

## ISO B Stainless Steel 316L (J170200I Series)

ISO B Rostfrei 316L (Serie J170200I)

ISO B Inoxydable 316L (J170200I Series)



### Applications / Anwendung / Applications



### Features

**Main fluid of passage:** hydraulic oil

**Connection:** pulling back the sleeve of the female part

**Disconnection:** pulling back the sleeve of the female part

**Connection under pressure:** not allowed

**Interchangeability:** ISO 7241-1 B Series standard

**Material:** all components made with stainless steel AISI 316L

**Seals:** FKM (Viton Rubber) and backup ring in PTFE

**Working temperature:** from -20°C (-4°F) to 200°C (392°F)

Others seals, springs and threads on request

### Eigenschaften

**Hauptdurchflussflüssigkeit:** Hydrauliköl

**Verbindung:** das zurückziehen der hülse des weiblichen anschlusses

**Trennung:** das zurückziehen der hülse des weiblichen anschlusses

**Verbindung unter druck:** nicht zulässig

**Austauschbarkeit:** ISO-Norm 7241-1 Serie B

**Material:** alle komponenten aus edelstahl AISI 316

**Dichtung:** FKM (Viton-Kautschuk) Anti-auspressing aus PTFE

**Arbeitstemperatur:** de -20°C (-4°F) bis 200°C (392°F)

Andere dichtungen und gewinde auf anfrage

### Propriétés

**Fluide de passage principal:** huile hydraulique

**Connexion:** rétracter la manchette de l'accouplement femelle

**Disconnexion:** rétracter la manchette de l'accouplement femelle

**Connexion sous pression:** non autorisée

**Interchangeabilité:** norme ISO 7241-1 Série B

**Matériau:** Tous les composants en acier inoxydable AISI 316L

**Joint:** FKM (caoutchouc Viton) bague anti-extrusion en PTFE

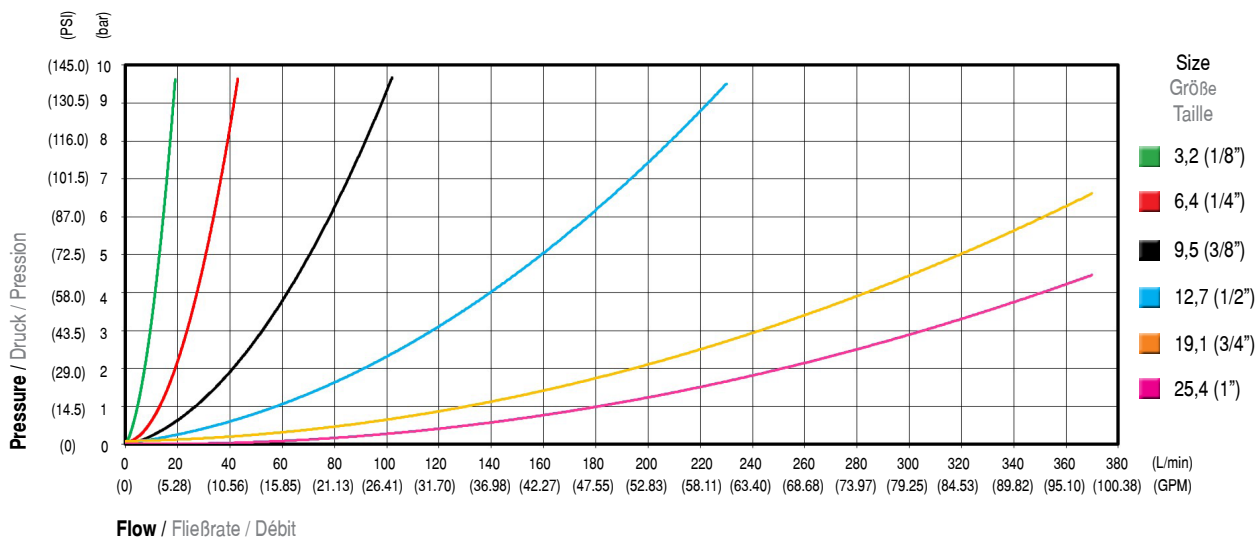
**Température de fonctionnement:** from -20°C (-4°F) à 200°C (392°F)

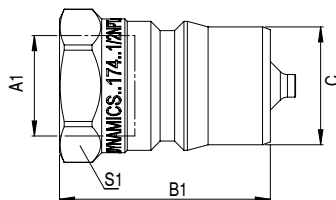
Autres joints d'étanchéité et filetages sur demande.

