



# PNEUMATIC LINE



**Dynamics**  
Engates Rápidos

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**ERD-10** (61000 Series)**ERD-10** (Serie 61000)**ERD-10** (Série 61000)**Applications / Anwendungen / Applications****Features****Main application:** refrigeration systems, pneumatic systems, injection molding machines**Main fluid of passage:** hydraulic oil and water**Model:** fluid retention in the female part (when disconnected)**Connection:** pulling back the sleeve**Disconnection:** pulling back the sleeve (holding the male part)**Connection under pressure:** not allowed**Disconnection under pressure:** not allowed**Material:** brass**Surface treatment:** nickel steel sleeve**Oilproof seals:** Viton (Fluorocarbon)**Work temperature:** from -4°F to +392°F

Others seals, springs and threads on request

**Eigenschaften****Hauptanwendung:** Kühlsysteme, pneumatische Systeme, Blas- und Spritzgießmaschinen**Hauptflüssigkeitsdurchgang:** Hydrauliköl und Wasser**Modell:** mit Flüssigkeitsrückhalt in der weiblichen Kupplung beim Trennen**Verbindung:** Hülsenrückzug**Trennung:** Hülsenrückzug (während das Männliche gehalten wird)**Verbindung unter Druck:** nicht erlaubt**Trennung unter Druck:** nicht erlaubt**Material:** Messing**Oberflächenbehandlung:** vernickelte Hülse**Dichtung:** Viton (Fluorkarbon)**Arbeitstemperatur:** -20°C bis +200°C

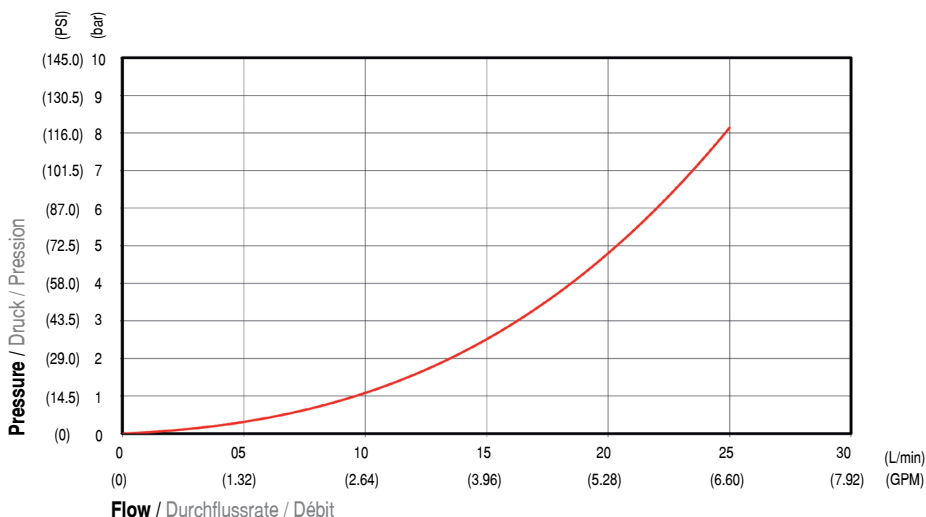
Weitere Dichtungen, Federn und Gewinde auf Anfrage

**Propriétés****Application principale:** systèmes de réfrigération, systèmes pneumatiques, machines soufflantes et injectrices**Passage principal de fluide:** huile hydraulique et eau**Modèle:** avec rétention de fluide dans la femelle lors du désaccouplement**Connexion:** rétraction de la manchon**Déconnexion:** rétraction de la manchon (en tenant le mâle)**Connexion sous pression:** non autorisée**Déconnexion sous pression:** non autorisée**Matériau:** laiton**Traitement de surface:** manchon nickelé**Joint:** Viton (Fluorocarbène)**Température de travail:** de -20°C à +200°C

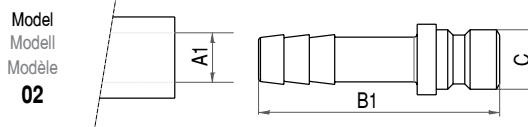
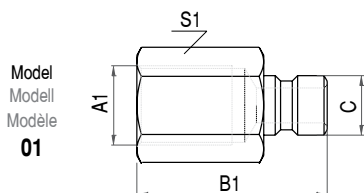
Autres joints, ressorts et filetages sur demande

**Technical Data / Technische Informationen / Informations Techniques**

| Size<br>Größe<br>Taille<br>mm (in) | Rated Flow Pressure drop of 2 bar<br>(29 PSI)<br>Nenndurchfluss bei einem Druckverlust<br>von 2 bar (29 PSI)<br>Débit Nominal avec une Perte de<br>Pression de 2 bar (29 PSI)<br>L/min (GPM) | Maximum Work Pressure<br>Maximale Arbeitsdruck<br>Pression Maximale de Travail<br>bar (PSI) | Burst Pressure<br>Berstdruck<br>Pression de Rupture |                                                 |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------|-------------------------------------------------|
|                                    |                                                                                                                                                                                              |                                                                                             | Female<br>Weiblich<br>Femelle<br>bar (PSI)          | Connected<br>Verbunden<br>Connecté<br>bar (PSI) |
| 6,4 (1/4")                         | 13,0 (3.43)                                                                                                                                                                                  | 32 (464)                                                                                    | 130 (1,885)                                         | 130 (1,885)                                     |

**Pressure Drop / Druckverlust / Perte de Charge**

Test performed with oil EP32  
Test mit EP32-Öl Durchgeführt  
Essai Réalisé Avec de l'huile EP32



## Male / Männlich / Mâle

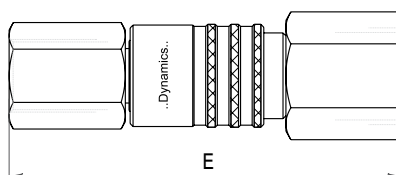
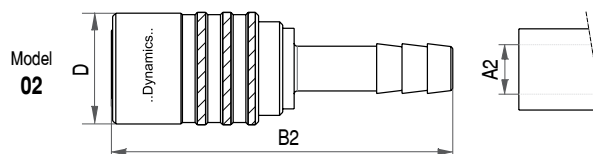
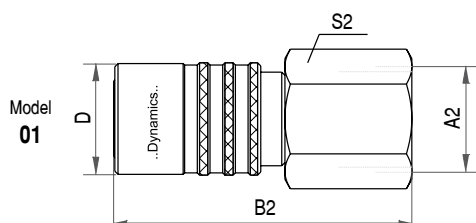
| Nominal Diameter<br>Nenndurchmesser<br>Diamètre Nominal<br>(mm) | Code<br>Code<br>Code | A1<br>Thread/Hose<br>Gewinde/Schlauch<br>Filetage/Tuyau | Torque<br>Drehmoment<br>Couple<br>Nm | B1<br>mm (in) | S1<br>mm (in) | C<br>mm (in) | Wight<br>Peso<br>Wight<br>g | Model<br>Modell<br>Modèle | Stock<br>Lager<br>Stock |
|-----------------------------------------------------------------|----------------------|---------------------------------------------------------|--------------------------------------|---------------|---------------|--------------|-----------------------------|---------------------------|-------------------------|
| 6,4 (1/4")                                                      | 115.061062.0         | 1/4" NPT (int.)                                         | 13 - 19                              | 30,0 (1.182") | 15,9 (5/8")   | 9,4 (0.370") | 25                          | 01                        | 🔍                       |
|                                                                 | 115.061016.0         | 1/8" NPT (ext.)                                         | 10 - 15                              | 24,0 (0.945") | 12,7 (1/2")   | 9,4 (0.370") | 11                          | 01                        | ✓                       |
|                                                                 | 115.061017.0         | 1/8" BSP (ext.)                                         | 12 - 16                              | 23,0 (0.906") | 12,7 (1/2")   | 9,4 (0.370") | 11                          | 01                        | ✓                       |
|                                                                 | 115.061012.0         | 1/4" NPT (ext.)                                         | 13 - 19                              | 28,0 (1.103") | 15,9 (5/8")   | 9,4 (0.370") | 23                          | 01                        | ✓                       |
|                                                                 | 115.061013.0         | 1/4" BSP (ext.)                                         | 18 - 24                              | 26,0 (1.024") | 15,9 (5/8")   | 9,4 (0.370") | 20                          | 01                        | ✓                       |
|                                                                 | 115.061014.0         | 3/8" NPT (ext.)                                         | 22 - 30                              | 28,0 (1.103") | 17,5 (11/16") | 9,4 (0.370") | 27                          | 01                        | 🔍                       |
|                                                                 | 115.061040.0         | 1/4"                                                    | -                                    | 38,0 (1.496") | -             | 9,4 (0.370") | 10                          | 02                        | ✓                       |
|                                                                 | 115.061041.0         | 5/16"                                                   | -                                    | 38,0 (1.496") | -             | 9,4 (0.370") | 13                          | 02                        | ✓                       |
|                                                                 | 115.061042.0         | 3/8"                                                    | -                                    | 38,0 (1.496") | -             | 9,4 (0.370") | 18                          | 02                        | 🔍                       |

(int.) Internal Thread / Innengewinde / Filetage Intérieur

(ext.) External Thread / Außengewinde / Filetage Extérieur

✓ Available / Liniennorm / Norme de Ligne

🔍 On request / Auf Anfrage / Sur demande



## Female / Weiblich / Femelle

| Nominal Diameter<br>Nenndurchmesser<br>Diamètre Nominal<br>(mm) | Code<br>Code<br>Code | A2<br>Thread/Hose<br>Gewinde/Schlauch<br>Filetage/Tuyau | Torque<br>Drehmoment<br>Couple<br>Nm | B2<br>mm (in) | S2<br>mm (in) | D<br>mm (in)  | E<br>mm (in)   | Wight<br>Gewicht<br>Poids<br>g | Model<br>Modell<br>Modèle | Stock<br>Lager<br>Stock |
|-----------------------------------------------------------------|----------------------|---------------------------------------------------------|--------------------------------------|---------------|---------------|---------------|----------------|--------------------------------|---------------------------|-------------------------|
| 6,4 (1/4")                                                      | 112.061031.0         | 1/8" BSP (int.)                                         | 12 - 16                              | 43,0 (1.693") | 15,9 (5/8")   | 17,5 (0.689") | B1+B2-9(0.37") | 55                             | 01                        | 🔍                       |
|                                                                 | 112.061032.0         | 1/4" NPT (int.)                                         | 13 - 19                              | 46,0 (1.811") | 15,9 (5/8")   | 17,5 (0.689") | B1+B2-9(0.37") | 54                             | 01                        | 🔍                       |
|                                                                 | 112.061033.0         | 1/4" BSP (int.)                                         | 18 - 24                              | 46,0 (1.811") | 15,9 (5/8")   | 17,5 (0.689") | B1+B2-9(0.37") | 54                             | 01                        | ✓                       |
|                                                                 | 112.061021.0         | 1/8" BSP (ext.)                                         | 12 - 16                              | 40,0 (1.575") | 12,7 (1/2")   | 17,5 (0.689") | B1+B2-9(0.37") | 42                             | 01                        | ✓                       |
|                                                                 | 112.061022.0         | 1/4" NPT (ext.)                                         | 13 - 19                              | 45,0 (1.772") | 15,9 (5/8")   | 17,5 (0.689") | B1+B2-9(0.37") | 55                             | 01                        | ✓                       |
|                                                                 | 112.061023.0         | 1/4" BSP (ext.)                                         | 18 - 24                              | 43,0 (1.693") | 15,9 (5/8")   | 17,5 (0.689") | B1+B2-9(0.37") | 55                             | 01                        | ✓                       |
|                                                                 | 112.061009.0         | 1/4"                                                    | -                                    | 53,8 (2.118") | -             | 17,5 (0.689") | B1+B2-9(0.37") | 43                             | 02                        | ✓                       |
|                                                                 | 112.061010.0         | 5/16"                                                   | -                                    | 53,8 (2.118") | -             | 17,5 (0.689") | B1+B2-9(0.37") | 46                             | 02                        | ✓                       |
|                                                                 | 112.061011.0         | 3/8"                                                    | -                                    | 53,8 (2.118") | -             | 17,5 (0.689") | B1+B2-9(0.37") | 46                             | 02                        | ✓                       |

(int.) Internal Thread / Innengewinde / Filetage Intérieur

(ext.) External Thread / Außengewinde / Filetage Extérieur

✓ Available / Liniennorm / Norme de Ligne

🔍 On request / Auf Anfrage / Sur demande

## **ERD-12** (62000 Series)

## **ERD-12** (Serie 61000)

## **ERD-12** (Série 62000)

### Applications / Anwendungen / Applications



### Features

**Main application:** refrigeration systems, pneumatic systems, injection molding machines

**Main fluid of passage:** hydraulic oil and water

**Model:** fluid retention in the female part (when disconnected)

**Connection:** pulling back the sleeve

**Disconnection:** pulling back the sleeve (holding the male part)

**Connection under pressure:** not allowed

**Disconnection under pressure:** not allowed

**Material:** brass

**Surface treatment:** nickel steel sleeve

**Oilproof seals:** Viton (Fluorocarbon). Double seal attached (superior endurance) when connected to a Dynamics female part

**Work temperature:** from -4F to +392°F

Others seals, springs and threads on request

### Eigenschaften

**Hauptanwendung:** Kühlsysteme, pneumatische Systeme, Blas- und Spritzgießmaschinen

**Hauptflüssigkeitsdurchgang:** Öl und Wasser  
**Modell:** mit Flüssigkeitsrückhalt in der weiblichen Kupplung beim Trennen

