

# Series 320 – Standard & Vented Safety

CEJN ORIGINAL STANDARD, EUROSTANDARD 7.6 (7.4)  
GLOBAL

Couplings

16

- **Extremely high flow capacity**
- **Easy to connect**
- **Strong and durable**

Series 320 couplings feature the original high-flow valve design upon which all other CEJN pneumatic couplings are based. Their popularity has made Series 320 a European standard. The Series is easy-to-handle and one-hand operated and offers long service life. Male threads on the couplings and nipples feature pre-applied thread sealant. Lightweight aluminum styles are also available (also see the Aluminum Couplings section of this catalog).

The Series 320 vented safety version is disconnected in two stages in order to vent the coupling and minimize the risk of sudden component separation, which has the potential to cause operator injury. Full automatic operation ensures easy handling. The vented safety version complies with ISO Standard 4414 and EN 983.

Refer to the CEJN Fluid Products Catalog for specialized versions of Series 320 with brass nipples (Series 321), high-pressure straight-through design (Series 322), two-way shutoff (Series 324), and stainless steel construction (Series 326).



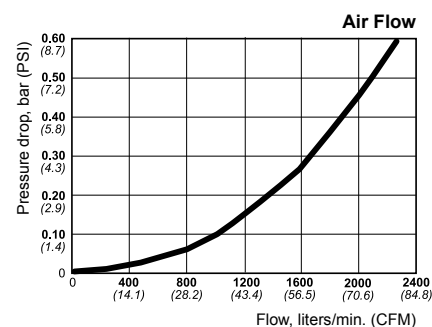
This series includes safety products.  
For other safety products, see Page 71-78.



## STANDARD

### Technical Data

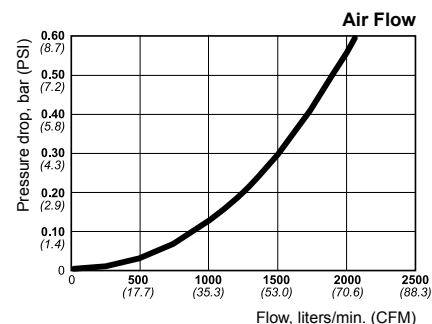
|                            |                                  |
|----------------------------|----------------------------------|
| Nominal flow dia.....      | 7.6 mm (5/16")                   |
| Flow capacity.....         | 2100 l/min. (74.2 CFM)           |
| Max. working pressure..... | 16 bar (232 PSI)                 |
| Min. burst pressure.....   | 140 bar (2,030 PSI)              |
| Temperature range.....     | -20°C to +100°C (-4°F to +212°F) |
| Coupling material.....     | Zinc-plated steel/brass          |
| Nipple material.....       | Hardened zinc-plated steel       |
| Connection force.....      | 70.7 N                           |



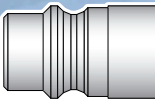
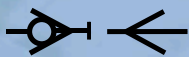
## VENTED SAFETY

### Technical Data

|                            |                                 |
|----------------------------|---------------------------------|
| Nominal flow dia.....      | 7.6 mm (5/16")                  |
| Flow capacity.....         | 1900 l/min. (67.1 CFM)          |
| Max. working pressure..... | 16 bar (232 PSI)                |
| Min. burst pressure.....   | 64 bar (928 PSI)                |
| Temperature range.....     | -20°C to +80°C (-4°F to +176°F) |
| Coupling material.....     | Zinc-plated steel/brass         |
| Connection force.....      | 64.0 N                          |



Flow capacity is measured at 6 bar (87 PSI) inlet pressure, and pressure drop at 0.5 bar (7 PSI). Thread connections are listed according to ISO Standards (see Page 82 for more information). Check with an authorized CEJN distributor for availability and prices.


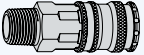
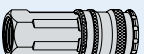


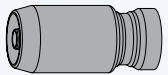



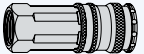

# Series 320 – Standard & Vented Safety

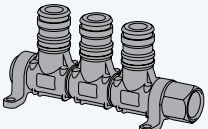
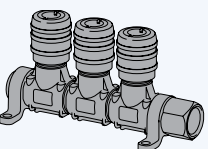
CEJN ORIGINAL STANDARD, EUROSTANDARD 7.6 (7.4)






This series includes safety products.  
For other safety products, see Page 71-78.