### Technical Information / Technische Information / Informations Techniques

| Size<br>Größe<br>Taille<br>mm (in) | Rated Flow with 2 bar (29 PSI) of<br>pressure drop<br>Nenndurchfluss mit Verlust von<br>2 bar Druck (29 PSI)<br>Débit nominal avec perte de<br>Pression de 2 bars (29 PSI)<br>L/min (GPM) | Maximum Working Pressure<br>Maximaler Arbeitsdruck<br>Pression de Service Maximale<br>bar (PSI) | Burst Pressure<br>Berstdruck<br>Pression D'éclatement |                                       |                                                 | Fluid loss during disconnection (14 PSI)<br>Ölverlust beim trennen (1 bar)<br>Perte d'huile lors de la déconnexion (1 bar)<br>ml (cc) |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------|---------------------------------------|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
|                                    |                                                                                                                                                                                           |                                                                                                 | Female<br>Weiblich<br>Femme<br>bar (PSI)              | Male<br>Männlich<br>Mâle<br>bar (PSI) | Connected<br>Verbunden<br>Connecté<br>bar (PSI) |                                                                                                                                       |
| 3,2 (1/8")                         | 5 (1.32)                                                                                                                                                                                  | 250 (3,626)                                                                                     | -----                                                 | -----                                 | -----                                           | 0,70 (0.024)                                                                                                                          |
| 6,4 (1/4")                         | 18 (4.75)                                                                                                                                                                                 | 250 (3,626)                                                                                     | 1.715 (24,874)                                        | 1.480 (21,466)                        | 950 (13,779)                                    | 1,20 (0.041)                                                                                                                          |
| 9,5 (3/8")                         | 40 (10.56)                                                                                                                                                                                | 250 (3,626)                                                                                     | 1.175 (17,042)                                        | 1.330 (19,290)                        | 1.110 (16,099)                                  | 1,80 (0.061)                                                                                                                          |
| 12,7 (1/2")                        | 90 (23.77)                                                                                                                                                                                | 250 (3,626)                                                                                     | 1.240 (17,985)                                        | 1.405 (20,378)                        | 1.155 (16,752)                                  | 3,00 (0.100)                                                                                                                          |
| 19,1 (3/4")                        | 195 (51.51)                                                                                                                                                                               | 210 (3,046)                                                                                     | 1.170 (16,969)                                        | 965 (13,996)                          | 955 (13,851)                                    | 7,50 (0.254)                                                                                                                          |
| 25,4 (1")                          | 255 (67.36)                                                                                                                                                                               | 180 (2,611)                                                                                     | 950 (13,778)                                          | 950 (13,778)                          | 850 (12,328)                                    | 13,00 (0.440)                                                                                                                         |

