



Technical Description

Flatface coupling system for cooling circuits. Extremely low leakage when disconnecting and, at the same time, no air lock in the system. Use with cold water, hot water and with thermo-oil at temperatures of up to 200 °C. Top efficiency with maximum flow and limited pressure drop.

Advantages

Easy to handle with single-handed operation and the knurled sleeve design.

Extremely durable due to the robust design.

Available Valves



Material

Coupling

Back Body
Valve Body
Sleeve
Valve
Spring, Locking Ring
Locking Balls
Seal

Plug

Plug Profile
Back Body
Valve
Spring
Seal

Working Pressure

PB = 60 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-15°C up to +200°C (FKM) depending on the medium.

*At a temperature below -15°C and above +200°C special seals are available on request.

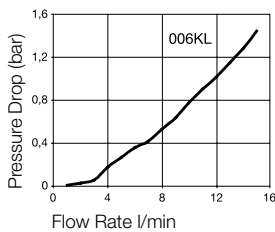
Brass
Stainless Steel
Stainless Steel
Brass, Nickel Plated
Stainless Steel
Stainless Steel
FKM, VMQ

Stainless Steel
Brass
Brass, Nickel Plated
Stainless Steel
FKM

80% of actual size



Tests with Oil Viscosity 32cSt at 40 °C as per ISO 7241-2:2000



Couplings

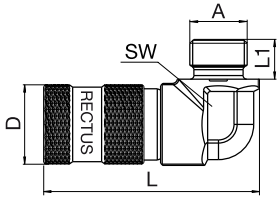
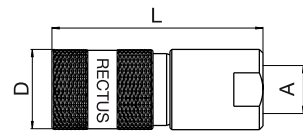
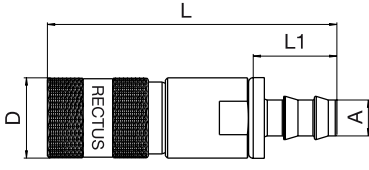
RECTUS Series 006KL

	DN	Series	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	D1 mm	D2 mm	Valve	Part Number	PU	DS
<p>Male Thread</p>	6	006	M 16 x 1,5	20	55,5	22	11				with	006KL AM16 MVX	10	<input checked="" type="checkbox"/>
<p>Male Thread with additional ED Seal</p>	6	006	G 1/4	21	60,8	22	11				with	006KL AO13 MVX	10	<input checked="" type="checkbox"/>

⚠ Please consider our security advices on the pages 6/7 ⚠

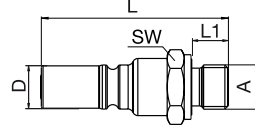
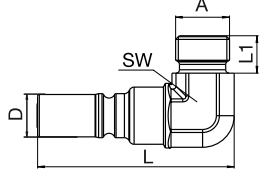
Couplings

RECTUS Series 006KL

	DN	Series	Connec- tion A	Hex SW	L mm	D mm	L1 mm	L2 mm	D1 mm	D2 mm	Valve	Part Number	PU	DS
 <p>Male Thread 90°</p>	6	006	M 16 x 1,5	17	59,2	22	11				with	006KL AR16 MVX	10	■ □
 <p>Female Thread</p>	6	006	G 1/4	20	57,9	22	14				with	006KL IW13 MVX	10	■ □
 <p>Hose Barb</p>	6	006	10 mm	20	79,4	22	23				with	006KL TP10 MVX	10	■ □

Valved Plugs

RECTUS Series 006KL

	DN	Series	Connec- tion A	Hex SW	L mm	D mm	L1 mm	L2 mm	D1 mm	D2 mm	Valve	Part Number	PU	DS
 <p>Male Thread</p>	6	006	G 1/4	19	55	12,5	11				with	006SL AW13 MVX	10	■ □
 <p>Male Thread 90°</p>	6	006	M 16 x 1,5	16	57,8	12,5	11				with	006SL AR16 MVX	10	■ □

DS = Delivery Status: ■ in stock

□ on short call

□ medium term delivery