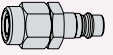



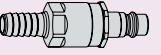
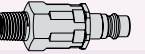
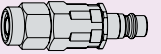
| COUPLINGS   | Part No.               | Connection               |
|---|------------------------|--------------------------|
| <b>Hose connection</b><br>           | 10 320 1002            | 6.3 mm (1/4")            |
|   | 10 320 1003            | 8 mm (5/16")             |
|   | 10 320 1009            | 9 mm                     |
|   | 10 320 1004            | 10 mm (3/8")             |
|   | 10 320 1005            | 13 mm (1/2")             |
| <b>Male thread</b><br>               | 10 320 1152            | R 1/4"                   |
|   | 10 320 1154            | R 3/8"                   |
|   | 10 320 1155            | R 1/2"                   |
|   | 10 320 1452            | NPT 1/4"                 |
|   | 10 320 1454            | NPT 3/8"                 |
|   | 10 320 1455            | NPT 1/2"                 |
| <b>Female thread</b><br>             | 10 320 1202            | G 1/4"                   |
|   | 10 320 1204            | G 3/8"                   |
|   | 10 320 1205            | G 1/2"                   |
|   | 10 320 1402            | NPT 1/4"                 |
|   | 10 320 1404            | NPT 3/8"                 |
|   | 10 320 1405            | NPT 1/2"                 |
| <b>Stream-Line connection</b><br>    | 10 320 1058            | 5 x 8 mm                 |
|   | 10 320 1060            | 6.5 x 10 mm              |
|   | 10 320 1062            | 8 x 12 mm                |
|   | 10 320 1063            | 9.5 x 13.5 mm            |
|   | 10 320 1066            | 11 x 16 mm               |
| <b>CEJN-Lock hose connection</b><br> | 10 320 1032            | 1/4"                     |
|   | 10 320 1034            | 3/8"                     |
|   | 10 320 1035            | 1/2"                     |
| <b>Soft-Line</b><br>(Page 26)<br>   | Hose connection        | 10 320 1086 10 mm (3/8") |
|   |                        | 10 320 1087 13 mm (1/2") |
|   | Stream-Line connection | 10 320 1089 6.5 x 10 mm  |
|   |                        | 10 320 1090 8 x 12 mm    |
|   | Female thread          | 10 320 1246 G 1/4"       |
|   | 10 320 1247 G 3/8"     |                          |

| ALUMINUM COUPLINGS (Page 28)   | Part No.    | Connection    |
|--|-------------|---------------|
| <b>Hose connection</b><br>        | 10 320 1932 | 6.3 mm (1/4") |
|  | 10 320 1934 | 10 mm (3/8")  |
|  | 10 320 1935 | 13 mm (1/2")  |
| <b>Female thread</b><br>          | 10 320 1942 | G 1/4"        |
|  | 10 320 1972 | NPT 1/4"      |
|  | 10 320 1974 | NPT 3/8"      |
| <b>Stream-Line Connection</b><br> | 10 320 1960 | 6.5 x 10 mm   |
|  | 10 320 1962 | 8 x 12 mm     |

| MULTI-LINK (page 30)  | Part No.    | Connection |
|---|-------------|------------|
| <b>2-outlet unit</b>  | 19 902 9912 | G 1/2"     |
| <b>3-outlet unit</b>  | 19 902 9913 | G 1/2"     |
|  |             |            |
| <b>2-outlet unit, Vented Safety</b>   | 19 902 9932 | G 1/2"     |
| <b>3-outlet unit, Vented Safety</b>   | 19 902 9933 | G 1/2"     |
|  |             |            |