### Pressure Drop / Ladungsverlust / Perte de Cargaion





Male / Männlich / Homme

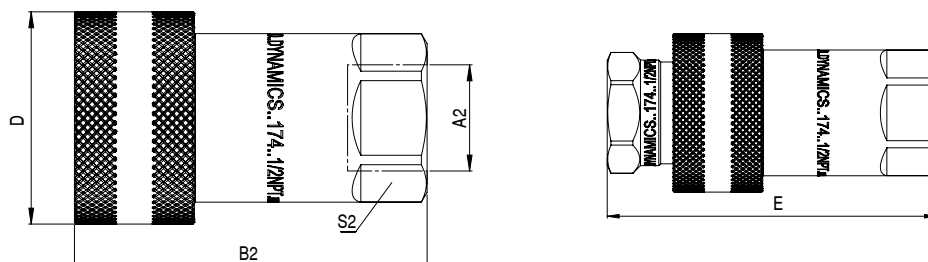
| Size<br>Größe<br>Taille<br>mm (in) | Part Number<br>Code<br>Code | A1<br>Thread<br>Schraube<br>Vis | Thread Standard<br>Gewindestandard<br>Norme de Filetage | Torque<br>Drehmoment<br>Couple<br>Nm | B1<br>mm (in) | S1<br>mm (in)  | C<br>Ø mm (in) | Weight<br>Gewicht<br>Poids<br>g (lb) | Stock<br>Lagerbestand<br>Stock |
|------------------------------------|-----------------------------|---------------------------------|---------------------------------------------------------|--------------------------------------|---------------|----------------|----------------|--------------------------------------|--------------------------------|
| 3,2 (1/8")                         | 114.171255.J                | 1/8" NPT (int.)                 | ANSI B1.20.1                                            | 14 - 20                              | 27,5 (1.08")  | 14,3 (9/16")   | 10,9 (0.43")   | 16 (0.04)                            |                                |
|                                    | 114.171256.J                | 1/8" BSP (int.)                 | DIN 3852-2                                              | 10 - 15                              | 27,0 (1.06")  | 14,3 (9/16")   | 10,9 (0.43")   | 15 (0.03)                            |                                |
| 6,4 (1/4")                         | 114.172257.J                | 1/4" NPT (int.)                 | ANSI B1.20.1                                            | 18 - 26                              | 32,1 (1.26")  | 19,1 (3/4")    | 14,2 (0.56")   | 31 (0.07)                            |                                |
|                                    | 114.172258.J                | 1/4" BSP (int.)                 | DIN 3852-2                                              | 24 - 32                              | 34,5 (1.36")  | 19,1 (3/4")    | 14,2 (0.56")   | 34 (0.07)                            |                                |
| 9,5 (3/8")                         | 114.173259.J                | 3/8" NPT (int.)                 | ANSI B1.20.1                                            | 30 - 40                              | 39,0 (1.54")  | 22,2 (7/8")    | 19,1 (0.75")   | 62 (0.14)                            |                                |
|                                    | 114.173260.J                | 3/8" BSP (int.)                 | DIN 3852-2                                              | 40 - 55                              | 39,0 (1.54")  | 22,2 (7/8")    | 19,1 (0.75")   | 61 (0.13)                            |                                |
| 12,7 (1/2")                        | 114.174261.J                | 1/2" NPT (int.)                 | ANSI B1.20.1                                            | 52 - 66                              | 42,0 (1.65")  | 27,0 (1.1/16") | 23,5 (0.93")   | 95 (0.21)                            |                                |
|                                    | 114.174262.J                | 1/2" BSP (int.)                 | DIN 3852-2                                              | 60 - 80                              | 42,0 (1.65")  | 27,0 (1.1/16") | 23,5 (0.93")   | 91 (0.20)                            |                                |
| 19,1 (3/4")                        | 114.175263.J                | 3/4" NPT (int.)                 | ANSI B1.20.1                                            | 68 - 88                              | 50,9 (2.00")  | 33,4 (1.5/16") | 31,4 (1.24")   | 175 (0.39)                           |                                |
|                                    | 114.175264.J                | 3/4" BSP (int.)                 | DIN 3852-2                                              | 100 - 130                            | 50,9 (2.00")  | 33,4 (1.5/16") | 31,4 (1.24")   | 173 (0.38)                           |                                |
| 25,4 (1")                          | 114.176265.J                | 1" NPT (int.)                   | ANSI B1.20.1                                            | 82 - 108                             | 56,0 (2.20")  | 41,3 (1.5/8")  | 37,8 (1.49")   | 320 (0.71)                           |                                |
|                                    | 114.176266.J                | 1" BSP (int.)                   | DIN 3852-2                                              | 130 - 180                            | 56,0 (2.20")  | 41,3 (1.5/8")  | 37,8 (1.49")   | 307 (0.68)                           |                                |

