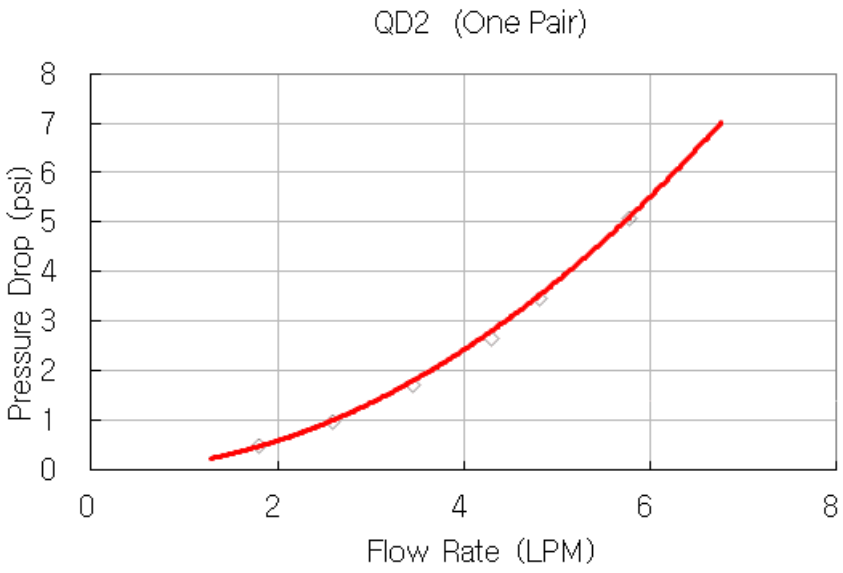
QD2 Male Quick Disconnect No-Spill Coupling, Male Threaded G 1/4 BSPP



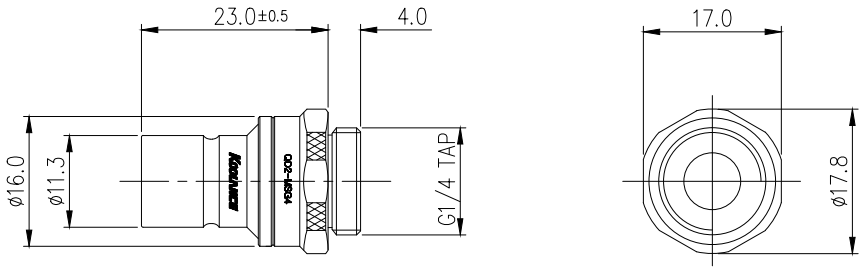
Koolance patented quick disconnect no-spill coupling with automatic shutoff. G 1/4 BSPP (parallel) thread male fitting for screwing directly into a water block or other component. It will only fit a Koolance QD2 female quick disconnect.

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	0.08 lb (0.04 kg)
Fitting Thread	G 1/4 BSPP
Max No-Spill Pressure	0.5kgf/cm2 (7psi)
Max Pressure Tolerance @ 25°C	8kgf/cm2 (113.8psi) connected, 8kgf/cm2 (113.8psi) disconnected
Max Temperature Tolerance	80°C (176°F)
Min Pressure Tolerance @ 25°C	-1.0kgf/cm2 (-14psi)
Min Storage Temperature (*No Freezing)	-20ºC (-4ºF)
Seal Material	EPDM (Water/Glycol Liquids)
Wetted Materials	Nickel-Plated Brass, Stainless Steel, EPDM


QD2 (One Pair)
Pressure Drop (psi)
0
1
2
3
4
5
6
7
8
0
2
4
6
8
Flow Rate (LPM)

File



REV	DATE	CONTENTS	APPD BY

REVISION

NO.	DESCRIPTION	MATER'L	QUANTITY	REMARKS
KOOLANCE		UNIT MM	PART NO. QD2 SHORT	
	BY BY BY APPRD BY	SCALE N/S	TITLE QD2-MSG4	
DATE		3RD ANGLE		
	SONG	DWG. NO.	ITEM	