

Nom. Diameter **10** = 80 mm²
27 KA series



Technical Description

Our ULTRA-FLO valve allows optimum flow in comparison to the size of the coupling. The coupling valve seals during the connection process. Please order the special brass valve version for use with liquids.

Advantages

Extremely high flow performance due to the RECTUS ULTRA-FLO valve, durable construction, many connecting options.

Applications

High performance air tools, production lines, construction, mechanical engineering.

Interchangeability

CEJN 410

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor 4 to 1.

Working Temperature*

-20°C up to +100°C (Buna N)
 -40°C up to +120/150°C (EPDM)
 -15°C up to +200°C (Viton*)
 0°C up to +316°C (Kalrez*)
 depending on the medium.

*At a temperature below -20°C and above +150°C special seals are available on request.



Material

Coupling

Back Body
 Valve Body
 Sleeve
 Valve
 Inner Sleeve
 Spring Plate
 Spring and Lock Ring
 Locking Balls
 Seals

Standard Version

Brass, Nickel Plated
 Brass, Nickel Plated
 Steel Hardened, Nickel Plated
 Brass
 Brass
 Brass
 AISI 301
 AISI 420
 Buna N

Additional Version

AISI 303

AISI 303
 AISI 303
 AISI 303
 AISI 303
 AISI 303
 AISI 303
 AISI 301
 AISI 316
 Viton®

AISI 316 Ti

AISI 316 Ti
 AISI 316 Ti
 AISI 316 Ti
 AISI 316 Ti
 AISI 316 Ti
 AISI 316 Ti
 AISI 316 Ti
 AISI 316
 Viton®

Plug

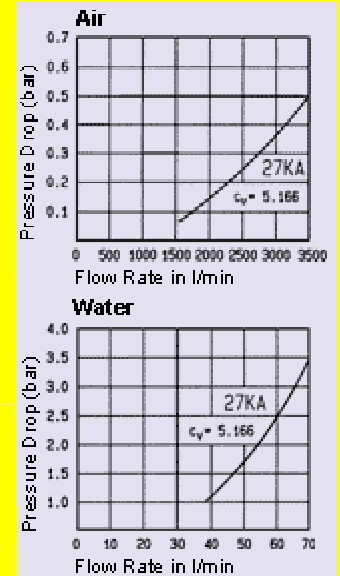
Plug

Steel Hardened, Nickel Plated

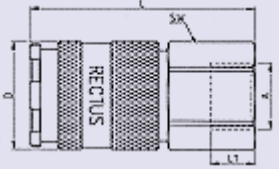
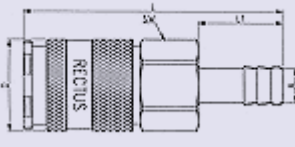
AISI 303

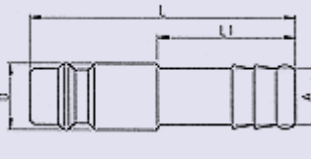
AISI 316 Ti

Chart

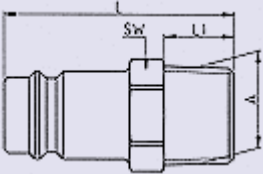
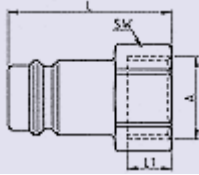


Couplings	Connection A		Hex	L	D	L1	L2	Hex1	B	G	Material	part number
	<p>Male Thread</p>	R 1/4		24	63	27	12					Standard
G 1/4			24	56,5	27	9					1.4305	27KAAW13RVX
			24	56,5	27	9					1.4571	27KAAW13EVX
R 3/8			24	63	27	12					Standard	27KAAK17MPN
G3/8			24	56,5	27	9					1.4305	27KAAW17RVX
G3/8			24	56,5	27	9					1.4571	27KAAW17EVX
R 1/2			24	65	27	17					Standard	27KAAK21MPN
G 1/2			24	58,5	27	12					1.4305	27KAAW21RVX
G 1/2			24	58,5	27	12					1.4571	27KAAW21EVX

