



**Part No.** 105076205

**Series** Series 507 TLX - 1/2"

[3D](#)

[PDF](#)

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### Category

Nipples

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### Description Class

Female thread

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### Body Size Inch

1/2"

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### Body Size Dash

-08

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### Connection

G 1/2"

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Series 507 TLX - 1/2"

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: ¾" (Series 607) 1" (Series 707) 1 ¼" (Series 807) and 1 ½" (Series 907)



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**Flow rate**

93 l/min (20.5 GPM) @ 3bar  $\Delta P$  \*\*

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**Temperature range**

-30°C — +100°C (-22°F — +212°F)

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**Material coupling**

Steel (Zinc-Nickel)

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**Material nipple**

Steel (Zinc-Nickel)

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**Material seal**

Nitrile (NBR)

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**Max. working pressure connected**

420 bar (6091 PSI)

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**Max. working pressure disconnected**

420 bar (6091 PSI)

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**Min. burst pressure connected**

1680 bar (24366 PSI)

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**Min. burst pressure disconnected**

1050 bar (15229 PSI)

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## **Connectability**

Connection with residual pressure only limited by operator strength

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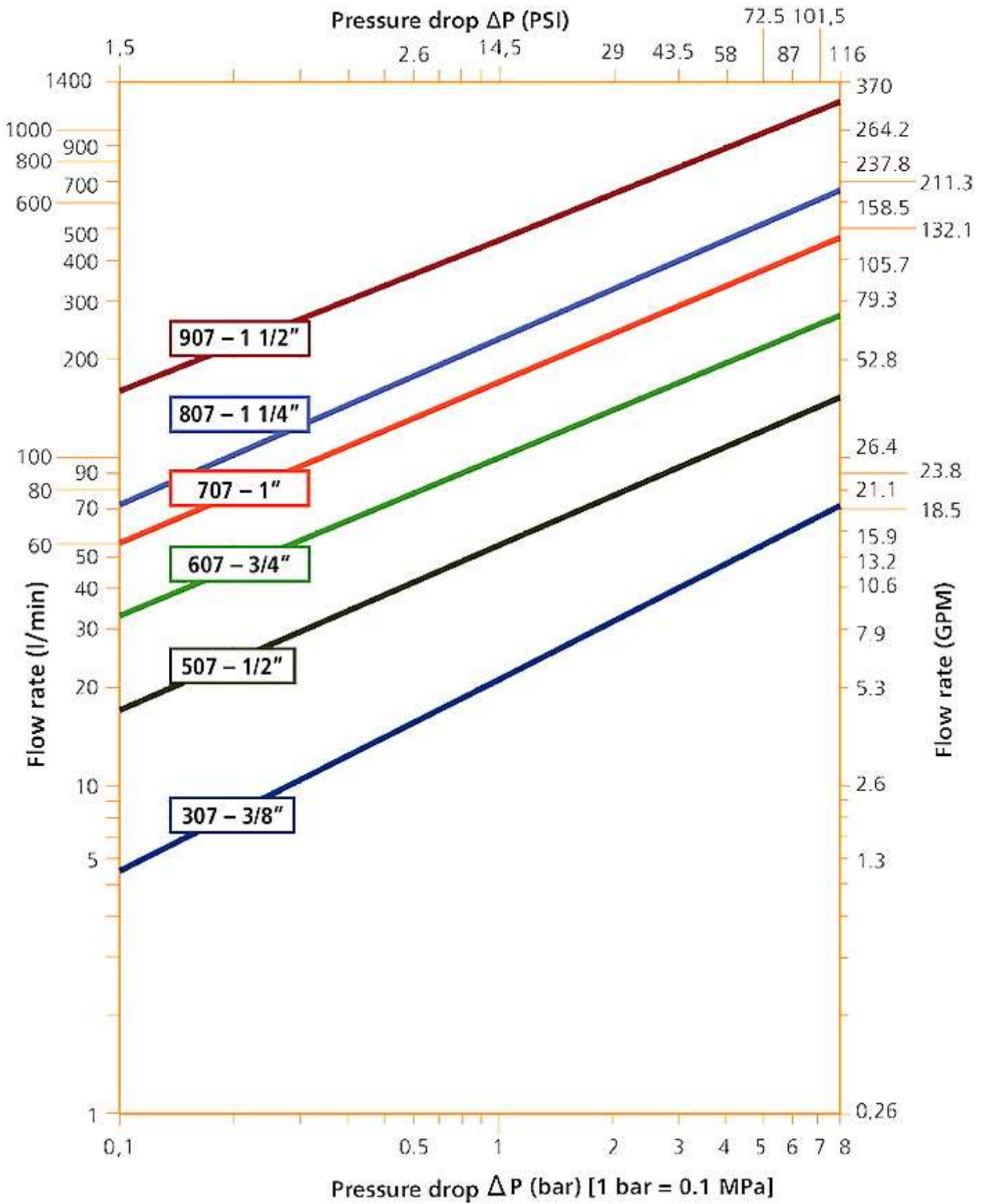
## **Disconnection under pressure**

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