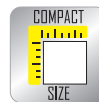


## ISO A Ball (D80200CG Series)

## ISO A Kugel (Serie D80200CG)

## ISO A Boule (Série D80200CG)



### Applications / Anwendungen / Applications



### Features

**Main fluid of passage:** hydraulic oil

**Connection:** pulling back the female sleeve

**Disconnection:** pulling back the female sleeve

**Connection under pressure:** not allowed

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

**Material:** high-grade carbon steel with heat treated wear parts (sleeve and nipple)

**Surface treatment:** zinc plating Cr(III)

**Seals:** NBR (Nitrile Rubber) and backup ring in PTFE

**Working temperature:** -25°C (-13°F) to 100°C (212°F)

Others seals and threads on request

### Eigenschaften

**Hauptdurchflussflüssigkeit:** hydrauliköl

**Verbindung:** weiblichen kupplungshülse einfahren

**Trennung:** weiblichen Kupplungshülse einfahren

**Verbindung unter druck:** nicht erlaubt

**Interkompatibilität:** ISO 7241-1 Serie A Standard

**Material:** hochwertiger kohlenstoffstahl mit wärme-behandelten verschleißteilen (hülse und stift)

**Oberflächenbehandlung:** dreiwertige zinkbeschi-chtung Cr(III)

**Dichtung:** NBR (Nitrilkautschuk) und PTFE-antiextru-sionsring

**Arbeitstemperatur:** -25°C (-13°F) bis 100°C (212°F)

Weitere dichtungen und gewinde auf anfrage

### Propriétés

**Fluide principal de passage:** huile hydraulique

**Connexion:** rétraction de la douille du raccord femelle

**Déconnexion:** rétraction de la douille du raccord femelle

**Connexion sous pression:** non autorisée

**Interchangeabilité:** Norme ISO 7241-1 Série A

**Matériau:** acier au carbone de haute qualité avec pièces d'usure traitées thermiquement (douille et axe)

**Traitement de surface:** galvanisation trivalente au Cr(III)

**Joint:** NBR (Caoutchouc Nitrile) et bague anti-extrusion en PTFE

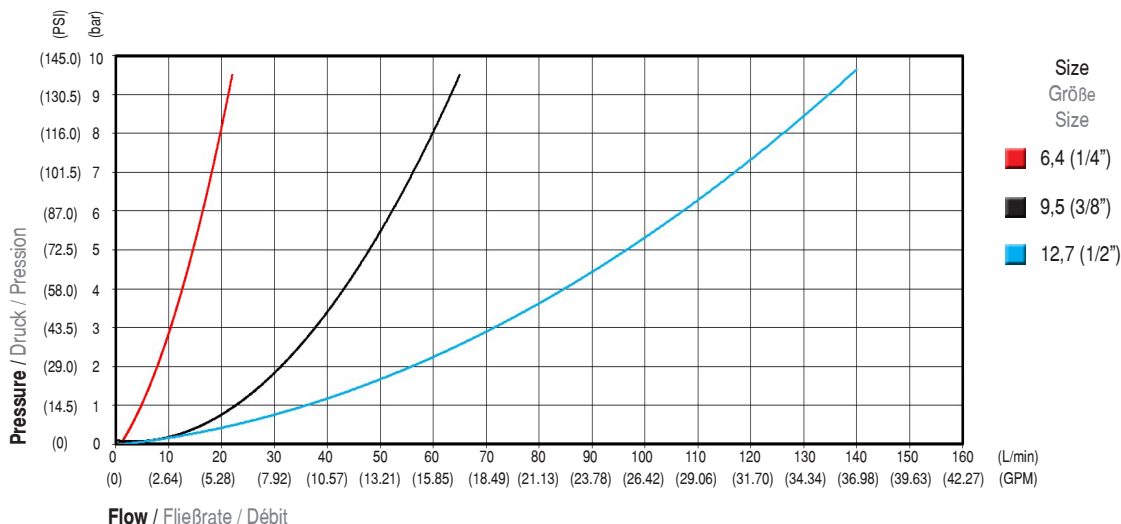
**Température de travail:** -25°C (-13°F) à 100°C (212°F)