	R 3/4	27	65	27	17					Standard	27KAAK26MPN
	G 3/4	32	59,5	27	16					1.4305	27KAAW26RVX
	G 3/4	32	59,5	27	16					1.4571	27KAAW26EVX
 <p>Female Thread</p>	G 1/4	24	56	27	10				Standard	27KAIW13MPN	
										1.4305	27KAIW13RVX
										1.4571	27KAIW13EVX
	G 3/8	24	56	27	11					Standard	27KAIW17MPN
										1.4305	27KAIW17RVX
										1.4571	27KAIW17EVX
	G 1/2	24	56	27	12					Standard	27KAIW21MPN
										1.4305	27KAIW21RVX
										1.4571	27KAIW21EVX
	G 3/4	32	60	27	16					Standard	27KAIW26MPN
										1.4305	27KAIW26RVX
										1.4571	27KAIW26EVX
 <p>Hose Barb</p>	6 mm	24	76	27	25					Standard	27KATF06MPN
										1.4305	27KATF06RVX
										1.4571	27KATF06EVX
	8 mm	24	76	27	25					Standard	27KATF08MPN
										1.4305	27KATF08RVX
										1.4571	27KATF08EVX
	9 mm	24	76	27	25					Standard	27KATF09MPN
										1.4305	27KATF09RVX
										1.4571	27KATF09EVX
	10 mm	24	76	27	25					Standard	27KATF10MPN
										1.4305	27KATF10RVX
										1.4571	27KATF10EVX
	13 mm	24	76	27	25					Standard	27KATF13MPN
										1.4305	27KATF13RVX
										1.4571	27KATF13EVX
	16 mm	24	76	27	25					Standard	27KATF16MPN
										1.4305	27KATF16RVX
										1.4571	27KATF16EVX
19 mm	24	76	27	25					Standard	27KATF19MPN	
									1.4305	27KATF19RVX	
									1.4571	27KATF19EVX	

Plug	Connection A	Hex	L	D	L1	L2	Hex1	B	G	Material	part number
 <p>Hose Barb</p>	6 mm		48	15	25					Standard	27SFTF06SXN
										1.4305	27SFTF06RXX
										1.4571	27SFTF06EXX
	8 mm		48	15	25					Standard	27SFTF08SXN
										1.4305	27SFTF08RXX
										1.4571	27SFTF08EXX
9 mm		48	15	25					Standard	27SFTF09SXN	

										1.4305	27SFTF09RXX
										1.4571	27SFTF09EXX
	10 mm		48	15	25					Standard	27SFTF10SXX
										1.4305	27SFTF10RXX
										1.4571	27SFTF10EXX
	13 mm		48	15	25					Standard	27SFTF13SXX
										1.4305	27SFTF13RXX
										1.4571	27SFTF13EXX
	16 mm		49	18	25					Standard	27SFTF16SXX
										1.4305	27SFTF16RXX
										1.4571	27SFTF16EXX
										1.4305	27SFTF19RXX
										1.4571	27SFTF19EXX
	19 mm		49	21	25					Standard	27SFTF19SXX

Plug	Connection A	Hex	L	D	L1	L2	Hex1	B	G	Material	part number	
 <p>Male Thread</p>	R 1/4	17	40	12						Standard	27SFAK13SXX	
	G 1/4	19	36,5	9						1.4305	27SFAW13RXX	
										1.4571	27SFAW13EXX	
	R 3/8	17	40	12						Standard	27SFAK17SXX	
	G 3/8	19	36,5	9						1.4305	27SFAW17RXX	
	G 3/8	19	36,5	9						1.4571	27SFAW17EXX	
	R 1/2	22	45	17						Standard	27SFAK21SXX	
	G 1/2	24	40	12						1.4305	27SFAW21RXX	
	G 1/2	24	40	12						1.4571	27SFAW21EXX	
	R 3/4	27	48	19						Standard	27SFAK26SXX	
	G 3/4	32	45	16						1.4305	27SFAW26RXX	
	G 3/4	32	45	16						1.4571	27SFAW26EXX	
	 <p>Female Thread</p>	G 1/4	17	33	9						Standard	27SFIW13SXX
											1.4305	27SFIW13RXX
										1.4571	27SFIW13EXX	
G 3/8		19	33	9						Standard	27SFIW17SXX	
										1.4305	27SFIW17RXX	
										1.4571	27SFIW17EXX	
G 1/2		24	37	12						Standard	27SFIW21SXX	
										1.4305	27SFIW21RXX	
										1.4571	27SFIW21EXX	
G 3/4		32	42	16						Standard	27SFIW26SXX	
									1.4305	27SFIW26RXX		
									1.4571	27SFIW26EXX		