## Datasheet of 25KATF10BPX0 Quick coupling with hose barb N D U S T



Durchflussdiagramm - Luft

Durchflussdiagramm - Wasser

40 menge Umin 60

80

25KA

Kv = 2,40

20 Durchflar

25KA

1,2

6,0

4,0

4 3,0 2,0 1,0 0,0

0

L1

1500 2000 2500 3000

## Description

Quick coupling single shut-off, coded system (0 = green, circle), hose barb 10mm, nominal diameter 7,8, <35 bar, brass, seal NBR

RIE

Coded industrial coupling system developed on the basis of series 25. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. The mechanical coding of the coupling and plug offers a guarantee for avoiding mix-ups between media when coupling, which is complemented by the color coding of the anodised sleeves. Double shut-off and straightthrough couplings are available upon request. Cannot be interconnected with the Rectus standard 25 series.

## Details

| Series:                                   | 25  |
|---|---|
| Series long:                              | 25КА  |
| Bore in mm:                               | 7,8   |
| Bore area in mm <sup>2</sup> :            | 48  |
| Advantages:                               | Quality product. One-hand operation. High flow.<br>Versatile capability of connections. |
| Working pressure:                         | 35 bar maximum static working pressure with safety<br>factor 4 to 1.                    |
| Working temperature:                      | -20°C up to +100°C (NBR)  |
| Shut-Off:                                 | Quick coupling Single Shut-Off  |
| Connection:                               | Hose barb 10mm  |
| Connection description:                   | Hose barb 10mm  |
| Connection type:                          | Hose barb   |
| Material:                                 | Brass   |
| Material description:                     | Brass CuZn39Pb3 2.0401 (completely)   |
| Seal description:                         | Nitrite-butadiene rubber  |
| Surface:                                  | blank finish  |
| Coding:                                   | 0 = green, circle   |
| Material connection:                      | Brass   |
| Material valve body:                      | Brass   |
| Material sleeve:                          | Brass   |
| Material valve:                           | Brass   |
| Material spring snap ring:                | stainless steel AISI 301  |
| Material balls/pins:                      | Stainless steel AISI 420  |
| Material seal:                            | Perbunan®   |
| Weight in kg:                             | 0,0844  |
| Coded:                                    | Yes   |
| Self-venting coupling:                    | No  |
| Safety locking system:                    | No  |
| Single-hand operation:                    | Yes   |
| Two-hand operation:                       | No  |
| Ball locking:                             | Yes   |
| Pin lock:                                 | No  |
| Ultra-FLO-valve:                          | No  |
| Vacuum suitable:                          | No  |
| Water-resistant:                          | Yes   |
| Flat-sealing:                             | No  |
| Suitable breath / respiratory protection: | No  |
| Pressure eliminator:                      | No  |
| Hydraulics:                               | No  |
| Pneumatics:                               | Yes   |
| Standard product:                         | No  |
| Mould coupling:                           | No  |

## Dimensions