**Verbindung:** Hülsenrückzug

**Trennung:** Hülsenrückzug (den männlichen Stift haltend)

**Verbindung unter Druck:** nicht erlaubt

**Trennung unter Druck:** nicht erlaubt

**Material:** Messing

**Oberflächenbehandlung:** vernickelte Hülse

**Dichtung:** Viton (Fluorkarbon) Doppelte Dichtung beim Koppeln in der weiblichen Dynamik (überlegene Haltbarkeit)

**Arbeitstemperatur:** -20°C bis +200°C

Weitere Dichtungen, Federn und Gewinde auf Anfrage

### Propriétés

**Application principale:** systèmes de réfrigération, systèmes pneumatiques, machines soufflantes et injectrices

**Passage principal de fluide:** huile et eau

**Modèle:** avec rétention de fluide dans la femelle lors du désaccouplement

**Connexion:** rétraction de la manchon

**Déconnexion:** rétraction de la manchon (en tenant la broche mâle)

**Connexion sous pression:** non autorisée

**Déconnexion sous pression:** non autorisée

**Matériau:** laiton

**Traitement de surface:** manchon nickelé

**Joint:** Viton (Fluorocarbène) Double joint lorsqu'accouplé dans la femelle Dynamics (durabilité supérieure)

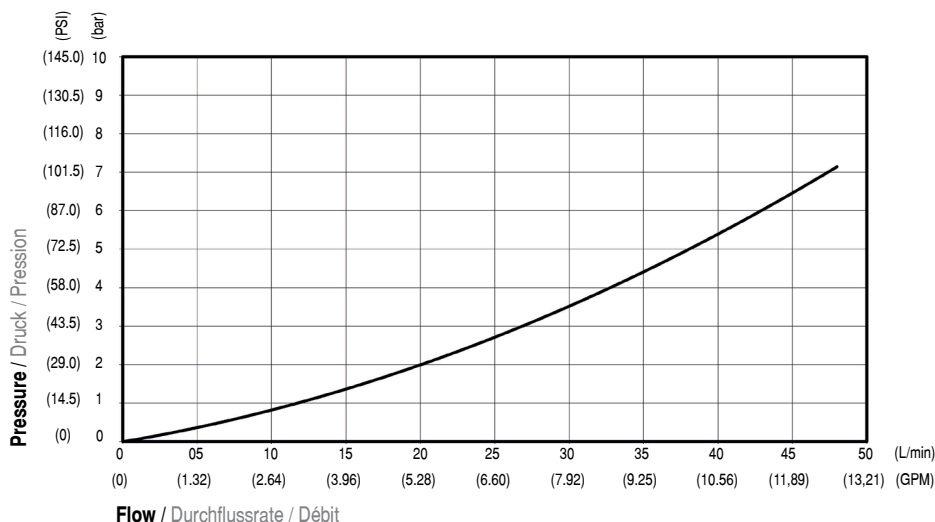
**Température de travail:** de -20°C à +200°C

Autres joints, ressorts et filetages sur demande

### Technical Data / Technische Informationen / Informations Techniques

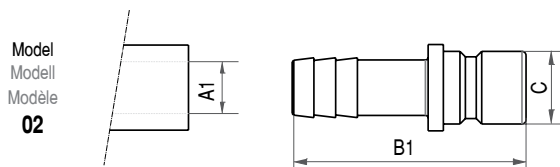
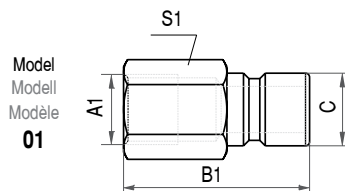
| Size<br>Größe<br>Taille<br>mm (in) | Rated Flow Pressure drop of 2 bar<br>(29 PSI)<br>Nenndurchfluss bei einem Druckverlust<br>von 2 bar (29 PSI)<br>Débit Nominal avec une Perte de<br>Pression de 2 bar (29 PSI)<br>L/min (GPM) | Maximum Work Pressure<br>Maximale Arbeitsdruck<br>Pression Maximale de Travail<br>bar (PSI) | Burst Pressure<br>Berstdruck<br>Pression de Rupture |                                                 |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------|-------------------------------------------------|
|                                    |                                                                                                                                                                                              |                                                                                             | Female<br>Weiblich<br>Femelle<br>bar (PSI)          | Connected<br>Verbunden<br>Connecté<br>bar (PSI) |
| 9,5 (3/8")                         | 21,0 (5.55)                                                                                                                                                                                  | 32 (464)                                                                                    | 130 (1,885)                                         | 130 (1,885)                                     |

### Pressure Drop / Druckverlust / Perte de Charge



Test performed with oil EP32  
Test mit EP32-Öl Durchgeführt  
Essai Réalisé Avec de l'huile EP32

## Threads / Gewinde / Filetages

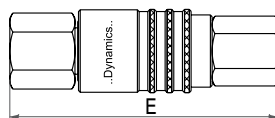
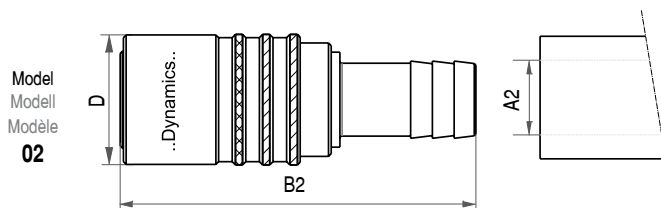
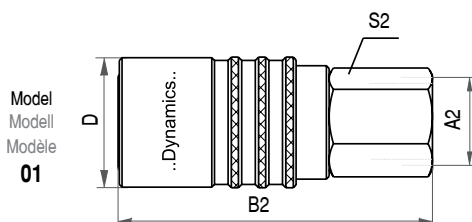


## Male / Männlich / Mâle

| Nominal Diameter<br>Nenndurchmesser<br>Diamètre Nominal<br>(mm) | Code<br>Code<br>Code | A1<br>Thread/Hose<br>Gewinde/Schlauch<br>Filetage/Tuyau | Torque<br>Drehmoment<br>Couple<br>Nm | B1<br>mm (in) | S1<br>mm (in) | C<br>mm (in)  | Wight<br>Gewicht<br>Poids<br>g | Model<br>Modell<br>Modèle | Stock<br>Lager<br>Stock |
|-----------------------------------------------------------------|----------------------|---------------------------------------------------------|--------------------------------------|---------------|---------------|---------------|--------------------------------|---------------------------|-------------------------|
| 9,5 (3/8")                                                      | 115.062062.0         | 1/4" NPT (int.)                                         | 13 - 19                              | 34,2 (1.346") | 15,9 (5/8")   | 13,4 (0.526") | 27                             | 01                        | ✓                       |
|                                                                 | 115.062063.0         | 1/4" BSP (int.)                                         | 18 - 24                              | 34,2 (1.346") | 15,9 (5/8")   | 13,4 (0.526") | 27                             | 01                        | ✓                       |
|                                                                 | 115.062067.0         | 1/2" BSP (int.)                                         | 54 - 66                              | 43,2 (1.708") | 25,4 (1")     | 13,4 (0.526") | 82                             | 01                        | ✓                       |
|                                                                 | 115.062018.0         | 1/8" NPT (ext.)                                         | 10 - 15                              | 29,2 (1.150") | 14,3 (9/16")  | 13,4 (0.526") | 19                             | 01                        | 🔍                       |
|                                                                 | 115.062012.0         | 1/4" NPT (ext.)                                         | 13 - 19                              | 33,2 (1.307") | 15,9 (5/8")   | 13,4 (0.526") | 24                             | 01                        | ✓                       |
|                                                                 | 115.062013.0         | 1/4" BSP (ext.)                                         | 18 - 24                              | 31,2 (1.229") | 15,9 (5/8")   | 13,4 (0.526") | 22                             | 01                        | ✓                       |
|                                                                 | 115.062014.0         | 3/8" NPT (ext.)                                         | 22 - 30                              | 33,2 (1.307") | 17,5 (11/16") | 13,4 (0.526") | 36                             | 01                        | ✓                       |
|                                                                 | 115.062015.0         | 3/8" BSP (ext.)                                         | 30 - 42                              | 31,2 (1.229") | 17,5 (11/16") | 13,4 (0.526") | 31                             | 01                        | ✓                       |
|                                                                 | 115.062016.0         | 1/2" NPT (ext.)                                         | 39 - 49                              | 40,2 (1.583") | 22,3 (7/8")   | 13,4 (0.526") | 74                             | 01                        | ✓                       |
|                                                                 | 115.062042.0         | Ø 3/8"                                                  | -                                    | 43,0 (1.692") | -             | 13,4 (0.526") | 25                             | 02                        | ✓                       |
|                                                                 | 115.062043.0         | Ø 1/2"                                                  | -                                    | 43,0 (1.692") | -             | 13,4 (0.526") | 31                             | 02                        | ✓                       |

|        |                                                     |
|--------|-----------------------------------------------------|
| (int.) | Internal Thread / Innengewinde / Filetage Intérieur |
| (ext.) | External Thread / Außengewinde / Filetage Extérieur |

|   |                                         |
|---|-----------------------------------------|
| ✓ | Available / Liniennorm / Norme de Ligne |
| 🔍 | On request / Auf Anfrage / Sur demande  |



## Female / Weiblich / Femelle

| Nominal Diameter<br>Nenndurchmesser<br>Diamètre Nominal<br>(mm) | Code<br>Code<br>Code | A2<br>Thread/Hose<br>Gewinde/Schlauch<br>Filetage/Tuyau | Torque<br>Drehmoment<br>Couple<br>Nm | B2<br>mm (in) | S2<br>mm (in) | D<br>mm (in)  | E<br>mm (in)    | Wight<br>Gewicht<br>Poids<br>g | Model<br>Modell<br>Modèle | Stock<br>Lager<br>Stock |
|-----------------------------------------------------------------|----------------------|---------------------------------------------------------|--------------------------------------|---------------|---------------|---------------|-----------------|--------------------------------|---------------------------|-------------------------|
| 9,5 (3/8")                                                      | 112.062032.0         | 1/4" NPT (int.)                                         | 13 - 19                              | 58,0 (2.283") | 17,5 (11/16") | 24,0 (0.945") | B1+B2-14(0.55") | 110                            | 01                        | ✓                       |
|                                                                 | 112.062033.0         | 1/4" BSP (int.)                                         | 18 - 24                              | 58,0 (2.283") | 17,5 (11/16") | 24,0 (0.945") | B1+B2-14(0.55") | 110                            | 01                        | ✓                       |
|                                                                 | 112.062034.0         | 3/8" NPT (int.)                                         | 22 - 30                              | 58,8 (2.315") | 19,1 (3/4")   | 24,0 (0.945") | B1+B2-14(0.55") | 110                            | 01                        | ✓                       |
|                                                                 | 112.062036.0         | 1/2" NPT (int.)                                         | 39 - 49                              | 66,8 (2.630") | 25,4 (1")     | 24,0 (0.945") | B1+B2-14(0.55") | 163                            | 01                        | ✓                       |
|                                                                 | 112.062022.0         | 1/4" NPT (ext.)                                         | 13 - 19                              | 56,8 (2.237") | 17,5 (11/16") | 24,0 (0.945") | B1+B2-14(0.55") | 102                            | 01                        | ✓                       |
|                                                                 | 112.062024.0         | 3/8" NPT (ext.)                                         | 22 - 30                              | 56,8 (2.237") | 17,5 (11/16") | 24,0 (0.945") | B1+B2-14(0.55") | 109                            | 01                        | ✓                       |
|                                                                 | 112.062026.0         | 1/2" NPT (ext.)                                         | 39 - 49                              | 64,4 (2.536") | 22,3 (7/8")   | 24,0 (0.945") | B1+B2-14(0.55") | 148                            | 01                        | ✓                       |
|                                                                 | 112.062027.0         | 1/2" BSP (ext.)                                         | 54 - 66                              | 56,8 (2.237") | 22,3 (7/8")   | 24,0 (0.945") | B1+B2-14(0.55") | 130                            | 01                        | ✓                       |
|                                                                 | 112.062009.0         | Ø 3/8"                                                  | -                                    | 65,4 (2.574") | -             | 24,0 (0.945") | B1+B2-14(0.55") | 96                             | 02                        | ✓                       |
|                                                                 | 112.062010.0         | Ø 1/2"                                                  | -                                    | 65,4 (2.574") | -             | 24,0 (0.945") | B1+B2-14(0.55") | 100                            | 02                        | ✓                       |

|        |                                                     |
|--------|-----------------------------------------------------|
| (int.) | Internal Thread / Innengewinde / Filetage Intérieur |
| (ext.) | External Thread / Außengewinde / Filetage Extérieur |

|   |                                         |
|---|-----------------------------------------|
| ✓ | Available / Liniennorm / Norme de Ligne |
| 🔍 | On request / Auf Anfrage / Sur demande  |

