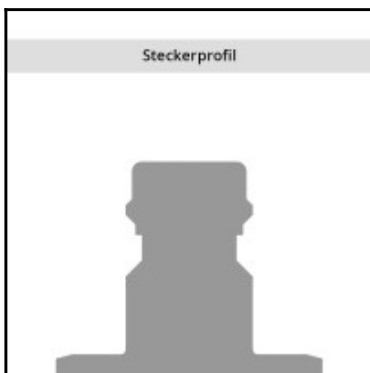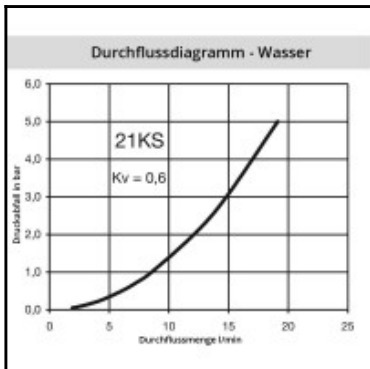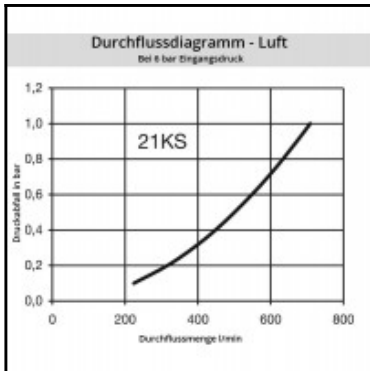# Datasheet of 21KSKK08MPX Quick coupling with hose nut and spring guard

Description

Quick coupling safety single shut-off, with hose nut and spring guard 6 x 8 mm, nominal diameter 5, <35 bar, brass, seal NBR

Mini industrial coupling with the world's most popular profile in this nominal diameter. Above average flow performance for liquid and gaseous medio. It also uses an additional safety locking system. This prevents unintentional disconnection. When being disconnected, the plug must first be pushed further into the coupling before it can be disconnected.

Details

Series:	21
Series long:	21KS
Bore in mm:	5
Bore area in mm²:	20
Advantages:	Small dimensions. Safety lock prevents accidental disconnection.
Working pressure:	35 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 Safety (single shut-off)
Connection:	Tube nut with spring guard 6 x 8 mm
Connection description:	Tube nut with spring guard 6 x 8 mm
Connection type:	Connection nut
Material:	Brass
Material description:	Brass CuZn39Pb3 2.0401 (except sleeve)
Seal description:	Nitrite-butadiene rubber
Surface:	blank finish
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:	0,0463
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:	Yes
Water-resistant:	Yes
Flat-sealing:	No
Suitable breath / respiratory protection:	Yes
Pressure eliminator:	No
Hydraulics:	No
Pneumatics:	Yes
Standard product:	No
Mould coupling:	No

Dimensions

Durchflussdiagramm - Luft
Bei 8 bar Eingangsdruck
21KS

Durchflussdiagramm - Wasser
21KS
Kv = 0,6

Steckerprofil