



PIPELINE COMPONENTS PRODUCT BULLETIN

Allowable Operating Pressures for Dismantling Joints

Tyco Water manufactures a range of dismantling joints in both standard pressure (1600kPa Allowable Operating Pressure) and high pressure (3500kPa Allowable Operating Pressure).

These joints are generally installed next to a flanged valve to facilitate removal of the valve where subsequent maintenance or replacement is required.

Two types of joints are available, Thrust Type and Non-Thrust Type. Both types utilize an O-ring to provide the necessary seal.

The Allowable Operating Pressures nominated above assumes the joints are installed on machined spigots.

Thrust Type Dismantling Joints are supplied with ductile iron rings, an O-ring seal, fasteners and a cast flange to spigot connector with integral thrust flange and machined spigot.

Non-thrust dismantling joints are supplied with only ductile iron rings, an O-ring seal and fasteners.

Where a high pressure Non Thrust Type Dismantling Joint is fitted to a DI pipe spigot the Allowable Operating Pressure is limited to 2100kPa. This is because of the larger allowable tolerance on a pipe spigot when compared to a machined spigot.

In summary :

Allowable Operating Pressure

Type	Machined Spigot		DI Pipe Spigot	
	Standard Pressure	High Pressure	Standard Pressure	High Pressure
Thrust	1600kPa	3500kPa	NA	NA
Non-Thrust	1600kPa	3500kPa	1600kPa	2100kPa

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