## **ERD-12** Intern valve (V62000 Series)

 **ERD-12** Ventilgesteuert (Serie V62000)

 **ERD-12** Valve (Série V62000)

### Applications / Anwendungen / Applications



### Features

**Main application:** refrigeration systems, pneumatic systems, injection molding machines

**Main fluid of passage:** hydraulic oil and water

**Model:** fluid retention in the male parts (when disconnected)

**Connection:** pulling back the sleeve

**Disconnection:** pulling back the sleeve (holding the male part)

**Connection under pressure:** not allowed

**Disconnection under pressure:** only in case of emergency

**Material:** brass

**Surface treatment:** nickel steel sleeve

**Oilproof seals:** Viton (Fluorocarbon) Double seal attached in Dynamics female part (superior endurance)

**Work temperature:** from -4°F to +392°F

Others seals, springs and threads on request

### Eigenschaften

**Hauptanwendung:** Kühlsysteme, pneumatische Systeme, Blas- und Spritzgießmaschinen

**Hauptflüssigkeitsdurchgang:** Öl und Wasser

**Modell:** mit Flüssigkeitsrückhalt in der weiblichen und männlichen Kupplung beim Trennen

**Verbindung:** Hülsenrückzug

**Trennung:** Hülsenrückzug (den männlichen Stift haltend)

**Verbindung unter Druck:** nicht erlaubt

**Trennung unter Druck:** nur im Notfall erlaubt

**Material:** Messing

**Oberflächenbehandlung:** vernickelte Hülse

**Dichtung:** Viton (Fluorkarbon) Doppelte Dichtung beim Koppeln in der weiblichen Dynamik (überlegene Haltbarkeit)

**Arbeitstemperatur:** -20°C bis +200°C

Weitere Dichtungen, Federn und Gewinde auf Anfrage

### Propriétés

**Application principale:** systèmes de réfrigération, systèmes pneumatiques, machines soufflantes et injectrices

**Passage principal de fluide:** huile et eau

**Modèle:** avec rétention de fluide dans la femelle et le mâle lors du désaccouplement

**Connexion:** rétraction de la manchon

**Déconnexion:** rétraction de la manchon (en tenant la broche mâle)

**Connexion sous pression:** non autorisée

**Déconnexion sous pression:** seulement en cas d'urgence

**Matériau:** laiton

**Traitement de surface:** manchon nickelé

**Joint:** Viton (Fluorocarbène) Double joint lorsqu'accouplé dans la femelle Dynamique (durabilité supérieure)

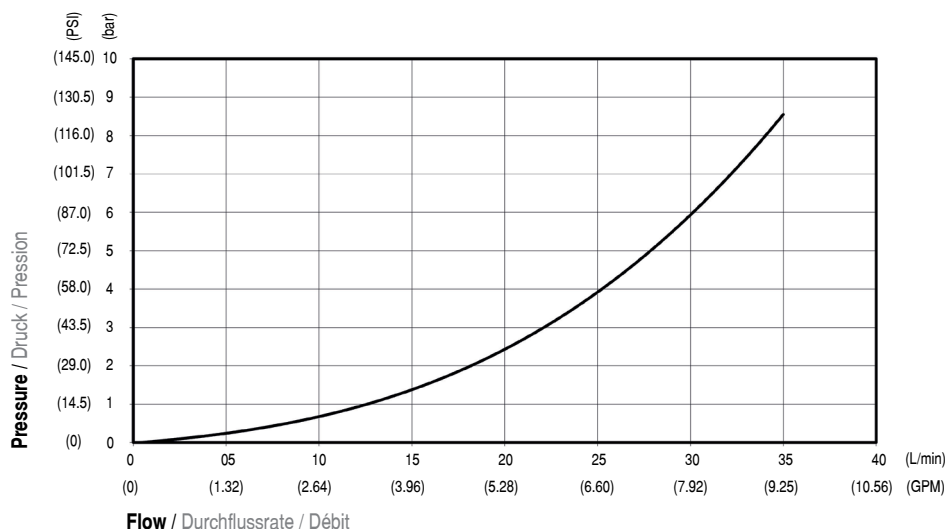
**Température de travail:** de -20°C à +200°C

Autres joints, ressorts et filetages sur demande

### Technical Data / Technische Informationen / Informations Techniques

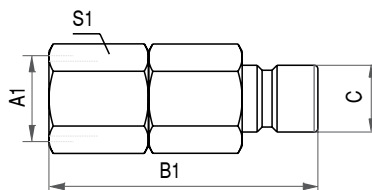
| Size<br>Größe<br>Taille<br>mm (in) | Rated Flow Pressure drop of 2 bar<br>(29 PSI)<br>Nenndurchfluss bei einem Druckverlust<br>von 2 bar (29 PSI)<br>Débit Nominal avec une Perte de<br>Pression de 2 bar (29 PSI)<br>L/min (GPM) | Maximum Work Pressure<br>Maximale Arbeitsdruck<br>Pression Maximale de Travail<br>bar (PSI) | Burst Pressure<br>Berstdruck<br>Pression de Rupture |                                                 | Fluid loss during disconnection (1 bar)<br>Ölverlust beim Trennen (1 bar)<br>Perte d'huile lors de la déconnexion (1 bar)<br>ml (cc) |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
|                                    |                                                                                                                                                                                              |                                                                                             | Male<br>Männlich<br>Mâle<br>bar (PSI)               | Connected<br>Verbunden<br>Connecté<br>bar (PSI) |                                                                                                                                      |
| 9,5 (3/8")                         | 18,0 (4.76)                                                                                                                                                                                  | 32 (4.64)                                                                                   | 100 (1,460)                                         | 130 (1,885)                                     | 1,7 (1.7)                                                                                                                            |

### Pressure Drop / Druckverlust / Perte de Charge



Size  
Größe  
Taille  
■ 9,5 (3/8")

Test performed with oil EP32  
Test mit EP32-Öl Durchgeführt  
Essai Réalisé Avec de l'huile EP32

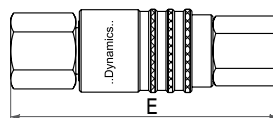
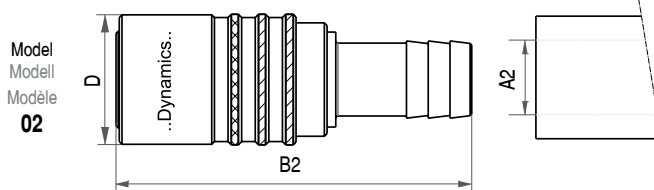
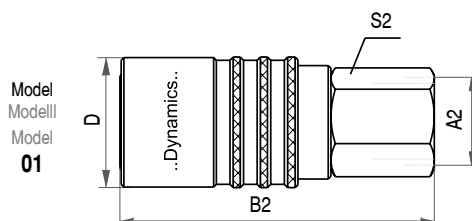


## Male / Männlich / Mâle

| Nominal Diameter<br>Nenndurchmesser<br>Diamètre Nominal<br>(mm) | Code<br>Code<br>Code | A1<br>Thread/Hose<br>Gewinde/Schlauch<br>Filetage/Tuyau | Torque<br>Drehmoment<br>Couple<br>Nm | B1<br>mm (in) | S1<br>mm (in) | C<br>mm (in) | Wight<br>Gewicht<br>Poids<br>g | Stock<br>Lager<br>Stock |
|-----------------------------------------------------------------|----------------------|---------------------------------------------------------|--------------------------------------|---------------|---------------|--------------|--------------------------------|-------------------------|
| 9,5 (3/8")                                                      | 115.062032.V         | 1/4" NPT (int.)                                         | 13 - 19                              | 53,0 (2.087") | 19,1 (3/4")   | 13,4 (0526") | 66                             | 🔍                       |
|                                                                 | 115.062034.V         | 3/8" NPT (int.)                                         | 22 - 30                              | 54,0 (1.126") | 19,1 (3/4")   | 13,4 (0526") | 67                             | 🔍                       |
|                                                                 | 115.062022.V         | 1/4" NPT (ext.)                                         | 13 - 19                              | 52,0 (2.048") | 19,1 (3/4")   | 13,4 (0526") | 56                             | ✓                       |
|                                                                 | 115.062023.V         | 1/4" BSP (ext.)                                         | 18 - 24                              | 50,0 (1.969") | 19,1 (3/4")   | 13,4 (0526") | 60                             | 🔍                       |
|                                                                 | 115.062024.V         | 3/8" NPT (ext.)                                         | 22 - 30                              | 52,0 (2.048") | 19,1 (3/4")   | 13,4 (0526") | 66                             | 🔍                       |
|                                                                 | 115.062026.V         | 1/2" NPT (ext.)                                         | 39 - 49                              | 59,6 (2.347") | 19,1 (3/4")   | 13,4 (0526") | 104                            | ✓                       |

|        |                                                     |
|--------|-----------------------------------------------------|
| (int.) | Internal Thread / Innengewinde / Filetage Intérieur |
| (ext.) | External Thread / Außengewinde / Filetage Extérieur |

|   |                                         |
|---|-----------------------------------------|
| ✓ | Available / Liniennorm / Norme de Ligne |
| 🔍 | On request / Auf Anfrage / Sur demande  |



## Female / Weiblich / Femelle

| Nominal Diameter<br>Nenndurchmesser<br>Diamètre Nominal<br>(mm) | Code<br>Code<br>Code | A2<br>Thread/Hose<br>Gewinde/Schlauch<br>Filetage/Tuyau | Torque<br>Drehmoment<br>Couple<br>Nm | B2<br>mm (in) | S2<br>mm (in) | D<br>mm (in)  | E<br>mm (in)    | Wight<br>Gewicht<br>Poids<br>g | Model<br>Modell<br>Modèle | Stock<br>Lager<br>Stock |
|-----------------------------------------------------------------|----------------------|---------------------------------------------------------|--------------------------------------|---------------|---------------|---------------|-----------------|--------------------------------|---------------------------|-------------------------|
| 9,5 (3/8")                                                      | 112.062032.0         | 1/4" NPT (int.)                                         | 13 - 19                              | 58,0 (2.283") | 17,5 (11/16") | 24,0 (0.945") | B1+B2-14(0.55") | 110                            | 01                        | ✓                       |
|                                                                 | 112.062033.0         | 1/4" BSP (int.)                                         | 18 - 24                              | 58,0 (2.283") | 17,5 (11/16") | 24,0 (0.945") | B1+B2-14(0.55") | 110                            | 01                        | ✓                       |
|                                                                 | 112.062034.0         | 3/8" NPT (int.)                                         | 22 - 30                              | 58,8 (2.315") | 19,1 (3/4")   | 24,0 (0.945") | B1+B2-14(0.55") | 110                            | 01                        | ✓                       |
|                                                                 | 112.062036.0         | 1/2" NPT (int.)                                         | 39 - 49                              | 66,8 (2.630") | 25,4 (1")     | 24,0 (0.945") | B1+B2-14(0.55") | 163                            | 01                        | ✓                       |
|                                                                 | 112.062022.0         | 1/4" NPT (ext.)                                         | 13 - 19                              | 56,8 (2.237") | 17,5 (11/16") | 24,0 (0.945") | B1+B2-14(0.55") | 102                            | 01                        | ✓                       |
|                                                                 | 112.062024.0         | 3/8" NPT (ext.)                                         | 22 - 30                              | 56,8 (2.237") | 17,5 (11/16") | 24,0 (0.945") | B1+B2-14(0.55") | 109                            | 01                        | ✓                       |
|                                                                 | 112.062026.0         | 1/2" NPT (ext.)                                         | 39 - 49                              | 64,4 (2.536") | 22,3 (7/8")   | 24,0 (0.945") | B1+B2-14(0.55") | 148                            | 01                        | ✓                       |
|                                                                 | 112.062027.0         | 1/2" BSP (ext.)                                         | 54 - 66                              | 56,8 (2.237") | 22,3 (7/8")   | 24,0 (0.945") | B1+B2-14(0.55") | 130                            | 01                        | ✓                       |
|                                                                 | 112.062009.0         | Ø 3/8"                                                  | -                                    | 65,4 (2.574") | -             | 24,0 (0.945") | B1+B2-14(0.55") | 96                             | 02                        | ✓                       |
|                                                                 | 112.062010.0         | Ø 1/2"                                                  | -                                    | 65,4 (2.574") | -             | 24,0 (0.945") | B1+B2-14(0.55") | 100                            | 02                        | ✓                       |

|        |                                                     |
|--------|-----------------------------------------------------|
| (int.) | Internal Thread / Innengewinde / Filetage Intérieur |
| (ext.) | External Thread / Außengewinde / Filetage Extérieur |

|   |                                         |
|---|-----------------------------------------|
| ✓ | Available / Liniennorm / Norme de Ligne |
| 🔍 | On request / Auf Anfrage / Sur demande  |

**ERD-14B** (LT66500S Series)**ERD-14B** (Serie LT66500S)**ERD-14B** (Série LT66500S)**Applications / Anwendungen / Applications****Features**

**Main fluid of passage:** hydraulic oil, refrigerant oil or water  
**Connection:** pulling back the sleeve of the female part  
**Disconnection:** pulling back the sleeve of the female part  
**Connection under pressure:** not allowed  
**Disconnection under pressure:** not allowed  
**Material:** brass and wearing parts made of stainless steel AISI 304, springs and balls made of stainless steel  
**Oilproof seals:** FKM (Viton Rubber)  
**Work temperature:** -20°C (-4°F) to 200°C (392°F)  
 Others seals, springs and threads on request

**Eigenschaften**

**Hauptflüssigkeitsdurchgang:** Hydrauliköl, Kältemittelöl oder Wasser  
**Verbindung:** Zurückziehen der Hülse des weiblichen Kupplungsteils  
**Trennung:** Zurückziehen der Hülse des weiblichen Kupplungsteils  
**Verbindung unter Druck:** nicht erlaubt  
**Trennung unter Druck:** nicht erlaubt  
**Austauschbarkeit:** Deutsches Profil  
**Material:** Messing und Verschleißteile aus Edelstahl AISI 304, Edelstahlfedern und -kugeln  
**Dichtung:** FKM (Viton-Gummi)  
**Arbeitstemperatur:** -20°C (-4°F) bis 200°C (392°F)  
 Weibliche Kupplung ohne Verriegelungskugeln, andere Dichtungen und Gewinde auf Anfrage