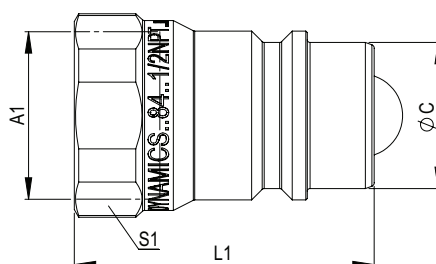
Autres joints et filetages sur demande

### Technical Information / Technische Information / Informations

| Size<br>Größe<br>Taille<br>mm (in) | Rated Flow with 2 bar (29 PSI) of<br>pressure drop<br>Nenndurchfluss mit Verlust von<br>2 bar Druck (29 PSI)<br>Débit nominal avec perte de<br>Pression de 2 bars (29 PSI)<br>L/min (GPM) | Maximum Working Pressure<br>Maximaler Arbeitsdruck<br>Pression de Service Maximale<br>bar (PSI) | Burst Pressure<br>Berstdruck<br>Pression D'éclatement |                                       |                                                 | Fluid loss during discon-<br>nection (14 PSI)<br>Ölverlust beim trennen (1 bar)<br>Perte d'huile lors de la<br>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) |                                                                                                                                               |
| 6,4 (1/4")                         | 8 (2.11)                                                                                                                                                                                  | 350 (5,076)                                                                                     | 1.600 (23,206)                                        | 1.460 (21,175)                        | 1.400 (20,305)                                  | 0,80 (0.027)                                                                                                                                  |
| 9,5 (3/8")                         | 30 (7.93)                                                                                                                                                                                 | 300 (4,351)                                                                                     | 1.200 (17,404)                                        | 1.140 (16,534)                        | 1.100 (15,954)                                  | 1,20 (0.041)                                                                                                                                  |
| 12,7 (1/2")                        | 55 (14.52)                                                                                                                                                                                | 270 (3,916)                                                                                     | 1.240 (17,984)                                        | 1.000 (14,504)                        | 1.110 (16,099)                                  | 1,80 (0.061)                                                                                                                                  |

### Pressure Drop / Ladungsverlust / Perte de Cargaion



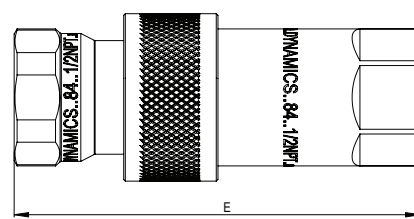
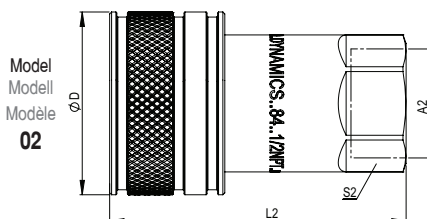
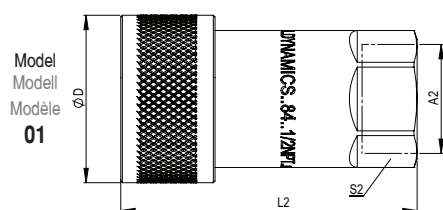


Male / Männlich / Homme

| 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 | L1<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>Lagerbestand<br>Stock |
|------------------------------------|-----------------------------|--------------------------------------|---------------------------------------------------------|--------------------------------------|---------------|----------------|----------------|--------------------------------|---------------------------|--------------------------------|
| 6,4 (1/4")                         | 115.071245.D                | 9/16"UNF ORB (int.)                  | SAE J1926                                               | 26 - 34                              | 32,1 (1.26")  | 19,1 (3/4")    | 11,8 (0.46")   | 28 (0.06)                      | 01                        |                                |
|                                    | 115.071247.D                | 1/4" NPT (int.)                      | ANSI B1.20.1                                            | 18 - 26                              | 30,1 (1.19")  | 19,1 (3/4")    | 11,8 (0.46")   | 29 (0.06)                      | 01                        |                                |
|                                    | 115.071248.D                | 1/4" BSP (int.)                      | DIN 3852-2                                              | 24 - 32                              | 32,7 (1.29")  | 19,1 (3/4")    | 11,8 (0.46")   | 33 (0.07)                      | 01                        |                                |
| 9,5 (3/8")                         | 115.081249.D                | 3/8" NPT (int.)                      | ANSI B1.20.1                                            | 30 - 40                              | 36,0 (1.42")  | 22,2 (7/8")    | 17,3 (0.68")   | 50 (0.11)                      | 01                        |                                |
|                                    | 115.081250.D                | 3/8" BSP (int.)                      | DIN 3852-2                                              | 40 - 55                              | 36,0 (1.42")  | 22,2 (7/8")    | 17,3 (0.68")   | 49 (0.11)                      | 01                        |                                |
|                                    | 115.084251.D                | 1/2" NPT (int.)                      | ANSI B1.20.1                                            | 52 - 66                              | 42,1 (1.66")  | 27,0 (1.1/16") | 20,5 (0.81")   | 98 (0.22)                      | 01                        |                                |
| 12,7 (1/2")                        | 115.084252.D                | 1/2" BSP (int.)                      | DIN 3852-2                                              | 60 - 80                              | 43,1 (1.70")  | 27,0 (1.1/16") | 20,5 (0.81")   | 98 (0.22)                      | 01                        |                                |
|                                    | 115.084253.D                | 3/4"UNF ORB (int.)                   | SAE J1926                                               | 48 - 62                              | 42,1 (1.66")  | 27,0 (1.1/16") | 20,5 (0.81")   | 99 (0.22)                      | 01                        |                                |
|                                    | 115.084254.D                | 7/8"UNF ORB (int.)                   | SAE J1926                                               | 58 - 74                              | 45,0 (1.77")  | 27,0 (1.1/16") | 20,5 (0.81")   | 93 (0.21)                      | 01                        |                                |

