

RECTUS Series

# 25KL



Nominal Diameter

42 mm<sup>2</sup> = **7,4**



Brass/Steel

Low Pressure

**Technical Description**

3/8" - 1/2" brass coupling system. High flow performance. Notable for robust design and steel sleeve used with large pneumatic consumers.

**Dust Caps (P. 325)**

for coupling Part-No. SK23S  
for plug Part-No. SK12S



**Advantages**

Single handed operation. Robust design. High flow valve. No damage to the valve body from collar design. Minimum (hardly noticeable) leakage occurs when disconnecting. Air is not trapped in during the connecting process.

**Working Pressure**

PB = 8 bar, maximum static working pressure with safety factor of 4 to 1.

**Working Temperature\***

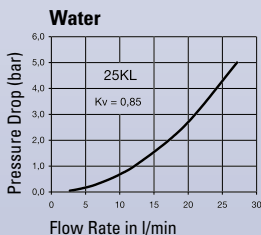
-20°C up to +100°C (NBR)  
-40°C up to +120/150°C (EPDM)  
-15°C up to +200°C (FKM)  
0°C up to +316°C (FFKM)  
depending on the medium.

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



actual size

**Chart**



**Material**                      **Standard**                      **Nickel Plated**

**Coupling**

Back Body	Brass, Nickel Plated
Valve Body	Brass, Nickel Plated
Sleeve	Brass, Nickel Plated
Valve	Brass
Spring and Locking Ring	AISI 301
Locking Balls	AISI 420
Seals	NBR
Seal Bonnet	Brass
Inner Sleeve	Brass

**Plug**

Plug Profile	Brass	Brass, Nickel Plated
Back Body	Brass	Brass, Nickel Plated
Valve	Brass	Brass, Nickel Plated
Spring	AISI 301	AISI 301
Seal	NBR	NBR

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

- ▶ Brass/Steel Single Shut-off P. 73
- ▶ Brass/Steel Double Shut-off P. 135
- ▶ Stainless Steel P. 218
- ▶ Safety P. 260
- ▶ Safety Self-Venting P. 280
- ▶ Coded Systems P. 297

## Couplings

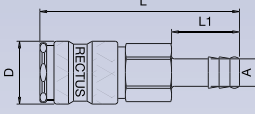
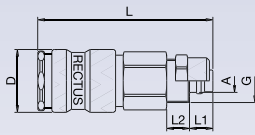
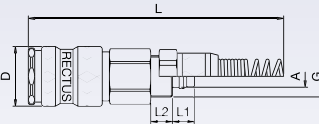
## RECTUS Series 25KL

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
<p><b>Male Thread</b></p>	R 1/4	19	60	23	12					Standard	25KL AK13 BPN	■
	R 3/8	19	60	23	12					Standard	25KL AK17 BPN	■
	R 1/2	22	61	23	17					Standard	25KL AK21 BPN	■
<p><b>Female Thread</b></p>	G 1/4	19	56	23	10					Standard	25KL IW13 BPN	■
	G 3/8	19	55	23	9					Standard	25KL IW17 BPN	■
	G 1/2	24	58	23	12					Standard	25KL IW21 BPN	■
	M 14 x 1,5	19	55	23	9					Standard	25KL IM14 BPN	■
	M 16 x 1,5	19	55	23	9					Standard	25KL IM16 BPN	■
M 18 x 1,5	22	56	23	9					Standard	25KL IM18 BPN	■	

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

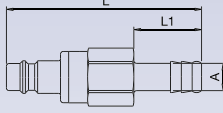
## Couplings

## RECTUS Series 25KL

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
 <p><b>Hose Barb</b></p>	6 mm	19	74	23	25					Standard	25KL TF06 BPN	■
	8 mm	19	74	23	25					Standard	25KL TF08 BPN	■
	9 mm	19	74	23	25					Standard	25KL TF09 BPN	■
	10 mm	19	74	23	25					Standard	25KL TF10 BPN	■
	13 mm	19	74	23	25					Standard	25KL TF13 BPN	■
 <p><b>Plastic Hose Connection</b></p>	6 x 8 mm	19	67	23	7	6		M 12 x 1	Standard	25KL K008 BPN	■	
	8 x 10 mm	19	155	23	9	8		M 16 x 1	Standard	25KL K010 BPN	■	
	9 x 12 mm	19	65	23	9	8		M 16 x 1	Standard	25KL K012 BPN	■	
 <p><b>Plastic Hose Connection with Spring Guard</b></p>	6 x 8 mm	19	144	23	7	6		M 12 x 1	Standard	25KL KK08 BPN	■	
	8 x 10 mm	19	155	23	9	8		M 16 x 1	Standard	25KL KK10 BPN	■	
	9 x 12 mm	19	162	23	9	8		M 16 x 1	Standard	25KL KK12 BPN	■	

## Valved Plugs

## RECTUS Series 25KL

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS	
 <p><b>Hose Barb</b></p>	9 mm	21	60		25					Standard	25SL TF09 MPX	■	
										Nickel Plated	25SL TF09 MPN	■	
	10 mm	21	60		25						Standard	25SL TF10 MPX	■
											Nickel Plated	25SL TF10 MPN	■
	13 mm	21	60		25						Standard	25SL TF13 MPX	■
											Nickel Plated	25SL TF13 MPN	■