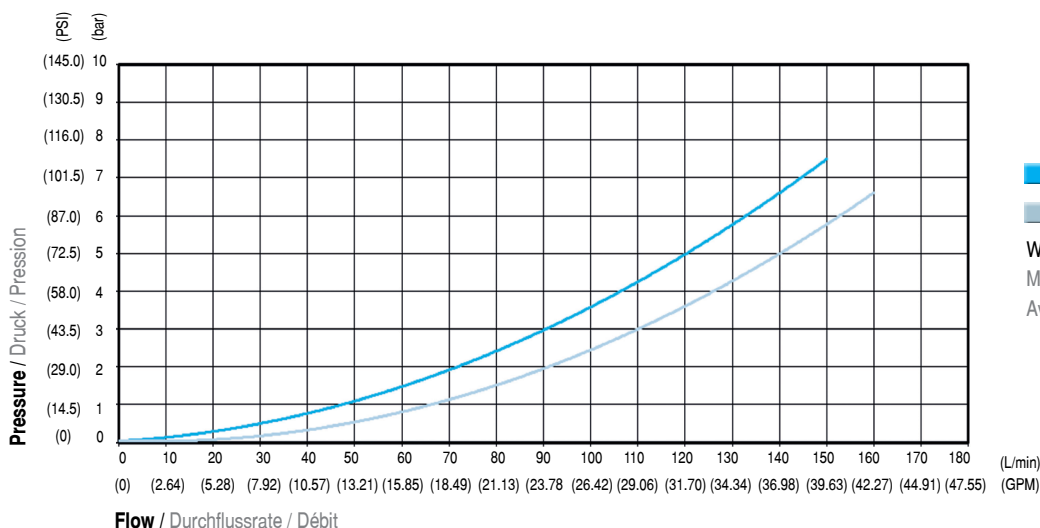
**Propriétés**

**Passage principal de fluide:** huile hydraulique, huile réfrigérante ou eau  
**Connexion:** rétraction du manchon de l'accouplement femelle  
**Déconnexion:** rétraction du manchon de l'accouplement femelle  
**Connexion sous pression:** non autorisée  
**Déconnexion sous pression:** non autorisée  
**Interchangeabilité:** profil Allemand  
**Matériau:** laiton et pièces d'usure en acier inoxydable AISI 304, ressorts et billes en acier inoxydable  
**Joint:** FKM (Caoutchouc Viton)  
**Température de travail:** -20°C (-4°F) jusqu'à 200°C (392°F)  
 Accouplement femelle sans billes de verrouillage, autres joints et filetages sur demande

**Technical Data / Technische Informationen / Informations Techniques**

| Size<br>Größe<br>Taille<br>mm (in) | Rated Flow Pressure drop of 2 bar<br>(29 PSI)<br>Nenndurchfluss bei einem Druckverlust von 2 bar (29 PSI)<br>Débit Nominal avec une Perte de Pression de 2 bar (29 PSI)<br>L/min (GPM) | Maximum Work Pressure<br>Maximale Arbeitsdruck<br>Pression Maximale de Travail<br>bar (PSI) | Burst Pressure<br>Berstdruck<br>Pression de Rupture |                                       |                                                 | Fluid loss during disconnection (1 bar)<br>Ölverlust beim Trennen (1 bar)<br>Perte d'huile lors de la déconnexion (1 bar)<br>ml (cc) |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------|---------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
|                                    |                                                                                                                                                                                        |                                                                                             | Female<br>Weiblich<br>Femelle<br>bar (PSI)          | Male<br>Männlich<br>Mâle<br>bar (PSI) | Connected<br>Verbunden<br>Connecté<br>bar (PSI) |                                                                                                                                      |
| 12,7 (1/2")                        | 72 (19.04)                                                                                                                                                                             | 120 (1.740)*                                                                                | 650 (9,427)                                         | 750 (10,878)                          | 750 (10,878)                                    | 3,80 (0.113)                                                                                                                         |

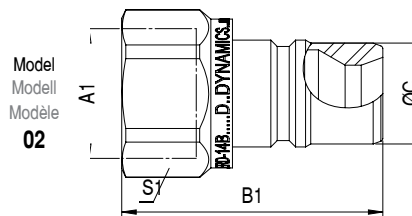
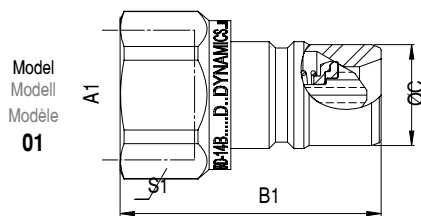
\* Pressão máxima de trabalho da geração anterior de 32 bar (464 PSI) / Presión máxima de trabajo de la generación anterior de 32 bar (464 PSI) / Previous generation maximum working pressure of 32 bar (464 PSI)

**Pressure Drop / Druckverlust / Perte de Charge**

With male coupler without retention valve (model 02)  
 Mit männlich ohne Rückhalt (Modell 02)  
 Avec mâle sans rétention (modèle 02)

Test performed with oil EP32  
 Test mit EP32-Öl Durchgeführt  
 Essai Réalisé Avec de l'huile EP32

## Threads / Gewinde / Filetages



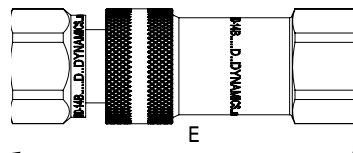
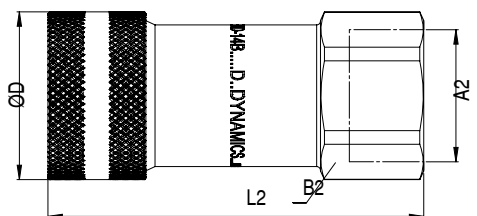
Male / Männlich / Mâle

| Nominal Diameter<br>Nenndurchmesser<br>Diamètre Nominal<br>(mm) | Code<br>Code<br>Code | A1<br>Thread<br>Gewinde<br>Filetage | Thread Standard<br>Gewindenorm<br>Norme de Filetage | Torque<br>Drehmoment<br>Couple<br>Nm | B1<br>mm (in) | S1<br>mm (in)  | C<br>Ø mm (in) | Wight<br>Gewicht<br>Poids<br>g | Model<br>Modell<br>Modèle | Stock<br>Lager<br>Stock |
|-----------------------------------------------------------------|----------------------|-------------------------------------|-----------------------------------------------------|--------------------------------------|---------------|----------------|----------------|--------------------------------|---------------------------|-------------------------|
| 12,7 (1/2")                                                     | 113.066553.T         | 3/4" NPTF (int.)                    | ANSI B1.20.3                                        | 51 - 66                              | 54,4 (2.14")  | 31,8 (1.1/4")  | 21,0 (0.83")   | 131 (0.29)                     | 01                        |                         |
|                                                                 | 113.066554.T         | 3/4" BSP (int.)                     | DIN 3852-2                                          | 90 - 112                             | 54,4 (2.14")  | 31,8 (1.1/4")  | 21,0 (0.83")   | 125 (0.28)                     | 01                        |                         |
|                                                                 | 113.066563.T         | 3/4" NPT (ext.)                     | ANSI B1.20.1                                        | 51 - 66                              | 59,0 (2.32")  | 27,0 (1.1/16") | 21,0 (0.83")   | 121 (0.27)                     | 01                        |                         |
|                                                                 | 113.066553.L         | 3/4" NPTF (int.)                    | ANSI B1.20.3                                        | 51 - 66                              | 54,4 (2.14")  | 31,8 (1.1/4")  | 21,0 (0.83")   | 115 (0.25)                     | 02                        |                         |
|                                                                 | 113.066563.L         | 3/4" NPT (ext.)                     | ANSI B1.20.1                                        | 51 - 66                              | 59,0 (2.32")  | 27,0 (1.1/16") | 21,0 (0.83")   | 104 (0.23)                     | 02                        |                         |

|        |                                                     |
|--------|-----------------------------------------------------|
| (int.) | Internal Thread / Innengewinde / Filetage Intérieur |
| (ext.) | External Thread / Außengewinde / Filetage Extérieur |

|    |                                                 |
|----|-------------------------------------------------|
| 01 | With retention valve / Ventilgesteuert / Valvé  |
| 02 | Free Passage / Freier Durchgang / Passage Libre |

|  |                                         |
|--|-----------------------------------------|
|  | Available / Liniennorm / Norme de Ligne |
|  | On request / Auf Anfrage / Sur demande  |



Female / Weiblich / Femelle

| Nominal Diameter<br>Nenndurchmesser<br>Diamètre Nominal<br>(mm) | Code<br>Code<br>Code | A2<br>Thread<br>Gewinde<br>Filetage | Thread Standard<br>Gewindenorm<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)         | Wight<br>Gewicht<br>Poids<br>g | Stock<br>Lager<br>Stock |
|-----------------------------------------------------------------|----------------------|-------------------------------------|-----------------------------------------------------|--------------------------------------|---------------|---------------|----------------|----------------------|--------------------------------|-------------------------|
| 12,7 (1/2")                                                     | 112.066539.S         | 3/4" NPTF (int.)                    | ANSI B1.20.3                                        | 51 - 66                              | 78,3 (3.08")  | 31,8 (1.1/4") | 35 (1.37")     | L1 + L2 - 25 (0.99") | 331 (0.73)                     |                         |
|                                                                 | 112.066541.S         | 3/4" BSP (int.)                     | DIN 3852-2                                          | 90 - 112                             | 78,3 (3.08")  | 31,8 (1.1/4") | 35 (1.37")     | L1 + L2 - 25 (0.99") | 325 (0.72)                     |                         |

|        |                                                     |
|--------|-----------------------------------------------------|
| (int.) | Internal Thread / Innengewinde / Filetage Intérieur |
| (ext.) | External Thread / Außengewinde / Filetage           |

|  |                                         |
|--|-----------------------------------------|
|  | Available / Liniennorm / Norme de Ligne |
|  | On request / Auf Anfrage / Sur demande  |

# Flat Face High Temperature (T180000SV Series)

## Flachdichtung Hochtemperatur (Serie T180000SV)

## Joint Plat Haute Température (Série T180000SV)

### Applications / Anwendung / Applications



### Features

**Main fluid of passage:** hydraulic or refrigerant oil  
**Connection:** pushing the male coupling  
**Disconnection:** align the groove of the sleeve with the locking balls; then retract the sleeve  
**Connection under pressure:** not allowed  
**Disconnection under pressure:** not allowed  
**Interchangeability:** ISO 16028 standard  
**Material:** carbon steel with sleeve and nipple heat treated  
**Surface treatment:** zinc nickel  
**Seals:** FKM (Viton) and backup ring in PTFE  
**Working temperature:** from -13°F to +212°F  
 Others seals, springs and threads on request

### Eigenschaften

**Hauptdurchflussmittel:** hydrauliköl oder Kühlmittel  
**Verbindung:** einführen des steckers  
**Trennung:** ausrichten der Nut an der hülse mit den riegeln und zurückziehen der hülse  
**Verbindung unter Druck:** nicht erlaubt  
**Trennung unter Druck:** nicht erlaubt  
**Interoperabilität:** Norm ISO 16028  
**Material:** Kohlenstoffstahl mit wärmebehandelten Hülse und Stift  
**Oberflächenbehandlung:** Zink-Nickel  
**Dichtung:** FKM (Viton) und Anti-Extrusionsring aus PTFE  
**Arbeitstemperatur:** -200°C bis +2000°C  
 Weitere dichtungen, federn und gewinde auf anfrage

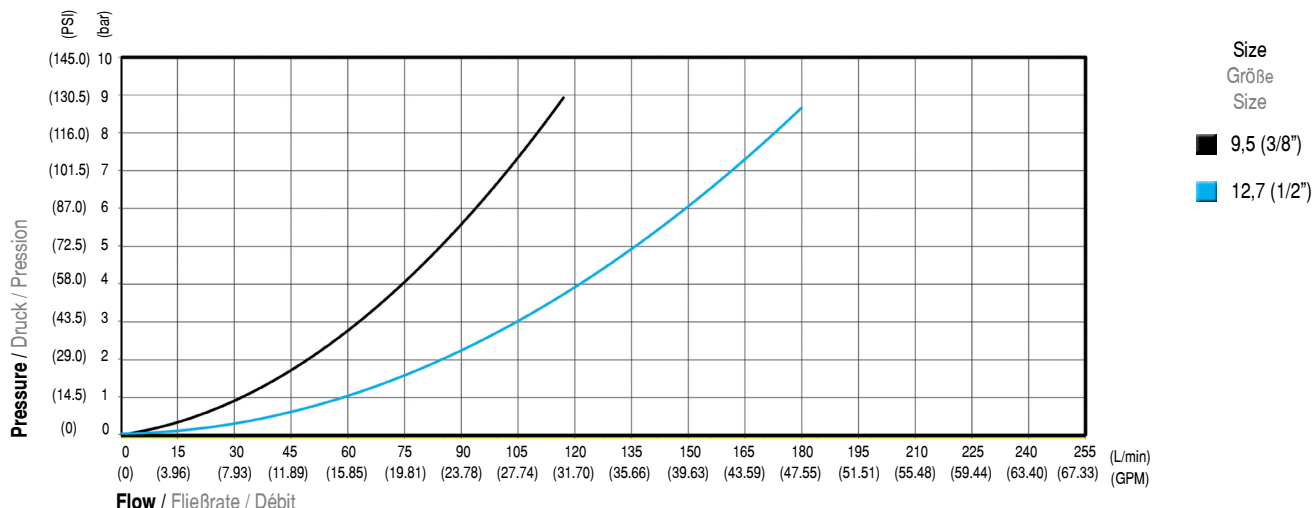
### Propriétés

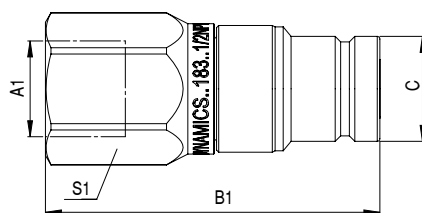
**Fluide principal de passage:** huile hydraulique ou réfrigérant  
**Connexion:** enfoncer le raccord mâle  
**Déconnexion:** aligner la rainure du manchon avec les billes de blocage et rétracter le manchon  
**Connexion sous pression:** non autorisée  
**Déconnexion sous pression:** non autorisée  
**Interchangeabilité:** Norme ISO 16028  
**Matériau:** acier au carbone avec manchon et broche traités thermiquement  
**Traitement de surface:** nickel-zinc  
**Joint d'étanchéité:** FKM (Viton) et bague anti-extrusion en PTFE  
**Température de travail:** -200°C à +2000°C  
 Autres joints, ressorts 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 pressure drop<br>Nenndurchfluss mit Verlust von 2 bar Druck (29 PSI)<br>Débit nominal avec perte de 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) |                                                                                                                                       |
| 9,5 (3/8")                         | 50 (13.21)                                                                                                                                                                       | 350 (5,076)                                                                                     | 1.100 (15,954)                                        | 1.250 (18,130)                        | 1.250 (18,130)                                  | 0,008 (0.0003)                                                                                                                        |
| 12,7 (1/2")                        | 85 (22.45)                                                                                                                                                                       | 350 (5,076)                                                                                     | 1.100 (15,954)                                        | 1.160 (16,824)                        | 1.160 (16,824)                                  | 0,010 (0.0003)                                                                                                                        |