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

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



Female / Weiblich / Femelle

| Size<br>Größe<br>Taille<br>mm (in) | Part Number<br>Code<br>Code | A2<br>Thread<br>Schraube<br>Filetage | Thread Standard<br>Gewindestandard<br>Norme de Filetage | Torque<br>Drehmoment<br>Couple<br>Nm | L2<br>mm (in) | S2<br>mm (in) | D<br>Ø mm (in) | E<br>mm (in)    | Wight<br>Gewicht<br>Poids<br>g | Model<br>Modell<br>Modèle | Stock<br>Lagerbestand<br>Stock |
|------------------------------------|-----------------------------|--------------------------------------|---------------------------------------------------------|--------------------------------------|---------------|---------------|----------------|-----------------|--------------------------------|---------------------------|--------------------------------|
| 6,4 (1/4")                         | 117.071230.C                | 9/16"UNF ORB (int.)                  | SAE J1926                                               | 26 - 34                              | 46,2 (1.82")  | 18,0 (23/32") | 22,3 (0.88")   | L1+L2-13(0.51") | 67 (0.15)                      | 01                        |                                |
|                                    | 117.071233.C                | 1/4" NPT (int.)                      | ANSI B1.20.1                                            | 18 - 26                              | 44,8 (1.76")  | 17,5 (11/16") | 22,3 (0.88")   | L1+L2-13(0.51") | 68 (0.15)                      | 01                        |                                |
|                                    | 117.071234.C                | 1/4" BSP (int.)                      | DIN 3852-2                                              | 24 - 32                              | 46,2 (1.82")  | 17,5 (11/16") | 22,3 (0.88")   | L1+L2-13(0.51") | 70 (0.15)                      | 01                        |                                |
| 9,5 (3/8")                         | 117.081235.C                | 3/8" NPT (int.)                      | ANSI B1.20.1                                            | 30 - 40                              | 52,5 (2.07")  | 19,9 (25/32") | 28,6 (1.13")   | L1+L2-16(0.63") | 104 (0.23)                     | 01                        |                                |
|                                    | 117.081236.C                | 3/8" BSP (int.)                      | DIN 3852-2                                              | 40 - 55                              | 52,5 (2.07")  | 19,9 (25/32") | 28,6 (1.13")   | L1+L2-16(0.63") | 103 (0.23)                     | 01                        |                                |
|                                    | 117.084237.C                | 1/2" NPT (int.)                      | ANSI B1.20.1                                            | 52 - 66                              | 61,5 (2.42")  | 25,4 (1")     | 35,0 (1.38")   | L1+L2-19(0.75") | 202 (0.45)                     | 01                        |                                |
| 12,7 (1/2")                        | 117.084238.C                | 1/2" BSP (int.)                      | DIN 3852-2                                              | 60 - 80                              | 62,3 (2.45")  | 25,4 (1")     | 35,0 (1.38")   | L1+L2-19(0.75") | 201 (0.44)                     | 01                        |                                |
|                                    | 117.084239.C                | 3/4"UNF ORB (int.)                   | SAE J1926                                               | 48 - 62                              | 61,5 (2.42")  | 25,4 (1")     | 35,0 (1.38")   | L1+L2-19(0.75") | 203 (0.45)                     | 01                        |                                |
|                                    | 117.084241.C                | 7/8"UNF ORB (int.)                   | SAE J1926                                               | 58 - 74                              | 64,1 (2.52")  | 28,6 (1.1/8") | 35,0 (1.38")   | L1+L2-19(0.75") | 237 (0.52)                     | 01                        |                                |
|                                    | 117.084236.G*               | M22x1,50 ORB (int.)                  | ISO 6149                                                | 74 - 96                              | 64,0 (2.52")  | 28,6 (1.1/8") | 38,1 (1.50")   | L1+L2-19(0.75") | 269 (0.59)                     | 04                        |                                |
|                                    | 117.084237.G*               | 1/2" NPT (int.)                      | ANSI B1.20.1                                            | 52 - 66                              | 61,5 (2.42")  | 25,4 (1")     | 38,1 (1.50")   | L1+L2-19(0.75") | 235 (0.52)                     | 04                        |                                |

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

|  |                                                                                                                              |
|--|------------------------------------------------------------------------------------------------------------------------------|
|  | * Retaining Ring / O-Ring / Joint Torique = 451.501038.0 (Ø38 mm)<br>Sold separately / Separat erhältlich / Vendu séparément |
|--|------------------------------------------------------------------------------------------------------------------------------|

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