



Part No. 107076203

Series Series 707 TLX - 1"

[3D](#)

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Category

Nipples

Description Class

Female thread

Body Size Inch

1"

Body Size Dash

-16

Connection

G 1"

Series 707 TLX - 1"

TLX is a Flat-Face twist lock coupling for the toughest applications in the construction and demolition segment. This super-duty quick connect coupling is designed to work with the highest surge flows and the toughest pressure impulses. TLX is made from high alloy steels with Zinc-Nickel surface treatment for a long life in the harshest conditions. The Series is available in sizes from ½" to 1 ½" to cover most applications. The couplings and nipples are also available in 4 other sizes: ½" (Series 507), ¾" (Series 607), 1 ¼" (Series 807) and 1 ½" (Series 907)



Flow rate

291 l/min (64.0 GPM) @ 3bar ΔP **

Temperature range

-30°C — +100°C (-22°F — +212°F)

Material coupling

Steel (Zinc-Nickel)

Material nipple

Steel (Zinc-Nickel)

Material seal

Nitrile (NBR)

Max. working pressure connected

420 bar (6091 PSI)

Max. working pressure disconnected

400 bar (5801 PSI)

Min. burst pressure connected

1680 bar (24366 PSI)

Min. burst pressure disconnected

1000 bar (14503 PSI)

Connectability

Connection with residual pressure only limited by operator strength

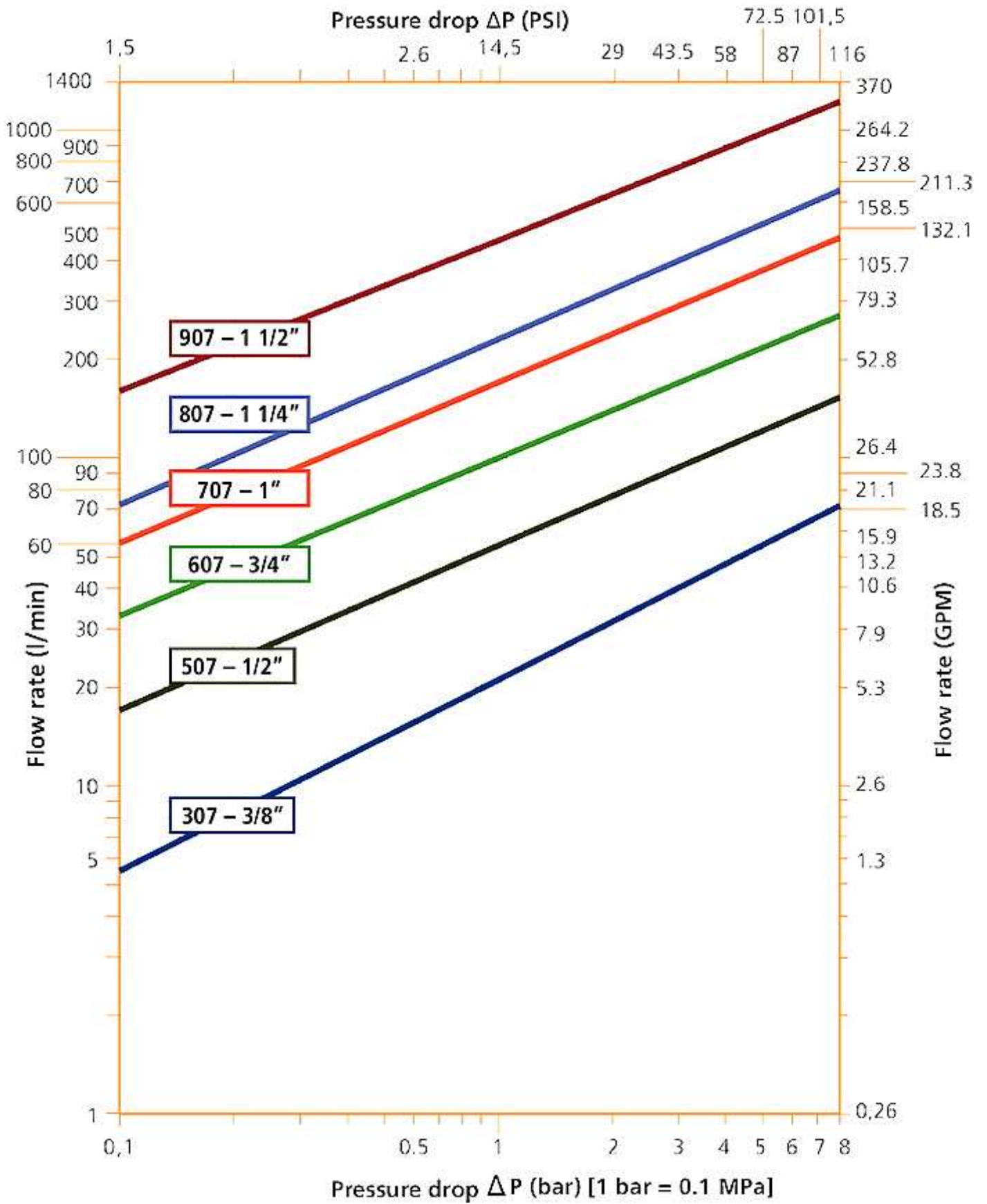
Disconnection under pressure

Disconnection with residual pressure in the system is allowed

(**) - If the application is constantly above this flow rate on respective coupling size, a larger coupling size should be considered to avoid too high pressure drop. The couplings can handle much higher flow rate during short time periods, but there is a risk of heat build-up in the system. Surge flows far above normal flow rate is in general not a problem.

- TLX is pressure impulse tested at 525 bar (7614 psi) for 1.000.000 impulses acc. to ISO 7241-2.

Check with an authorized CEJN distributor for availability and prices. Other connections and sealing material on request. Some part numbers may be subject to minimum order quantities. CEJN reserves the right to make changes without further notification. Thread connections are listed according to ISO Standards. All measurements are in mm.



Pressure drop chart