### Pressure Drop / Ladungsverlust / Perte de Cargaion





Male / Männlich / Homme

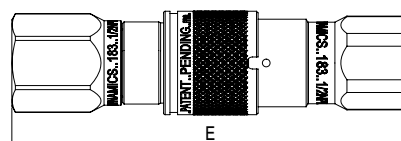
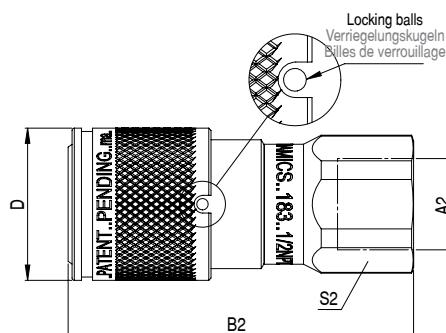
| Size<br>Größe<br>Taille<br>mm (in) | Part Number<br>Code<br>Code | A1<br>Thread<br>Schraube<br>Filetage | Thread Standard<br>Gewindestandard<br>Norme de Filetage | Torque<br>Drehmoment<br>Couple<br>Nm | B1<br>mm (in) | S1<br>mm (in)   | C<br>Ø mm (in) | Weight<br>Gewicht<br>Poids<br>g (lb) | Stock<br>Lagerbestand<br>Stock |
|------------------------------------|-----------------------------|--------------------------------------|---------------------------------------------------------|--------------------------------------|---------------|-----------------|----------------|--------------------------------------|--------------------------------|
| 9,5 (3/8")                         | 115.183436.T                | 3/8" NPTF (int.)                     | ANSI B1.20.3                                            | 30 - 40                              | 59,9 (2.36")  | 22,2 (7/8")     | 19,7 (0.78")   | 110 (0.24)                           | ✓                              |
|                                    | 115.183437.T                | 3/8" BSP (int.)                      | DIN 3852-2                                              | 40 - 56                              | 59,9 (2.36")  | 22,2 (7/8")     | 19,7 (0.78")   | 106 (0.23)                           | 🔍                              |
|                                    | 115.183438.T                | 1/2" NPTF (int.)                     | ANSI B1.20.3                                            | 52 - 66                              | 62,9 (2.47")  | 25,4 (1")       | 19,7 (0.78")   | 134 (0.30)                           | ✓                              |
| 12,7 (1/2")                        | 115.184452.T                | 1/2" NPTF (int.)                     | ANSI B1.20.3                                            | 52 - 66                              | 65,4 (2.57")  | 27,0 (1.11/16") | 24,5 (0.96")   | 178 (0.39)                           | ✓                              |
|                                    | 115.184453.T                | 1/2" BSP (int.)                      | DIN 3852-2                                              | 72 - 88                              | 66,4 (2.61")  | 27,0 (1.11/16") | 24,5 (0.96")   | 178 (0.39)                           | 🔍                              |
|                                    | 115.184454.T                | 3/4" NPTF (int.)                     | ANSI B1.20.3                                            | 68 - 88                              | 68,5 (2.70")  | 34,0 (1.11/32") | 24,5 (0.96")   | 250 (0.55)                           | 🔍                              |

(int.) Internal Thread / Innengewinde / Filetage Intérieur

(ext.) External Thread / Außengewinde / Filetage

✓ Available / Liniennorm / Norme de Ligne

🔍 On request / Auf Anfrage / Sur demande



Fêmea / Hembra / Female

| Size<br>Größe<br>Taille<br>mm (in) | Part Number<br>Code<br>Code | A2<br>Thread<br>Schraube<br>Filetage | 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 |
|------------------------------------|-----------------------------|--------------------------------------|---------------------------------------------------------|--------------------------------------|---------------|-----------------|----------------|--------------------|--------------------------------------|--------------------------------|
| 9,5 (3/8")                         | 117.183732.S                | 3/8" NPT (int.)                      | ANSI B1.20.1                                            | 30 - 40                              | 66,9 (2.63")  | 23,8 (1.18")    | 30,0 (1.18")   | L1 + L2 -15 (0.61) | 199 (0.44)                           | ✓                              |
|                                    | 117.183733.S                | 1/2" NPT (int.)                      | ANSI B1.20.1                                            | 52 - 66                              | 68,1 (2.68")  | 25,4 (1")       | 30,0 (1.18")   | L1 + L2 -15 (0.61) | 197 (0.43)                           | ✓                              |
|                                    | 117.183734.S                | 3/8" BSP (int.)                      | DIN 3852-2                                              | 40 - 56                              | 67,2 (2.65")  | 21,0 (27/32")   | 30,0 (1.18")   | L1 + L2 -15 (0.61) | 185 (0.41)                           | 🔍                              |
| 12,7 (1/2")                        | 117.184731.S                | 1/2" NPT (int.)                      | ANSI B1.20.1                                            | 52 - 66                              | 75,1 (2.95")  | 28,6 (1.11/8")  | 35,0 (1.38")   | L1 + L2 -17 (0.66) | 295 (0.65)                           | ✓                              |
|                                    | 117.184732.S                | 1/2" BSP (int.)                      | DIN 3852-2                                              | 72 - 88                              | 75,1 (2.95")  | 28,6 (1.11/8")  | 35,0 (1.38")   | L1 + L2 -17 (0.66) | 290 (0.64)                           | 🔍                              |
|                                    | 117.184733.S                | 3/4" NPT (int.)                      | ANSI B1.20.1                                            | 68 - 88                              | 79,0 (3.11")  | 33,3 (1.51/16") | 35,0 (1.38")   | L1 + L2 -17 (0.66) | 315 (0.69)                           | 🔍                              |

(int.) Internal Thread / Innengewinde / Filetage Intérieur

(ext.) External Thread / Außengewinde / Filetage Extérieur

✓ Available / Liniennorm / Norme de Ligne

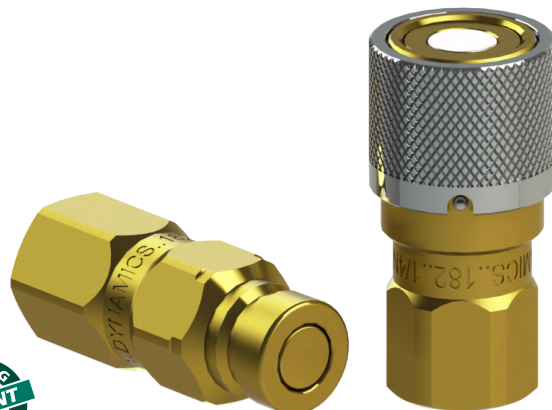
🔍 On request / Auf Anfrage / Sur demande

# Flat Face Brass (N180800LM Series)

## Flachdichtung Aus Messing (Serie N180800LM)

## Joint Plat en Laiton (Série N180800LM)

### Applications / Anwendung / Applications



### Features

**Main fluid of passage:** water, hydraulic or refrigerant oil

**Connection:** pushing the male coupling

**Disconnection:** align the groove of the sleeve with the locking balls; then retract the sleeve

**Connection under pressure:** not allowed

**Disconnection under pressure:** not allowed

**Interchangeability:** ISO 16028 Series standard

**Material:** brass, springs and balls made of stainless steel

**Surface treatment:** sleeve of the female coupler with nickel plating

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

**Working temperature:** from -4°F to +392°F

Female coupling without locking balls, others seals, springs and threads on request

### Eigenschaften

**Hauptdurchflussmedium:** wasser, hydraulisches öl oder kühlmittel

**Verbindung:** einrasten des männlichen steckers

**Trennung:** richten sie den schlitze der hülse mit den sperrkugeln aus und ziehen sie die hülse zurück

**Verbindung unter druck:** nicht erlaubt

**Trennung unter druck:** nicht erlaubt

**Austauschbarkeit:** ISO 16028 Standard

**Material:** Messing, Federn und Kugeln aus edelstahl

**Oberflächenbehandlung:** vernickelte hülse des weiblichen steckers

**Dichtung:** FKM (Viton) und Anti-Extrusionsring aus PTFE

**Arbeitstemperatur:** -20 °C bis +200 °C

Weiblicher stecker ohne sperrkugeln, andere dichtungen, federn und gewinde auf anfrage

### Propriétés

**Fluide principal:** eau, huile hydraulique ou réfrigérant

**Connexion:** enfoncer le raccord mâle

**Déconnexion:** aligner la rainure du manchon avec les billes de blocage et rétracter le manchon

**Connexion sous pression:** non autorisée

**Déconnexion sous pression:** non autorisée

**Interchangeabilité:** norme ISO 16028

**Matériau:** laiton, ressorts et billes en acier inoxydable

**Traitement de surface:** manchon du raccord femelle nickelé

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

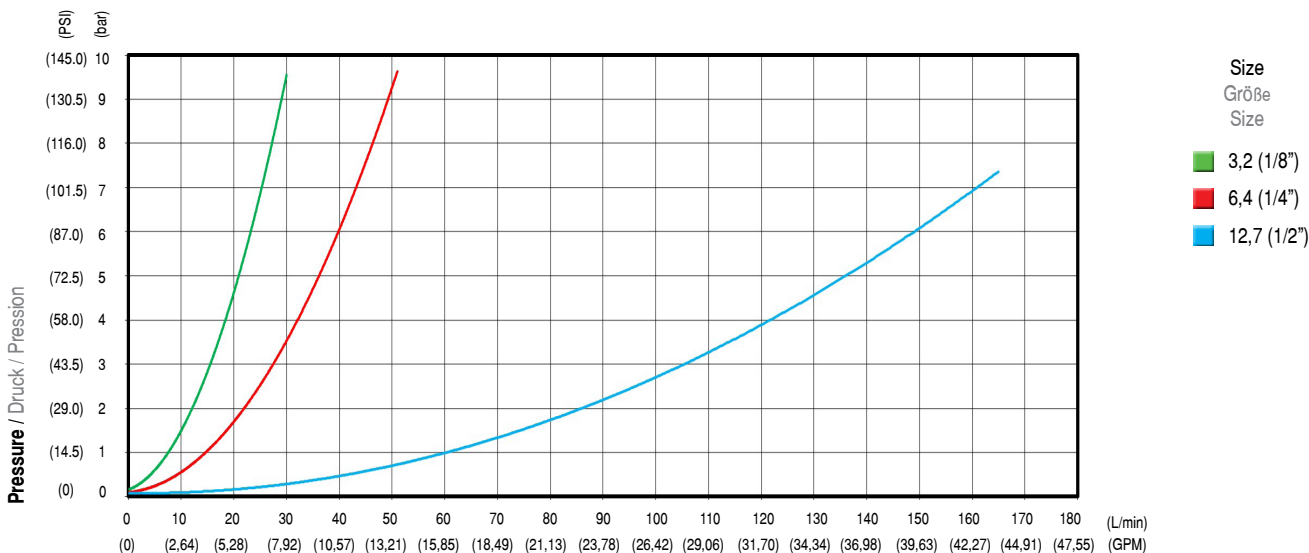
**Température de travail:** -20 °C bis +200 °C

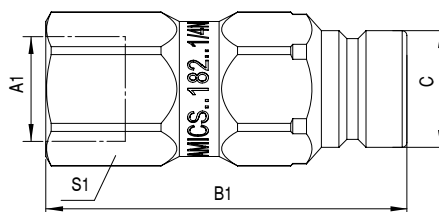
Raccord femelle sans billes de blocage, autres joints, ressorts et filetages sur demande

### Technical Information / Technische Information / Informations Techniques

| Size<br>Größe<br>Taille<br>mm (in) | Rated Flow with 2 bar (29 PSI) of pressure drop<br>Nenndurchfluss mit Verlust von 2 bar Druck (29 PSI)<br>Débit nominal avec perte de 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")                         | 10 (2.64)                                                                                                                                                                        | 250 (3,626)                                                                                     | -----                                                 | -----                                 | -----                                           | 0,008 (0.0003)                                                                                                                        |
| 6,4 (1/4")                         | 23 (6.08)                                                                                                                                                                        | 250 (3,626)                                                                                     | 969 (14,060)                                          | 1.190 (17,26)                         | 1.176 (17,060)                                  | 0,008 (0.0003)                                                                                                                        |
| 12,7 (1/2")                        | 85 (22.45)                                                                                                                                                                       | 120 (1,740)                                                                                     | 850 (12,328)                                          | 1.000 (14,504)                        | 1.000 (14,504)                                  | 0,010 (0.0003)                                                                                                                        |

### Pressure Drop / Ladungsverlust / Perte de Cargaison



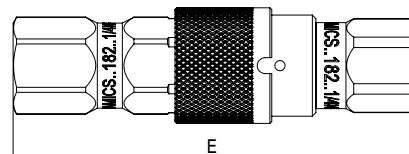
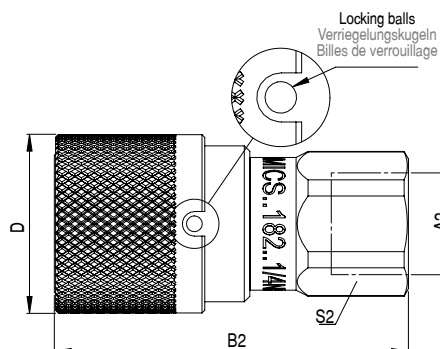