| VENTED SAFETY COUPLINGS  | Part No.  | Connection                |
|--|---|---------------------------|
| <b>Hose connection</b><br>        | 10 320 3002   | 6.3 mm (1/4")             |
|  | 10 320 3003   | 8 mm (5/16")              |
|  | 10 320 3004   | 10 mm (3/8")              |
|  | 10 320 3005   | 13 mm (1/2")              |
|  | <b>Male thread</b><br> | 10 320 3152               |
| 10 320 3154  |   | R 3/8"                    |
| 10 320 3155  |   | R 1/2"                    |
| 10 320 3452  |   | NPT 1/4"                  |
| 10 320 3454  |   | NPT 3/8"                  |
| <b>Female thread</b><br>          | 10 320 3202   | G 1/4"                    |
|  | 10 320 3204   | G 3/8"                    |
|  | 10 320 3205   | G 1/2"                    |
|  | 10 320 3402   | NPT 1/4"                  |
|  | 10 320 3404   | NPT 3/8"                  |
| <b>Stream-Line connection</b><br> | 10 320 3060   | 6.5 x 10 mm               |
|  | 10 320 3062   | 8 x 12 mm                 |
| <b>Soft-Line</b><br>(Page 26)<br> | Stream-Line connection  | 10 320 3063 9.5 x 13.5 mm |
|  |   | 10 320 3066 11 x 16 mm    |
|  |   | 10 320 3080 6.5 x 10 mm   |
|  | 10 320 3082   | 8 x 12 mm                 |

| NIPPLES   | Part No.    | Connection    |
|---|-------------|---------------|
| <b>Hose connection</b><br>           | 10 320 5001 | 5 mm (3/16")  |
|   | 10 320 5002 | 6.3 mm (1/4") |
|   | 10 320 5003 | 8 mm (5/16")  |
|   | 10 320 5004 | 10 mm (3/8")  |
|   | 10 320 5005 | 13 mm (1/2")  |
| <b>Male thread</b><br>               | 10 320 5151 | R 1/8"        |
|   | 10 320 5152 | R 1/4"        |
|   | 10 320 5154 | R 3/8"        |
|   | 10 320 5155 | R 1/2"        |
|   | 10 320 5263 | G 1/4"        |
|   | 10 320 5264 | G 3/8"        |
|   | 10 320 5265 | G 1/2"        |
|   | 10 320 5451 | NPT 1/8"      |
|   | 10 320 5452 | NPT 1/4"      |
|   | 10 320 5454 | NPT 3/8"      |
|   | 10 320 5455 | NPT 1/2"      |
| <b>Female thread</b><br>             | 10 320 5201 | G 1/8"        |
|   | 10 320 5202 | G 1/4"        |
|   | 10 320 5204 | G 3/8"        |
|   | 10 320 5205 | G 1/2"        |
|   | 10 320 5401 | NPT 1/8"      |
|   | 10 320 5402 | NPT 1/4"      |
|   | 10 320 5404 | NPT 3/8"      |
|   | 10 320 5405 | NPT 1/2"      |
| <b>Stream-Line connection</b><br>    | 10 320 5058 | 5 x 8 mm      |
|   | 10 320 5060 | 6.5 x 10 mm   |
|   | 10 320 5062 | 8 x 12 mm     |
|   | 10 320 5063 | 9.5 x 13.5 mm |
|   | 10 320 5066 | 11 x 16 mm    |
| <b>CEJN-Lock hose connection</b><br> | 10 320 5032 | 1/4"          |
|   | 10 320 5034 | 3/8"          |
|   | 10 320 5035 | 1/2"          |

| ANTI-HOSE WHIP NIPPLES   | Part No.    | Connection    |
|--|-------------|---------------|
| <b>Hose connection</b><br>        | 10 320 8002 | 6.3 mm (1/4") |
|  | 10 320 8003 | 8 mm (5/16")  |
|  | 10 320 8004 | 10 mm (3/8")  |
|  | 10 320 8005 | 13 mm (1/2")  |
| <b>Male thread</b><br>            | 10 320 8152 | R 1/4"        |
| <b>Stream-Line connection</b><br> | 10 320 8060 | 6.5 x 10 mm   |
|  | 10 320 8062 | 8 x 12 mm     |
|  | 10 320 8063 | 9.5 x 13.5 mm |
|  | 10 320 8066 | 11 x 16 mm    |

Flow capacity is measured at 6 bar (87 PSI) inlet pressure, and pressure drop at 0.5 bar (7 PSI). Thread connections are listed according to ISO Standards (see Page 82 for more information). Check with an authorized CEJN distributor for availability and prices.