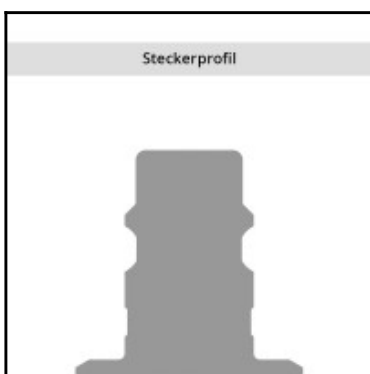
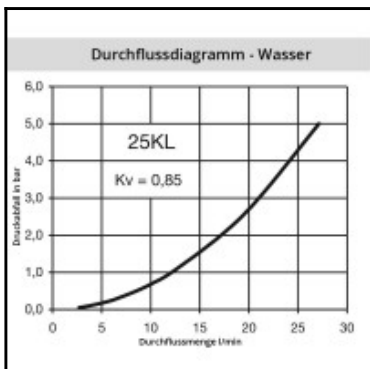


Datasheet of 25KLIW21BPN Quick coupling with female thread



Description

Quick coupling dry-break double shut-off, female thread G 1/2, nominal diameter 7,4, <8 bar, brass nickel plated, seal NBR

Universal industrial coupling with standard European profile. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. The series stands out for its robust design and long service life even with the harshest use.

Details

| | |
|---|---|
| Series: | 25 |
| Series long: | 25KL |
| Bore in mm: | 7,4 |
| Bore area in mm²: | 42 |
| Advantages: | One-hand operation. Robust structure. UltraFlo valve. The collar design minimises damage to the valve body. Minimal, almost imperceptible leakage when uncoupling. No air locked into the system during the coupling process. |
| Working pressure: | PB = 8 bar maximum static working pressure with safety factor 4 to 1. |
| Working temperature: | -20°C up to +100°C (NBR) -40°C up to +120/150°C (EPDM) -15°C up to +200°C (FKM) 0°C up to +316°C (FFKM) depending on the medium. |
| Shut-Off: | Quick coupling Dry-Break (double shut-off) |
| Connection: | Female thread 1/2" |
| Connection description: | Female pipe thread of Whitworth form ISO 228 1/2" |
| Connection type: | Female thread |
| Material: | Brass nickel plated |
| Material description: | Brass CuZn39Pb3 2.0401 (completely) |
| Seal description: | Nitrite-butadiene rubber |
| Surface: | nickel plated |
| Material connection: | Brass nickel plated |
| Material valve body: | Brass nickel plated |
| Material sleeve: | Brass nickel plated |
| Material valve: | Brass nickel plated |
| Material spring snap ring: | stainless steel AISI 301 |
| Material balls/pins: | Stainless steel AISI 420 |
| Material seal: | Perbunan® |
| Weight in kg: | 0,1259 |
| Self-venting coupling: | No |
| Safety locking system: | No |
| Single-hand operation: | Yes |
| Two-hand operation: | No |
| Ball locking: | Yes |
| Pin lock: | Yes |
| Ultra-FLO-valve: | No |
| Vacuum suitable: | No |
| Water-resistant: | Yes |
| Flat-sealing: | Yes |
| Suitable breath / respiratory protection: | No |
| Pressure eliminator: | No |
| Hydraulics: | No |
| Pneumatics: | Yes |
| Standard product: | No |
| Mould coupling: | No |

Dimensions

| | |
|---------------|-------|
| Connection A: | G 1/2 |
| D mm: | 23 |
| L mm: | 58 |
| L1 mm: | 12 |
| SW mm: | 24 |