Male / Männlich / Homme

| Size<br>Größe<br>Taille<br>mm (in) | Part Number<br>Code<br>Code | A1<br>Thread<br>Schraube<br>Filetage | 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")                         | 113.181818.N                | 1/8" NPT (int.)                      | ANSI B1.20.1                                            | 14 - 20                              | 42,6 (1.68")  | 15,9 (5/8")     | 11,6 (0.46")   | 44 (0.10)                            |                                |
|                                    | 113.181819.N                | 1/8" BSP (int.)                      | DIN 3852-2                                              | 16 - 22                              | 42,6 (1.68")  | 15,9 (5/8")     | 11,6 (0.46")   | 43 (0.09)                            |                                |
|                                    | 113.181836.N                | 1/8" NPT (ext.)                      | DIN 3852-2                                              | 14 - 20                              | 43,3 (1.70")  | 15,9 (5/8")     | 11,6 (0.46")   | 38 (0.08)                            |                                |
| 6,4 (1/4")                         | 113.181837.N                | 1/4" BSP (ext.)                      | DIN 3852-2                                              | 24 - 32                              | 46,8 (1.84")  | 19,1 (3/4")     | 11,6 (0.46")   | 57 (0.13)                            |                                |
|                                    | 113.182821.N                | 1/4" NPT (int.)                      | ANSI B1.20.1                                            | 18 - 26                              | 50,0 (1.97")  | 19,1 (3/4")     | 16,2 (0.64")   | 78 (0.17)                            |                                |
| 12,7 (1/2")                        | 113.182822.N                | 1/4" BSP (int.)                      | DIN 3852-2                                              | 24 - 32                              | 51,0 (2.01")  | 19,1 (3/4")     | 16,2 (0.64")   | 79 (0.17)                            |                                |
|                                    | 113.184825.N                | 1/2" NPT (int.)                      | ANSI B1.20.1                                            | 52 - 66                              | 64,9 (2.56")  | 27,0 (1.11/16") | 24,5 (0.96")   | 188 (0.41)                           |                                |
|                                    | 113.184826.N                | 1/2" BSP (int.)                      | DIN 3852-2                                              | 72 - 88                              | 65,9 (2.59")  | 27,0 (1.11/16") | 24,5 (0.96")   | 188 (0.41)                           |                                |
|                                    | 113.184827.N                | 3/4" NPT (int.)                      | ANSI B1.20.1                                            | 68 - 88                              | 68,0 (2.68")  | 33,4 (1.51/16") | 24,5 (0.96")   | 259 (0.57)                           |                                |
|                                    | 113.184828.N                | 3/4" BSP (int.)                      | DIN 3852-2                                              | 120 - 150                            | 68,0 (2.68")  | 33,4 (1.51/16") | 24,5 (0.96")   | 258 (0.57)                           |                                |

|        |                                                     |
|--------|-----------------------------------------------------|
| (int.) | Internal Thread / Innengewinde / Filetage Intérieur |
| (ext.) | External Thread / Außengewinde / Filetage Extérieur |

|  |                                         |
|--|-----------------------------------------|
|  | 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>Filetage | 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")                         | 112.181808.L                | 1/8" NPT (int.)                      | ANSI B1.20.1                                            | 14 - 20                              | 40,5 (1.59")  | 14,3 (9/16")    | 19,1 (0.75")   | L1 + L2 - 7,5 (0.30") | 51 (0.11)                            |                                |
|                                    | 112.181810.L                | 1/8" BSP (int.)                      | DIN 3852-2                                              | 16 - 22                              | 40,5 (1.59")  | 14,3 (9/16")    | 19,1 (0.75")   | L1 + L2 - 7,5 (0.30") | 51 (0.11)                            |                                |
|                                    | 112.181812.L                | 1/4" BSP (int.)                      | DIN 3852-2                                              | 24 - 32                              | 45,0 (1.77")  | 14,3 (9/16")    | 19,1 (0.75")   | L1 + L2 - 7,5 (0.30") | 58 (0.13)                            |                                |
| 6,4 (1/4")                         | 112.182810.L                | 1/4" NPT (int.)                      | ANSI B1.20.1                                            | 18 - 26                              | 50,5 (1.99")  | 19,1 (3/4")     | 25,4 (1.00")   | L1 + L2 - 11 (0.45")  | 113 (0.25)                           |                                |
|                                    | 112.182811.L                | 1/4" BSP (int.)                      | DIN 3852-2                                              | 24 - 32                              | 50,5 (1.99")  | 19,1 (3/4")     | 25,4 (1.00")   | L1 + L2 - 11 (0.45")  | 112 (0.25)                           |                                |
| 12,7 (1/2")                        | 112.184814.L                | 1/2" NPT (int.)                      | ANSI B1.20.1                                            | 52 - 66                              | 75,1 (2.76")  | 28,6 (1.11/8")  | 35 (1.37")     | L1 + L2 - 17 (0.66")  | 318 (0.70)                           |                                |
|                                    | 112.184815.L                | 1/2" BSP (int.)                      | DIN 3852-2                                              | 72 - 88                              | 75,1 (2.76")  | 28,6 (1.11/8")  | 35 (1.37")     | L1 + L2 - 17 (0.66")  | 314 (0.69)                           |                                |
|                                    | 112.184816.L                | 3/4" NPT (int.)                      | ANSI B1.20.1                                            | 68 - 88                              | 79,0 (3.11")  | 33,4 (1.51/16") | 35 (1.37")     | L1 + L2 - 17 (0.66")  | 344 (0.76)                           |                                |
|                                    | 112.184817.L                | 3/4" BSP (int.)                      | DIN 3852-2                                              | 120 - 150                            | 77,8 (3.06")  | 33,4 (1.51/16") | 35 (1.37")     | L1 + L2 - 17 (0.66")  | 340 (0.75)                           |                                |

|        |                                                     |
|--------|-----------------------------------------------------|
| (int.) | Internal Thread / Innengewinde / Filetage Intérieur |
| (ext.) | External Thread / Außengewinde / Filetage Extérieur |

|  |                                         |
|--|-----------------------------------------|
|  | Available / Liniennorm / Norme de Ligne |
|  | On request / Auf Anfrage / Sur demande  |

## Male and Female Quick Release Coupling

## ERD-67 Series

## Usage Information

**Main applications:** refrigeration systems, pneumatic systems, injection molding machines

**Main fluid passage:** water and oil

**Model:** free flow

**Connection:** pushing the female coupling (automatic)

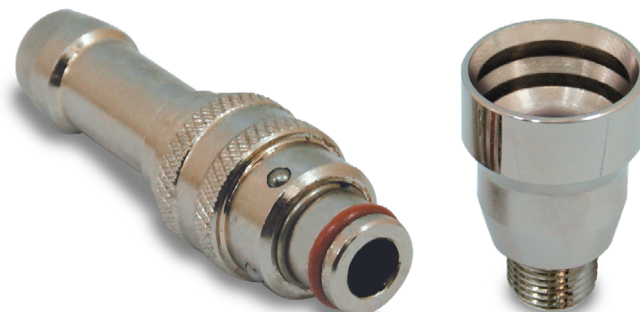
**Disconnection:** pulling back the sleeve

**Connection under pressure:** not allowed

**Disconnection under pressure:** not allowed

## Technical Information

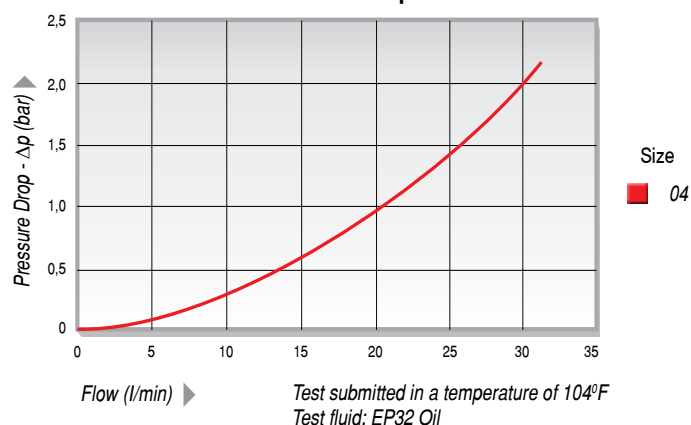
| Size      | Rated Flow<br>Pressure drop of<br>2,0 bar<br>(l/min) | Maximum<br>Work<br>Pressure<br>(bar) | Connected<br>Minimum Burst<br>Pressure<br>(bar) |
|-----------|------------------------------------------------------|--------------------------------------|-------------------------------------------------|
| 04 (1/4") | 30                                                   | 32                                   | 130                                             |



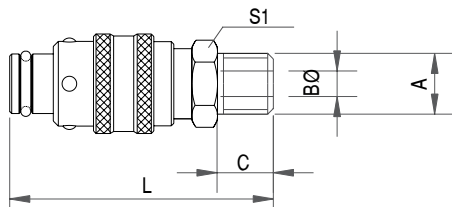
## Materials

- ⇒ Male and female in brass (nickel plated)
- ⇒ High resistance balls in stainless steel
- ⇒ Springs in stainless steel
- ⇒ Oilproof seals in Viton (Fluorocarbon)  
Working temperature from -4°F to +392°F
- ⇒ Others seals, springs and threads on request

Pressure Drop

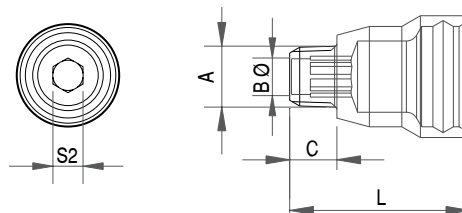


## External Thread



Male

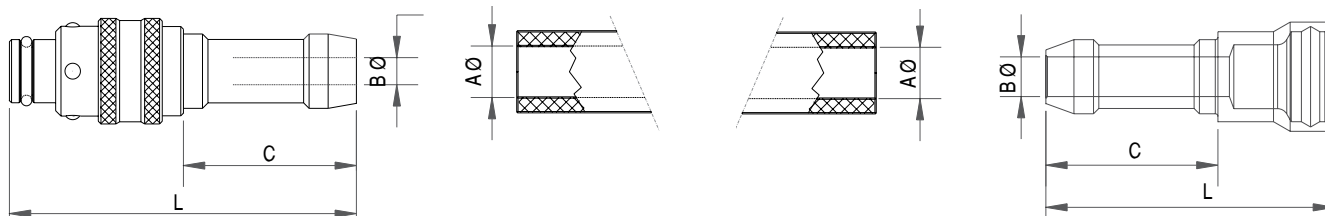
| Size | Code         | A<br>External<br>Thread | B<br>Ø Passage<br>Hole Diameter | C<br>mm | S1<br>mm | L<br>mm |
|------|--------------|-------------------------|---------------------------------|---------|----------|---------|
| 04   | 115.067042.T | 1/4" NPT                | 7,5                             | 12      | 15       | 50      |



Female

| Size | Code         | A<br>External<br>Thread | B<br>Ø Passage<br>Hole Diameter | C<br>mm | S2<br>mm | L<br>mm |
|------|--------------|-------------------------|---------------------------------|---------|----------|---------|
| 04   | 112.067020.0 | 1/8" NPT                | 6,0                             | 8       | 6        | 27      |
| 04   | 112.067025.0 | 1/4" NPT                | 8,2                             | 12      | 5/16"    | 32,5    |
| 04   | 112.067027.0 | 3/8" NPT                | 8,2                             | 12      | 5/16"    | 26,5    |

## Quick Release Coupling for Hose



Male

| Size | Code         | A<br>  Internal<br>Diameter for<br>Hose | B<br>  Passage<br>Hole Diameter | C<br>mm | L<br>mm |
|------|--------------|-----------------------------------------|---------------------------------|---------|---------|
| 04   | 115.067029.T | 3/8"                                    | 6,0                             | 25      | 58      |
| 04   | 115.067030.T | 1/2"                                    | 7,5                             | 32      | 65      |

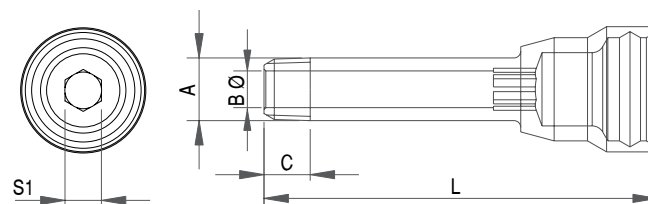
Female

| Size | Code         | A<br>  Internal<br>Diameter for<br>Hose | B<br>  Passage<br>Hole Diameter | C<br>mm | L<br>mm |
|------|--------------|-----------------------------------------|---------------------------------|---------|---------|
| 04   | 112.067008.0 | 1/2"                                    | 7,5                             | 32      | 55      |

## External Thread Extension

Female

| Size | Code         | A<br>External<br>Thread | B<br>  Passage<br>Hole Diameter | C<br>mm | S1<br>mm | L<br>mm |
|------|--------------|-------------------------|---------------------------------|---------|----------|---------|
| 04   | 112.067085.0 | 1/4" NPT                | 8,2                             | 12      | 5/16"    | 100     |