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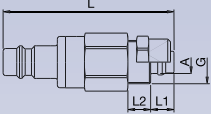
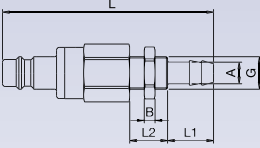
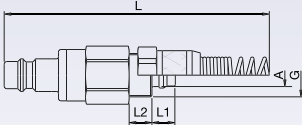
■ medium term delivery

# Valved Plugs

# RECTUS Series 25KL

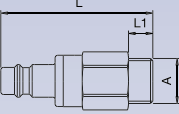
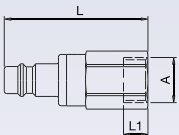
Brass/Steel

Low Pressure

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
 <p><b>Plastic Hose Connection</b></p>	6 x 8 mm	21	47		7	6			M 12 x 1	Standard	25SL KO08 MPX	<input checked="" type="checkbox"/>
										Nickel Plated	25SL KO08 MPN	<input type="checkbox"/>
	8 x 10 mm	21	51		8,5	8,5			M 16 x 1	Standard	25SL KO10 MPX	<input checked="" type="checkbox"/>
										Nickel Plated	25SL KO10 MPN	<input type="checkbox"/>
	9 x 12 mm	21	51		8,5	8,5			M 16 x 1	Standard	25SL KO12 MPX	<input checked="" type="checkbox"/>
										Nickel Plated	25SL KO12 MPN	<input type="checkbox"/>
 <p><b>Panel Mount, Hose Barb</b></p>	6 mm	21	62		17	10	17	4	M 12 x 1	Standard	25SL TS06 MPX	<input checked="" type="checkbox"/>
										Nickel Plated	25SL TS06 MPN	<input type="checkbox"/>
	10 mm	21	74		25	14	7	3,5	G 1/4	Standard	25SL TS10 MPX	<input checked="" type="checkbox"/>
										Nickel Plated	25SL TS10 MPN	<input type="checkbox"/>
 <p><b>Plastic Hose Connection with Spring Guard</b></p>	6 x 8 mm	19	135		7	6			M 12 x 1	Standard	25SL KK08 MPX	<input checked="" type="checkbox"/>
										Nickel Plated	25SL KK08 MPN	<input type="checkbox"/>
	8 x 10 mm	19	145		8,5	8,5			M 16 x 1	Standard	25SL KK10 MPX	<input checked="" type="checkbox"/>
										Nickel Plated	25SL KK10 MPN	<input type="checkbox"/>
	9 x 12 mm	19	150		8,5	8,5			M 16 x 1	Standard	25SL KK12 MPX	<input checked="" type="checkbox"/>
										Nickel Plated	25SL KK12 MPN	<input type="checkbox"/>

# Valved Plugs

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	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
 <p><b>Male Thread</b></p>	G 1/4	22	43		9					Standard	25SL AW13 MPX	<input checked="" type="checkbox"/>
										Nickel Plated	25SL AW13 MPN	<input type="checkbox"/>
	G 3/8	22	43		9					Standard	25SL AW17 MPX	<input checked="" type="checkbox"/>
										Nickel Plated	25SL AW17 MPN	<input type="checkbox"/>
	G 1/2	22	46		12					Standard	25SL AW21 MPX	<input checked="" type="checkbox"/>
										Nickel Plated	25SL AW21 MPN	<input type="checkbox"/>
	M 14 x 1,5	22	44		10					Standard	25SL AD14 MPX	<input checked="" type="checkbox"/>
										Nickel Plated	25SL AD14 MPN	<input type="checkbox"/>
	M 16 x 1,5	22	45		11					Standard	25SL AD16 MPX	<input checked="" type="checkbox"/>
										Nickel Plated	25SL AD16 MPN	<input type="checkbox"/>
	M 18 x 1,5	22	45		11					Standard	25SL AD18 MPX	<input checked="" type="checkbox"/>
										Nickel Plated	25SL AD18 MPN	<input type="checkbox"/>
 <p><b>Female Thread</b></p>	G 1/4	22	43		10					Standard	25SL IW13 MPX	<input checked="" type="checkbox"/>
										Nickel Plated	25SL IW13 MPN	<input type="checkbox"/>
	G 3/8	22	43		9					Standard	25SL IW17 MPX	<input checked="" type="checkbox"/>
										Nickel Plated	25SL IW17 MPN	<input type="checkbox"/>
	G 1/2	24	46		12					Standard	25SL IW21 MPX	<input checked="" type="checkbox"/>
										Nickel Plated	25SL IW21 MPN	<input type="checkbox"/>
	M 14 x 1,5	22	43		9					Standard	25SL IM14 MPX	<input checked="" type="checkbox"/>
										Nickel Plated	25SL IM14 MPN	<input type="checkbox"/>
	M 16 x 1,5	22	43		9					Standard	25SL IM16 MPX	<input checked="" type="checkbox"/>
										Nickel Plated	25SL IM16 MPN	<input type="checkbox"/>
	M 18 x 1,5	22	43		9					Standard	25SL IM18 MPX	<input checked="" type="checkbox"/>
										Nickel Plated	25SL IM18 MPN	<input type="checkbox"/>

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