

Nominal Diameter

3 = 7 mm²

Rectus Series

303

Low Pressure

**Technical Description**

Mini industrial coupling with plug profile according to ISO 6150 C. Popular profile in analytical and medical technology. Above average flow rate performance for liquid and gaseous media.

Working Temperature*

-15°C up to +200°C (FKM)
depending on the medium.

* For temperatures below -15°C and over +200°C and depending on the medium, other seal variants (EPDM, FFKM) are available.

**Working Pressure****

35 bar

** maximum static working pressure with design factor 4 to 1.

Material

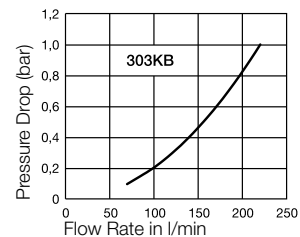
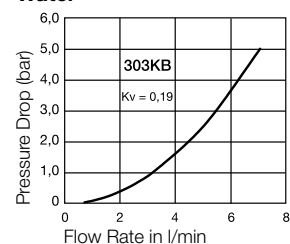
Coupling: AISI 316L

Plug: AISI 316L

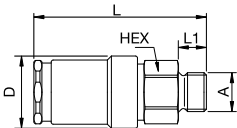
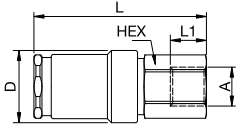
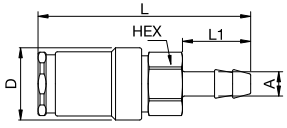
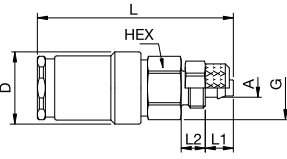
Seals: FKM

Interchangeability

- ISO 6150 C

Flow diagrams**Air****Water**

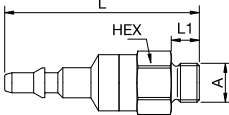
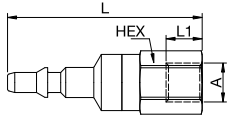
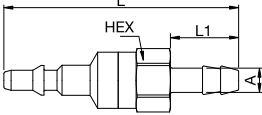
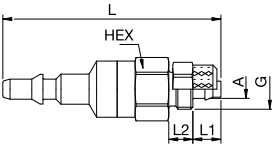


| | Connection A | HEX mm | HEX1 mm | L mm | L1 mm | L2 mm | D mm | B mm | G mm | Version | Part Number |
|---|--------------|--------|---------|------|-------|-------|------|------|----------|---------|--------------|
|  <p>Male Thread</p> | G 1/8 | 14 | | 43 | 7 | | 18 | | | | 303KBAW10EVX |
| | G 1/4 | 17 | | 45 | 9 | | 18 | | | | 303KBAW13EVX |
| | | | | | | | | | | | |
|  <p>Female Thread</p> | G 1/8 | 14 | | 43 | 9 | | 18 | | | | 303KBIW10EVX |
| | G 1/4 | 17 | | 45 | 9 | | 18 | | | | 303KBIW13EVX |
| | | | | | | | | | | | |
|  <p>Hose Barb</p> | 4 mm | 14 | | 53 | 17 | | 18 | | | | 303KBTF04EVX |
| | 6 mm | 14 | | 53 | 17 | | 18 | | | | 303KBTF06EVX |
| | | | | | | | | | | | |
|  <p>with Plastic Hose Connection</p> | 4 x 6 mm | 14 | 12 | 49 | 7 | 6 | 18 | | M 10 x 1 | | 303KBKO06EVX |
| | 6 x 8 mm | 14 | 14 | 49 | 7 | 6 | 18 | | M 12 x 1 | | 303KBKO08EVX |
| | | | | | | | | | | | |



Plugs – with valve

Series 303KB

| | Connection A | HEX mm | HEX1 mm | L mm | L1 mm | L2 mm | D mm | B mm | G mm | Version | Part Number |
|---|-----------------|-----------|------------|---------|----------|----------|---------|---------|----------|---------|--------------|
|  <p>Male Thread</p> | G 1/8 | 14 | | 48,5 | 7 | | | | | | 303SBAW10EVX |
| | G 1/4 | 17 | | 50,5 | 9 | | | | | | 303SBAW13EVX |
| | | | | | | | | | | | |
|  <p>Female Thread</p> | G 1/8 | 14 | | 48,5 | 9 | | | | | | 303SBIW10EVX |
| | G 1/4 | 17 | | 50,5 | 9 | | | | | | 303SBIW13EVX |
| | | | | | | | | | | | |
|  <p>Hose Barb</p> | 4 mm | 14 | | 58,5 | 17 | | | | | | 303SBTF04EVX |
| | 6 mm | 14 | | 58,5 | 17 | | | | | | 303SBTF06EVX |
| | | | | | | | | | | | |
|  <p>with Plastic Hose Connection</p> | 4 x 6 mm | 14 | 12 | 54,5 | 7 | 6 | | | M 10 x 1 | | 303SBKO06EVX |
| | 6 x 8 mm | 14 | 14 | 54,5 | 7 | 6 | | | M 12 x 1 | | 303SBKO08EVX |
| | | | | | | | | | | | |