

25KSAK21SPN Quick coupling with male thread

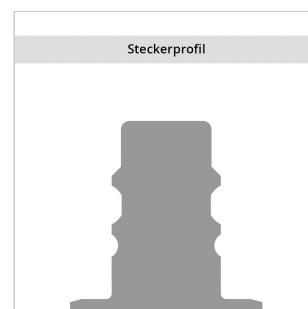
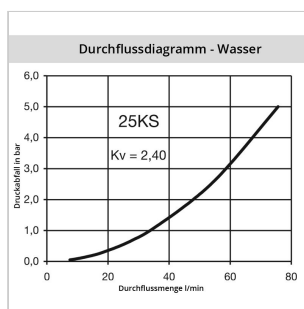
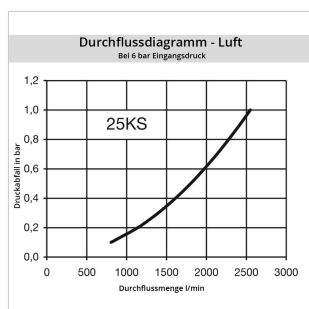
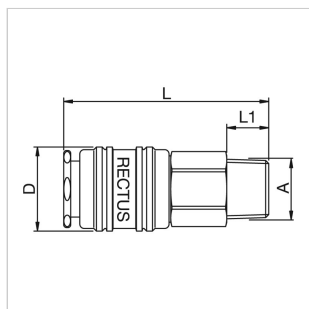
Quick coupling safety single shut-off, male thread R 1/2, nominal diameter 7,8, <35 bar, steel nickel plated, seal NBR



Product description

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.

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Product properties

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
Suitable breath / respiratory protection	Yes
Seal	NBR
Seal description	Nitrite-butadiene rubber
Working pressure	35 bar (Brass-Version) 70 bar (with steel body and steel sleeve) maximum static working pressure with safety factor 4 to 1.
Pressure eliminator	No
Single-hand operation	No
Self-venting coupling	No
Flat-sealing	No
Mould coupling	No
Weight in kg	0,1164
Hydraulics	No
Ball locking	Yes
Material	Steel nickel-plated
Material description	Steel 9SMnPb28K 1.0718
Bore area in mm ²	48
Bore in mm	7,8
Surface	nickel plated
Pneumatics	Yes
Professional recommendation	Breathing protection
Series	25
Series long	25KS
Safety locking system	Yes
Standard product	No
Pin lock	No
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.
Ultra-FLO-valve	No
Vacuum suitable	No
Advantages	Double profiled plug design against wear of material during operation.
Water-resistant	No
Material connection	Brass nickel plated
Material seal	Perbunan®
Material sleeve	Steel hardened and nickel plated
Material spring snap ring	stainless steel AISI 301
Material balls/pins	Stainless steel AISI 420
Material valve	Brass
Material valve body	Steel nickel-plated
Two-hand operation	Yes

Dimensions

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