 **ERD-14** (PV64000 Series)

 **ERD-14** (Serie PV64000)

 **ERD-14** (Série PV64000)

## Applications / Anwendung / Applications



## Features

**Main application:** refrigeration systems, pneumatic systems, injection molding machines

**Main fluid of passage:** hydraulic oil and water

**Model:** free passage or fluid retention in the female and male parts (when disconnected)

**Connection:** pulling back the sleeve

**Disconnection:** pulling back the sleeve

**Connection under pressure:** not allowed

**Disconnection under pressure:** not allowed

**Material:** brass

**Oilproof seals:** Viton (Fluorocarbon)

**Work temperature:** from -4F to +392°F

Others seals, springs and threads on request

## Eigenschaften

**Hauptanwendung:** Kühltssysteme, pneumatische Systeme, Blas- und Spritzgießmaschinen

**Hauptflüssigkeitsdurchgang:** Hydrauliköl und Wasser

**Modell:** Freier Durchgang oder mit Flüssigkeitsrückhalt in der weiblichen und männlichen Kupplung beim Trennen

**Verbindung:** Hülsenrückzug

**Trennung:** Hülsenrückzug

**Verbindung unter Druck:** nicht erlaubt

**Trennung unter Druck:** nicht erlaubt

**Material:** Messing

**Dichtung:** Viton (Fluorkarbon)

**Arbeitstemperatur:** -20 °C bis +200 °C

Weitere Dichtungen, Federn und Gewinde auf Anfrage

## Propriétés

**Application principale:** systèmes de réfrigération, systèmes pneumatiques, machines soufflantes et injectrices

**Passage principal de fluide:** huile hydraulique et eau

**Modèle:** passage libre ou avec rétention de fluide dans la femelle et le mâle lors du désaccouplement

**Connexion:** rétraction de la manchon

**Déconnexion:** rétraction de la manchon

**Connexion sous pression:** non autorisée

**Déconnexion sous pression:** non autorisée

**Matériau:** laiton

**Joint:** Viton (Fluorocarbène)

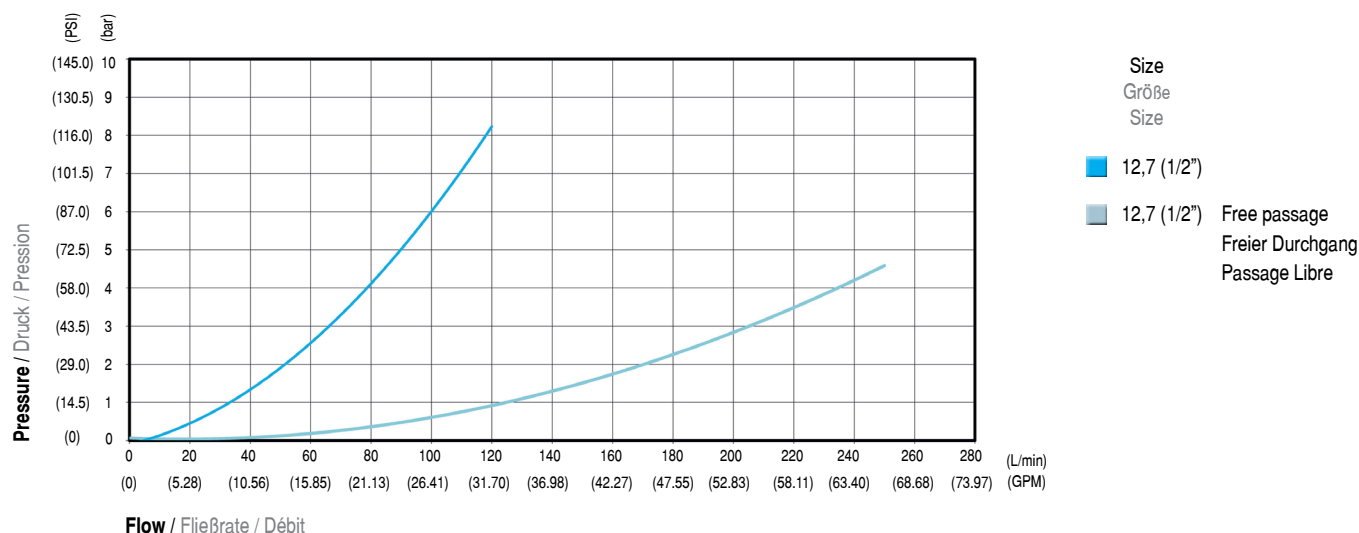
**Température de travail:** de -20 °C à +200 °C

Autres joints, ressorts et filetages sur demande

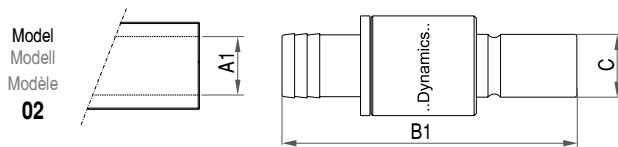
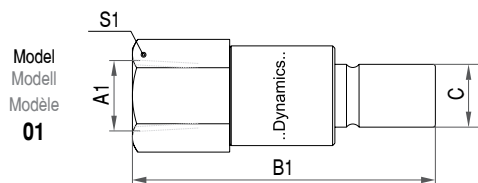
## Technical Information / Technische Information / Informations Techniques

| Size<br>Größe<br>Taille<br>mm (in) | Rated Flow with 2 bar (29 PSI) of pressure drop<br>Nenndurchfluss mit Verlust von 2 bar Druck (29 PSI)<br>Débit nominal avec perte de Pression de 2 bars (29 PSI)<br>L/min (GPM) | Maximum Working Pressure<br>Maximaler Arbeitsdruck<br>Pression de Service Maximale<br>(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) |                                                                                                                                       |
| 12,7 (1/2")                        | 50,0 (13.21)                                                                                                                                                                     | 32 (464)                                                                                    | 130 (1,885)                                           | 120 (1,740)                           | 130 (1,885)                                     | 8,5 (8.5)                                                                                                                             |
| 12,7 (1/2")                        | 162,0 (42.85)                                                                                                                                                                    | 32 (464)                                                                                    | 130 (1,885)                                           | -                                     | 130 (1,885)                                     | Passagem livre/ Passage libre/ Free passage                                                                                           |

## Pressure Drop / Ladungsverlust / Perte de Cargaion



## Threads / Gewinde / Filetages



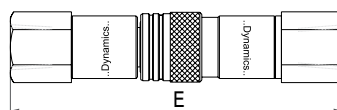
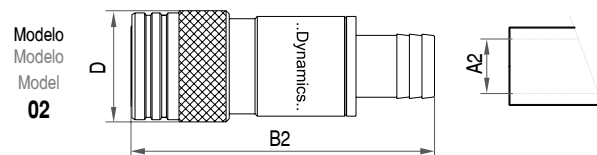
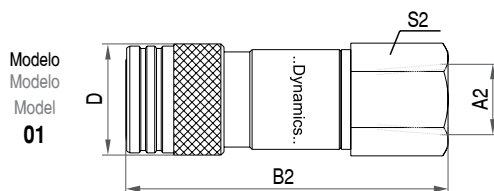
## Male / Männlich / Homme

| Nominal Diameter<br>Nenndurchmesser<br>Diamètre Nominal<br>(mm) | Code<br>Code<br>Code | A1<br>Thread<br>Gewinde<br>Filet | Valve Type<br>Ventiltyp<br>Type de Valve | 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 | Model<br>Modell<br>Modèle | Stock<br>Lagerbestand<br>Stock |
|-----------------------------------------------------------------|----------------------|----------------------------------|------------------------------------------|--------------------------------------|---------------|---------------|----------------|---------------------------------|---------------------------|--------------------------------|
| 12,7 (1/2")                                                     | 115.064340.V         | 3/4" NPT (ext.)                  | V                                        | 51 - 66                              | 90,5 (3.561") | 28,6 (1.1/8") | 20,0 (0.788")  | 0,280                           | 01                        | ✓                              |
|                                                                 | 115.064340.P         | 3/4" NPT (ext.)                  | P                                        | 51 - 66                              | 90,5 (3.561") | 28,6 (1.1/8") | 20,0 (0.788")  | 0,240                           | 01                        | ✓                              |
|                                                                 | 115.064250.V         | Ø 3/4"                           | V                                        | 51 - 66                              | 93,5 (3.682") | -             | 20,0 (0.788")  | 0,236                           | 02                        | ✓                              |
|                                                                 | 115.064250.P         | Ø 3/4"                           | P                                        | 51 - 66                              | 93,5 (3.682") | -             | 20,0 (0.788")  | 0,196                           | 02                        | ✓                              |

|        |                                                     |
|--------|-----------------------------------------------------|
| (int.) | Internal Thread / Innengewinde / Filetage Intérieur |
| (ext.) | External Thread / Außengewinde / Filetage Extérieur |

|   |                                              |
|---|----------------------------------------------|
| V | Internal Valve / Innerventil / Valve Interne |
| P | Free Flow / Freier Durchgang / Passage Libre |

|   |                                         |
|---|-----------------------------------------|
| ✓ | Available / Liniennorm / Norme de Ligne |
| 🔍 | On request / Auf Anfrage / Sur demande  |



## Female / Weiblich / Femelle

| Nominal Diameter<br>Nenndurchmesser<br>Diamètre Nominal<br>(mm) | Code<br>Code<br>Code | A2<br>Thread<br>Gewinde<br>Filet | Valve Type<br>Ventiltyp<br>Type de Valve | 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 | Model<br>Modell<br>Modèle | Stock<br>Lagerbestand<br>Stock |
|-----------------------------------------------------------------|----------------------|----------------------------------|------------------------------------------|--------------------------------------|---------------|---------------|----------------|-----------------|---------------------------------|---------------------------|--------------------------------|
| 12,7 (1/2")                                                     | 112.064340.0         | 3/4" NPT (ext.)                  | V                                        | 51 - 66                              | 93,5 (3.682") | 28,6 (1.1/8") | 35,0 (1.378")  | B1+B2-31(1.22") | 380                             | 01                        | ✓                              |
|                                                                 | 112.064340.P         | 3/4" NPT (ext.)                  | P                                        | 51 - 66                              | 93,5 (3.682") | 28,6 (1.1/8") | 35,0 (1.378")  | B1+B2-31(1.22") | 343                             | 01                        | ✓                              |
|                                                                 | 112.064250.0         | Ø 3/4"                           | V                                        | 51 - 66                              | 96,5 (3.800") | -             | 35,0 (1.378")  | B1+B2-31(1.22") | 348                             | 02                        | ✓                              |
|                                                                 | 112.064250.P         | Ø 3/4"                           | P                                        | 51 - 66                              | 96,5 (3.800") | -             | 35,0 (1.378")  | B1+B2-31(1.22") | 308                             | 02                        | ✓                              |

|        |                                                     |
|--------|-----------------------------------------------------|
| (int.) | Internal Thread / Innengewinde / Filetage Intérieur |
| (ext.) | External Thread / Außengewinde / Filetage Extérieur |

|   |                                              |
|---|----------------------------------------------|
| V | Internal Valve / Innerventil / Valve Interne |
| P | Free Flow / Freier Durchgang / Passage Libre |

|   |                                         |
|---|-----------------------------------------|
| ✓ | Available / Liniennorm / Norme de Ligne |
| 🔍 | On request / Auf Anfrage / Sur demande  |

**ERD-25** (L250100T Series)**ERD-25** (Serie L250100T)**ERD-25** (Série L250100T)**Applications / Anwendung / Applications****Features****Main application:** refrigeration systems, pneumatic systems, injection molding machines**Main fluid of passage:** hydraulic oil and water**Connection:** pulling back the sleeve**Disconnection:** pulling back the sleeve**Connection under pressure:** not allowed**Disconnection under pressure:** not allowed**Material:** brass**Oilproof seals:** Viton (Fluorocarbon)**Work temperature:** from -4°F to +392°F

Others seals, springs and threads on request

**Eigenschaften****Hauptanwendung:** Kühltssysteme, pneumatische Systeme, Blas- und Spritzgießmaschinen**Hauptflüssigkeitsdurchgang:** Hydrauliköl und Wasser**Verbindung:** Hülsenrückzug**Trennung:** Hülsenrückzug**Verbindung unter Druck:** nicht erlaubt**Trennung unter Druck:** nicht erlaubt**Material:** Messing**Dichtung:** Viton (Fluorkarbon)**Arbeitstemperatur:** -20°C bis +200°C

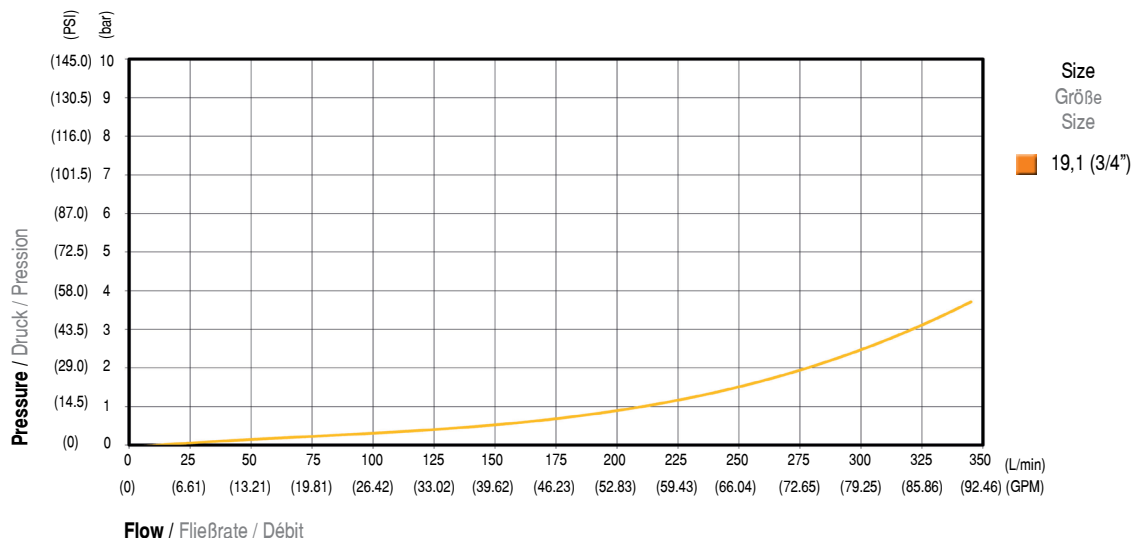
Weitere Dichtungen, Federn und Gewinde auf Anfrage

