

Nominal Diameter

7.8 = 48 mm²



RECTUS Series

25KS

actual size



Technical Description

Safety coupling with UltraFlo technology. High flow performance. Notable for robust design and steel sleeve used with large pneumatic consumers. 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.

Advantages

Quality coupling with small dimensions and high flow rates. Safety locking system. Double profiled plug design against wear of material during operation.

Working Temperature*

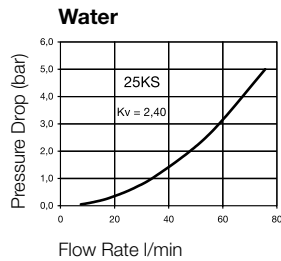
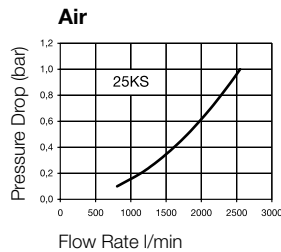
-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
0°C up to +316°C (FFKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

Working Pressure

PB = 35 bar (Brass)
PB = 70 bar (with steel body and steel seal), maximum static working pressure with safety factor of 4 to 1.

Chart



You will find the following alternative versions in our current catalogue on page:

- ▶ Safety Double Shut-off P. 268
- ▶ Safety Self-Venting P. 280
- ▶ Coded Systems P. 295
- ▶ Brass/Steel P. 73
- ▶ Stainless Steel P. 180

Material Coupling

Back Body
Valve Body
Sleeve

Standard

Brass
Steel, Nickel Pl.
Steel Hardened,
Nickel Plated
Brass

Brass

Brass
Brass
Brass
Brass

Brass, Nickel Pl.

Brass, Nickel Pl.
Brass, Nickel Pl.
Brass, Nickel Pl.
Brass

Valve
Spring and
Lock Ring
Locking Balls
Seals
Distance Sleeve
Spring Plate

AISI 301
AISI 420
NBR
Brass
Brass

AISI 301
AISI 420
NBR
Brass
Brass

AISI 301
AISI 420
NBR
Brass
Brass

Plug

Plug

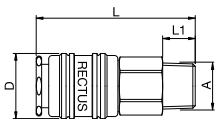
Steel Hardened,
Zinc-Plated

Brass

Brass, Nickel Pl.

Couplings

RECTUS Series 25KS



Male Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
R 1/4	19	60	23	12					Standard	25KS AK13 SPN	■ □
									Brass	25KS AK13 BPX	■ □
									Brass, Nickel Pl.	25KS AK13 BPN	■ □
R 3/8	19	60	23	12					Standard	25KS AK17 SPN	■ □
									Brass	25KS AK17 BPX	■ □
									Brass, Nickel Pl.	25KS AK17 BPN	■ □
R 1/2	22	61	23	17					Standard	25KS AK21 SPN	■ □
									Brass	25KS AK21 BPX	■ □
									Brass, Nickel Pl.	25KS AK21 BPN	■ □

DS = Delivery Status:

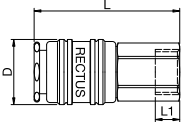
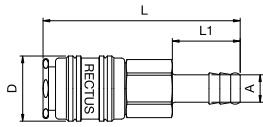
■ in stock

■ □ on short call

■ □ medium term delivery

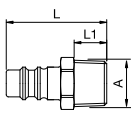
Couplings

RECTUS Series 25KS

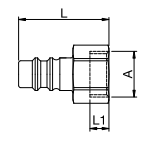
	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS	
 <p>Female Thread</p>	G 1/4	19	56	23	10					Standard	25KS IW13 SPN	<input type="checkbox"/>	
										Brass	25KS IW13 BPX	<input type="checkbox"/>	
										Brass, Nickel Pl.	25KS IW13 BPN	<input type="checkbox"/>	
	G 3/8	19	55	23	9					Standard	25KS IW17 SPN	<input type="checkbox"/>	
										Brass	25KS IW17 BPX	<input type="checkbox"/>	
										Brass, Nickel Pl.	25KS IW17 BPN	<input type="checkbox"/>	
	G 1/2	24	58	23	12					Standard	25KS IW21 SPN	<input type="checkbox"/>	
 <p>Hose Barb</p>	6 mm	19	74	23	25					Standard	25KS TF06 SPN	<input type="checkbox"/>	
	8 mm	19	74	23	25					Standard	25KS TF08 SPN	<input type="checkbox"/>	
										Brass	25KS TF08 BPX	<input type="checkbox"/>	
										Brass, Nickel Pl.	25KS TF08 BPN	<input type="checkbox"/>	
	9 mm	19	74	23	25					Standard	25KS TF09 SPN	<input type="checkbox"/>	
										Brass	25KS TF09 BPX	<input type="checkbox"/>	
										Brass, Nickel Pl.	25KS TF09 BPN	<input type="checkbox"/>	
	10 mm	19	74	23	25					Standard	25KS TF10 SPN	<input type="checkbox"/>	
										Brass	25KS TF10 BPX	<input type="checkbox"/>	
										Brass, Nickel Pl.	25KS TF10 BPN	<input type="checkbox"/>	
	13 mm	19	74	23	25					Standard	25KS TF13 SPN	<input type="checkbox"/>	
									Brass	25KS TF13 BPX	<input type="checkbox"/>		
									Brass, Nickel Pl.	25KS TF13 BPN	<input type="checkbox"/>		

Plugs

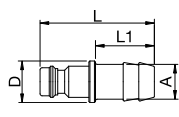
RECTUS Series 25KS

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
 <p>Male Thread</p>	R 1/8	13	33		9					Standard	25SS AK10 SXZ	<input type="checkbox"/>
	R 1/4	14	37		12					Standard	25SS AK13 SXZ	<input type="checkbox"/>
	G 1/4	17	33		9					Brass	26SS AW13 MXX	<input type="checkbox"/>
	G 1/4	17	33		9					Brass, Nickel Pl.	26SS AW13 MXN	<input type="checkbox"/>
	R 3/8	17	37		12					Brass	25SS AK17 SXZ	<input type="checkbox"/>
	R 1/2	22	43		17					Standard	25SS AK21 SXZ	<input type="checkbox"/>

Plugs **RECTUS Series 25KS**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
 <p>Female Thread</p>	G 1/4	17	33		9					Standard	25SS IW13 SXZ	■
	G 3/8	19	33		9					Standard	25SS IW17 SXZ	■
	G 1/2	24	36		12					Standard	25SS IW21 SXZ	■

Plugs **RECTUS Series 25KS**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
 <p>Hose Barb</p>	6 mm		48	12	25					Standard	25SS TF06 SXZ	■
	8 mm		48	12	25					Standard	25SS TF08 SXZ	■
				48	12	25				Brass, Nickel Pl.	26SS TF08 MXN	□
	9 mm		48	12	25					Standard	25SS TF09 SXZ	■
	10 mm		48	12	25					Standard	25SS TF10 SXZ	■
	13 mm		48	15	25					Standard	25SS TF13 SXZ	□

DS = Delivery Status: ■ in stock □ on short call □ medium term delivery