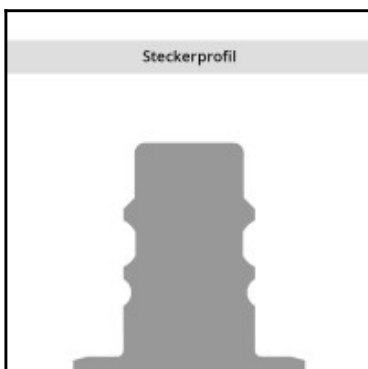
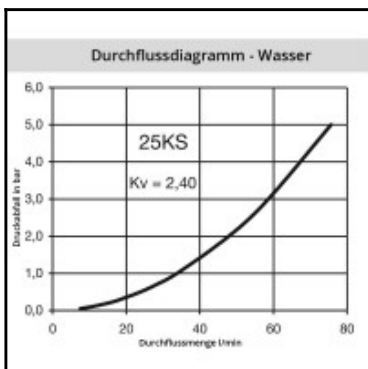
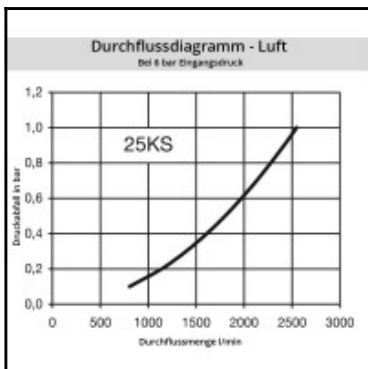
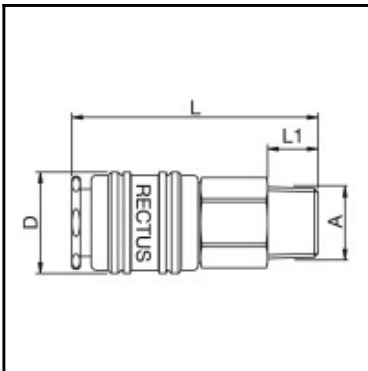


## Datasheet of 25KSAK21BPN Quick coupling with male thread



### Description

Quick coupling safety single shut-off, male thread R 1/2, nominal diameter 7,8, <35 bar, brass nickel plated, seal NBR

Safety coupling with UltraFlo-Valve for optimum flow and low pressure drop. The series stands out for its robust design (steel sleeve) and long service life even with the harshest use. Additional safety locking system. This safety lock prevents unintentional disconnection. To disconnect, the plug must first be pushed further into the coupling before it can be unlocked. The brass version has been developed specifically for use with water in the pressure range up to 35 bar.

### Details

Series:	25
Series long:	25KS
Bore in mm:	7,8
Bore area in mm²:	48
Advantages:	Double profiled plug design against wear of material during operation.
Working pressure:	35 bar (Brass-Version) 70 bar (with steel body and steel sleeve) 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 Safety (single shut-off)
Connection:	Male thread 1/2"
Connection description:	Male tapered thread of Whitworth form DIN 2999 1/2"
Connection type:	Male 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
Material spring snap ring:	stainless steel AISI 301
Material balls/pins:	Stainless steel AISI 420
Material seal:	Perbunan®
Weight in kg:	0,1055
Self-venting coupling:	No
Safety locking system:	Yes
Single-hand operation:	No
Two-hand operation:	Yes
Ball locking:	Yes
Pin lock:	No
Ultra-FLO-valve:	No
Vacuum suitable:	No
Water-resistant:	No
Flat-sealing:	No
Suitable breath / respiratory protection:	Yes
Pressure eliminator:	No
Hydraulics:	No
Pneumatics:	Yes
Standard product:	No
Mould coupling:	No

### Dimensions

Connection A:	R 1/2
D mm:	23
L mm:	61
L1 mm:	17
SW mm:	22