**Propriétés****Application principale:** systèmes de réfrigération, systèmes pneumatiques, machines soufflantes et injectrices**Passage principal de fluide:** huile hydraulique et eau**Connexion:** rétraction de la manchon**Déconnexion:** rétraction de la manchon**Connexion sous pression:** non autorisée**Déconnexion sous pression:** non autorisée**Matériau:** laiton**Joint:** Viton (Fluorocarbène)**Température de travail:** de -20°C à +200°C

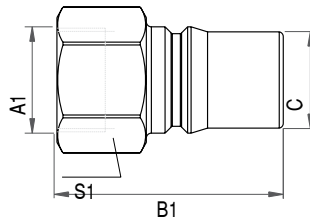
Autres joints, ressorts et filetages sur demande

**Technical Information / Technische Information / Informations Techniques**

| Size<br>Größe<br>Taille<br>mm (in) | Rated Flow with 2 bar (29 PSI) of pressure drop<br>Nenndurchfluss mit Verlust von 2 bar Druck (29 PSI)<br>Débit nominal avec perte de 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 |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------|
|                                    |                                                                                                                                                                                  |                                                                                                 | Connected<br>Verbunden<br>Connecté<br>bar (PSI)       |
| 19,1 (3/4")                        | 275 (72.64)                                                                                                                                                                      | 80 (1.160)                                                                                      | 400 (5.801)                                           |

**Pressure Drop / Ladungsverlust / Perte de Cargaion**

## Threads / Gewinde / Filetages

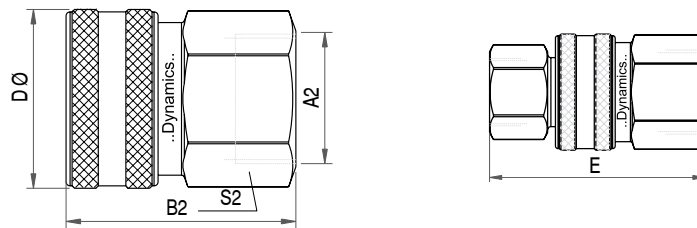


Male / M nnlich / Homme

| Nominal Diameter<br>Nenndurchmesser<br>Diam tre Nominal<br>(mm) | Code<br>Code<br>Code | A2<br>Thread<br>Gewinde<br>Filet | Thread Standard<br>Gewindenorm<br>Norme de Filetage | Torque<br>Drehmoment<br>Couple<br>Nm | B1<br>mm (in) | S1<br>mm (in) | C<br>mm (in)  | Weight<br>Gewicht<br>Poids<br>g | Stock<br>Lager<br>Stock |
|-----------------------------------------------------------------|----------------------|----------------------------------|-----------------------------------------------------|--------------------------------------|---------------|---------------|---------------|---------------------------------|-------------------------|
| 19,1 (3/4")                                                     | 115.250139.L         | 3/4" NPT (int.)                  | ANSI B1.20.1                                        | 22 - 30                              | 56,5 (2.224") | 31,8 (1.1/4") | 24,0 (0.945") | 0,442                           | ✓                       |

|        |                                                     |
|--------|-----------------------------------------------------|
| (int.) | Internal Thread / Innengewinde / Filetage Int rieur |
| (ext.) | External Thread / Au engewinde / Filetage Ext rieur |

|                                           |
|-------------------------------------------|
| ✓ Available / Liniennorm / Norme de Ligne |
| 🔍 On request / Auf Anfrage / Sur demande  |



Female / Weiblich / Femelle

| Nominal Diameter<br>Nenndurchmesser<br>Diam tre Nominal<br>(mm) | Code<br>Code<br>Code | A2<br>Thread<br>Gewinde<br>Filet | Thread Standard<br>Gewindenorm<br>Norme de Filetage | Torque<br>Drehmoment<br>Couple<br>Nm | B2<br>mm (in) | S2<br>mm (in) | D<br>  mm (in) | E<br>mm (in)     | Weight<br>Gewicht<br>Poids<br>g | Stock<br>Lager<br>Stock |
|-----------------------------------------------------------------|----------------------|----------------------------------|-----------------------------------------------------|--------------------------------------|---------------|---------------|----------------|------------------|---------------------------------|-------------------------|
| 19,1 (3/4")                                                     | 117.250123.T         | 3/4" NPT (int.)                  | ANSI B1.20.1                                        | 22 - 30                              | 57,0 (2.244") | 38,1 (1.1/2") | 44,4 (1.748")  | B1+B2-33(1.299") | 0,291                           | ✓                       |

|        |                                                     |
|--------|-----------------------------------------------------|
| (int.) | Internal Thread / Innengewinde / Filetage Int rieur |
| (ext.) | External Thread / Au engewinde / Filetage Ext rieur |

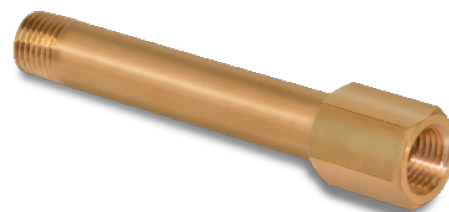
|                                           |
|-------------------------------------------|
| ✓ Available / Liniennorm / Norme de Ligne |
| 🔍 On request / Auf Anfrage / Sur demande  |

## Extensions (61200 Series)

## Verlängerungen (Serie 61200)

## Extensions (Série 61200)

### Applications / Anwendung / Applications



### Features

**Main application:** refrigeration systems, pneumatic systems, injection molding machines

**Main fluid of passage:** water and oil

**Material:** brass

### Eigenschaften

**Hauptanwendung:** Formen- und Matrizenkühlung

**Hauptflüssigkeitsdurchgang:** Hydrauliköl und Wasser

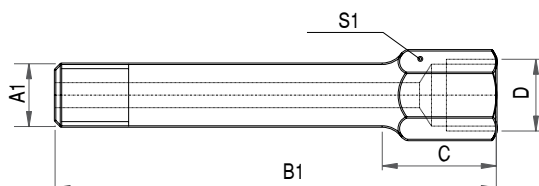
**Material:** Messing

### Propriétés

**Principale application:** Refroidissement des moules et des matrices

**Passage principal du fluide:** Huile hydraulique et eau

**Matériau:** Laiton



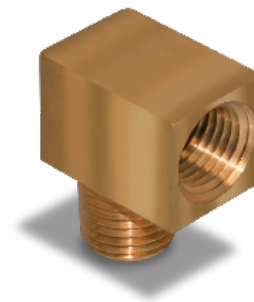
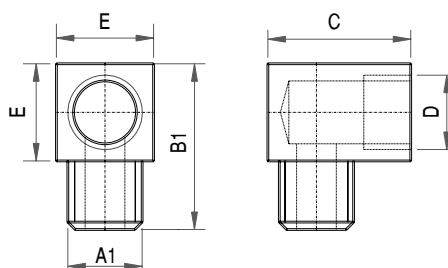
Male / Männlich / Mâle

| Code<br>Code<br>Code | A1<br>Thread<br>Rosca<br>Thread | Torque<br>Drehmoment<br>Couple<br>Nm | B1<br>mm (in)  | C<br>mm (in)  | S1<br>mm (in)  | D<br>Thread<br>Gewinde<br>Filet | Weight<br>Gewicht<br>Poids<br>g | Stock<br>Lagerbestand<br>Stock |
|----------------------|---------------------------------|--------------------------------------|----------------|---------------|----------------|---------------------------------|---------------------------------|--------------------------------|
| 116.061201.0         | 1/4" NPT (ext.)                 | 13 - 19                              | 50,0 (1.969")  | 23,0 (0.906") | 17,50 (11/16") | 1/4" NPT (int.)                 | 46                              | ✓                              |
| 116.061202.0         | 1/4" NPT (ext.)                 | 13 - 19                              | 75,0 (2.953")  | 23,0 (0.906") | 17,50 (11/16") | 1/4" NPT (int.)                 | 64                              | ✓                              |
| 116.061203.0         | 1/4" NPT (ext.)                 | 13 - 19                              | 100,0 (3.937") | 23,0 (0.906") | 17,50 (11/16") | 1/4" NPT (int.)                 | 80                              | ✓                              |

|        |                                                     |
|--------|-----------------------------------------------------|
| (int.) | Internal Thread / Innengewinde / Filetage Intérieur |
| (ext.) | External Thread / Außengewinde / Filetage Extérieur |

|   |                                         |
|---|-----------------------------------------|
| ✓ | Available / Liniennorm / Norme de Ligne |
| 🔍 | On request / Auf Anfrage / Sur demande  |

Accessories / Zubehör / Accessoires

 **Elbow** (61200 Series) **Ellbogen** (Serie 61200) **Coudes** (Série 61200)**Applications / Anwendung / Applications** **Features****Main application:** refrigeration systems, pneumatic systems, injection molding machines**Main fluid of passage:** water and oil**Material:** brass **Eigenschaften****Hauptanwendung:** kühlung von formen und matrizen**Hauptflüssigkeitsdurchgang:** hydrauliköl und wasser**Material:** messing **Propriétés****Principale application:** Refroidissement des moules et matrices**Passage principal du fluide:** Huile hydraulique et eau**Matériau:** Laiton

Male / Männlich / Mâle

| Code<br>Code<br>Code | A1<br>Thread<br>Rosca<br>Thread | Torque<br>Drehmoment<br>Couple<br>Nm | B1<br>mm (in) | C<br>mm (in)  | E<br>mm (in)  | D<br>Thread<br>Gewinde<br>Filet | Weight<br>Gewicht<br>Poids<br>g | Stock<br>Lagerbestand<br>Stock |
|----------------------|---------------------------------|--------------------------------------|---------------|---------------|---------------|---------------------------------|---------------------------------|--------------------------------|
| 116.061208.0         | 1/8" BSP (ext.)                 | 10 - 15                              | 25,0 (0.985") | 25,0 (0.985") | 17,0 (0.670") | 1/8" BSP (int.)                 | 53                              | ✓                              |
| 116.061204.0         | 1/4" NPT (ext.)                 | 10 - 15                              | 30,0 (1.182") | 25,0 (0.985") | 17,0 (0.670") | 1/4" NPT (int.)                 | 47                              | ✓                              |

(int.) Internal Thread / Innengewinde / Filetage Intérieur

(ext.) External Thread / Außengewinde / Filetage Extérieur

✓ Available / Liniennorm / Norme de Ligne

🔍 On request / Auf Anfrage / Sur demande

## Protetores (Série 61300)

### Tapones Protectores (Serie 61300)

### Dust Caps an Plugs (61300 Series)

#### Aplicações / Aplicaciones / Applications



#### Features

**Main application:** protect the contact surface and oilproof seal parts against dirt and contamination as well as external damage

**Material:** Flexible PVC

**Work temperature:** from -13°F to +212°F

Others colors and sizes on request

#### Eigenschaften

**Hauptanwendung:** Schutz der Kontaktflächen und Dicht-/Befestigungselemente des männlichen und weiblichen Teils des Schnellverschlusses vor Schmutz und Stößen im getrennten Zustand.

**Material:** Polyethylen

**Arbeitstemperatur:** -25°C bis +100°C

Weitere Farben und Größen auf Anfrage erhältlich.

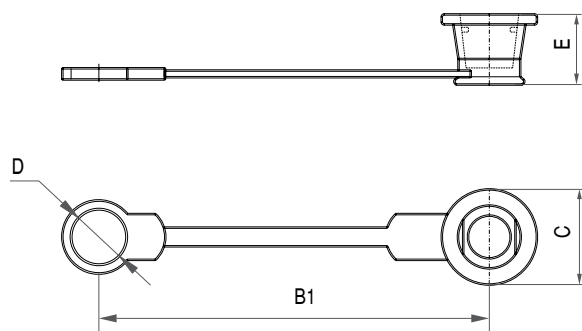
#### Propriétés

**Application principale:** Protéger, lorsqu'ils sont déconnectés, les surfaces de contact et les éléments d'étanchéité/de fixation des parties mâle et femelle du raccord rapide contre la saleté et les chocs.

**Matériau:** Polyéthylène

**Température de travail:** -25°C à +100°C

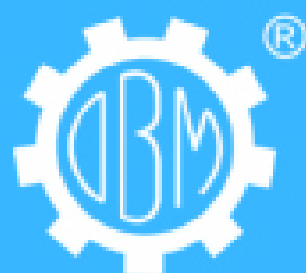
Autres couleurs et tailles disponibles sur demande.



| Series<br>Série<br>Série | Code<br>Code<br>Code | Size<br>Größe<br>Taille<br>mm (in) | Color<br>Farbe<br>Couleur | B1<br>mm (in) | C<br>mm (in)  | E<br>mm (in)  | D<br>mm (in)  | Weight<br>Gewicht<br>Poids<br>g | Stock<br>Lager<br>Stock |
|--------------------------|----------------------|------------------------------------|---------------------------|---------------|---------------|---------------|---------------|---------------------------------|-------------------------|
| ERD-10                   | 116.061300.0         | 6,4 (1/4")                         |                           | 90,0 (3.543") | 19,0 (0.748") | 14,0 (0.552") | 13,7 (0.539") | 1,98                            | ✓                       |
| ERD-12                   | 116.061301.0         | 9,5 (3/8")                         |                           | 90,0 (3.543") | 25,0 (1")     | 19,0 (0.748") | 13,7 (0.539") | 2,08                            | ✓                       |

|        |                                                     |
|--------|-----------------------------------------------------|
| (int.) | Internal Thread / Innengewinde / Filetage Intérieur |
| (ext.) | External Thread / Außengewinde / Filetage Extérieur |

|   |                                         |
|---|-----------------------------------------|
| ✓ | Available / Liniennorm / Norme de Ligne |
| 🔍 | On request / Auf Anfrage / Sur demande  |



# Dynamics

Engates Rápidos

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