(int.) Internal Thread / Innengewinde / Filetage Intérieur

(ext.) External Thread / Außengewinde / Filetage

Available / Liniennorm / Norme de Ligne

On request / Auf Anfrage / Sur demande



Female / Weiblich / Femelle

| Size<br>Größe<br>Taille<br>mm (in) | Part Number<br>Code<br>Code | A2<br>Thread<br>Schraube<br>Vis | Thread Standard<br>Gewindestandard<br>Norme de Filetage | Torque<br>Drehmoment<br>Couple<br>Nm | B2<br>mm (in) | S2<br>mm (in)   | D<br>Ø mm (in) | E<br>mm (in)     | Weight<br>Gewicht<br>Poids<br>g (lb) | Stock<br>Lagerbestand<br>Stock |
|------------------------------------|-----------------------------|---------------------------------|---------------------------------------------------------|--------------------------------------|---------------|-----------------|----------------|------------------|--------------------------------------|--------------------------------|
| 3,2 (1/8")                         | 118.171251.I                | 1/8" NPT (int.)                 | ANSI B1.20.1                                            | 14 - 20                              | 43,1 (1.70")  | 14,3 (9/16")    | 20,7 (0.81")   | L1+L2-17 (0.67") | 52 (0.11)                            |                                |
|                                    | 118.171252.I                | 1/8" BSP (int.)                 | DIN 3852-2                                              | 10 - 15                              | 44,1 (1.74")  | 14,3 (9/16")    | 20,7 (0.81")   | L1+L2-17 (0.67") | 53 (0.12)                            |                                |
| 6,4 (1/4")                         | 118.172253.I                | 1/4" NPT (int.)                 | ANSI B1.20.1                                            | 18 - 26                              | 52,5 (2.06")  | 17,5 (11/16")   | 27,0 (1.06")   | L1+L2-19 (0.75") | 109 (0.24)                           |                                |
|                                    | 118.172254.I                | 1/4" BSP (int.)                 | DIN 3852-2                                              | 24 - 32                              | 53,9 (2.12")  | 17,5 (11/16")   | 27,0 (1.06")   | L1+L2-19 (0.75") | 111 (0.24)                           |                                |
| 9,5 (3/8")                         | 118.173255.I                | 3/8" NPT (int.)                 | ANSI B1.20.1                                            | 30 - 40                              | 59,1 (2.32")  | 22,3 (7/8")     | 31,8 (1.25")   | L1+L2-22 (0.89") | 160 (0.35)                           |                                |
|                                    | 118.173256.I                | 3/8" BSP (int.)                 | DIN 3852-2                                              | 40 - 56                              | 59,1 (2.32")  | 22,3 (7/8")     | 31,8 (1.25")   | L1+L2-22 (0.89") | 159 (0.35)                           |                                |
| 12,7 (1/2")                        | 118.174257.I                | 1/2" NPT (int.)                 | ANSI B1.20.1                                            | 52 - 66                              | 66,5 (2.62")  | 28,6 (1.1/8")   | 40,0 (1.57")   | L1+L2-24 (0.97") | 290 (0.64)                           |                                |
|                                    | 118.174258.I                | 1/2" BSP (int.)                 | DIN 3852-2                                              | 60 - 80                              | 67,5 (2.66")  | 28,6 (1.1/8")   | 40,0 (1.57")   | L1+L2-24 (0.97") | 291 (0.64)                           |                                |
| 19,1 (3/4")                        | 118.175259.I                | 3/4" NPT (int.)                 | ANSI B1.20.1                                            | 68 - 88                              | 83,7 (3.29")  | 35,0 (1.3/8")   | 47,6 (1.87")   | L1+L2-32 (1.27") | 500 (1.10)                           |                                |
|                                    | 118.175261.I                | 3/4" BSP (int.)                 | DIN 3852-2                                              | 100 - 130                            | 83,7 (3.29")  | 35,0 (1.3/8")   | 47,6 (1.87")   | L1+L2-32 (1.27") | 498 (1.10)                           |                                |
| 25,4 (1")                          | 118.176262.I                | 1" NPT (int.)                   | ANSI B1.20.1                                            | 82 - 108                             | 94,8 (3.73")  | 42,9 (1.11/16") | 55,6 (2.19")   | L1+L2-37 (1.48") | 799 (1.76)                           |                                |
|                                    | 118.176263.I                | 1" BSP (int.)                   | DIN 3852-2                                              | 130 - 180                            | 93,8 (3.69")  | 42,9 (1.11/16") | 55,6 (2.19")   | L1+L2-37 (1.48") | 776 (1.71)                           |                                |

(int.) Internal Thread / Innengewinde / Filetage Intérieur

(ext.) External Thread / Außengewinde / Filetage

Available / Liniennorm / Norme de Ligne

On request / Auf Anfrage / Sur demande