

Nom. Diameter 7,8 = 48 mm²
25 KA series



Technical Description

Low pressure drop due to the optimum flow ULTRA-FLO valve and superior plug sealing capabilities are the advantages as compared to other designs. Please order the special brass valve version for use with liquids.

Advantages

Tough construction, many connecting variations, widely interchangeable.

Applications

Air tools, laboratory installations, chemistry, measuring and control equipment, breathing air, diving equipment, safety engineering, mechanical engineering, construction.

Interchangeability

CEJN 320, RECTUS 26, and various German products.

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 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 Locking Ring
Locking Balls
Seals

Standard Version

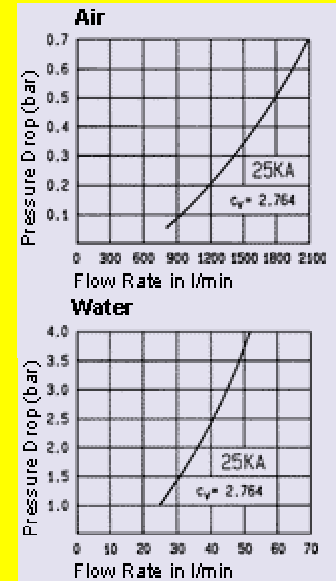
Brass, Nickel Plated
Brass, Nickel Plated
Steel Hardened, Nickel Plated
Zinc Die-Casting, Nickel Plated
Brass
Brass
AISI 301
AISI 420
Buna N

Additional Versions

AISI 303 AISI 316 Ti

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

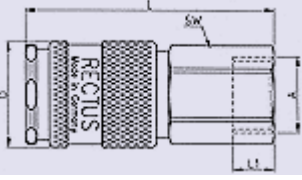
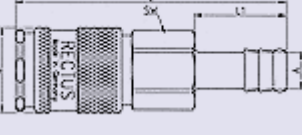
Chart

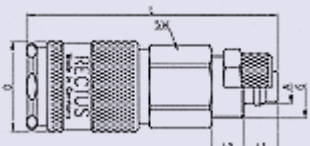
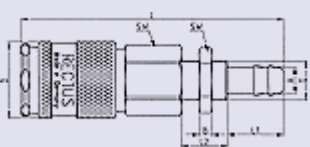


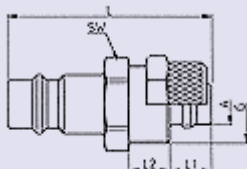
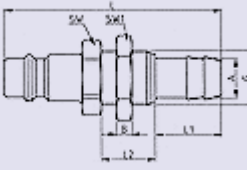
Plug

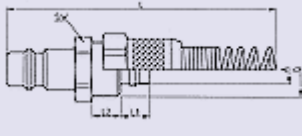
Plug Steel Hardened, Nickel Plated AISI 303 AISI 316 Ti

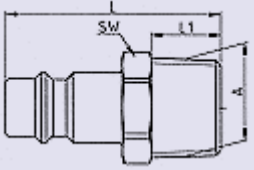
Couplings	Connection A	Hex	L	D	L1	L2	Hex1	B	G	Material	part number
<p>Male Thread</p>	R 1/4	19	60	23	12					Standard	25KAAK13MPN
	G 1/4	19	59	23	10,5					1.4305	25KAAW13RVX
	G 1/4	19	59	23	10,5					1.4571	25KAAW13EVX
	R 3/8	19	60	23	12					Standard	25KAAK17MPN
	G 3/8	19	57,5	23	9					1.4305	25KAAW17RVX
	G 3/8	19	57,5	23	9					1.4571	25KAAW17EVX

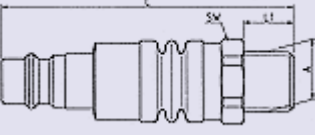
	R 1/2	22	61	23	17				Standard	25KAAK21MPN
	G 1/2	24	60,5	23	12				1.4305	25KAAW21RVX
	G 1/2	24	60,5	23	12				1.4571	25KAAW21EVX
	M 14 x 1,5	19	59	23	10				Standard	25KAAD14MPN
									1.4305	25KAAM14RVX
									1.4571	25KAAM14EVX
	M 16 x 1,5	19	60	23	11				Standard	25KAAD16MPN
									1.4305	25KAAM16RVX
									1.4571	25KAAM16EVX
	M 18 x 1,5	19	60	23	11				Standard	25KAAD18MPN
									1.4305	25KAAM18RVX
	 <p>Female Thread</p>	G 1/4	19	56	23	10				Standard
									1.4305	25KAIW13RVX
									1.4571	25KAIW13EVX
G 3/8		19	55	23	9				Standard	25KAIW17MPN
									1.4305	25KAIW17RVX
									1.4571	25KAIW17EVX
G 1/2		24	58	23	12				Standard	25KAIW21MPN
									1.4305	25KAIW21RVX
									1.4571	25KAIW21EVX
M 14 x 1,5		19	55	23	9				Standard	25KAIM14MPN
									1.4305	25KAIM14RVX
M 16 x 1,5		19	55	23	9				Standard	25KAIM16MPN
								1.4305	25KAIM16RVX	
M 18 x 1,5	22	56	23	9				Standard	25KAIM18MPN	
								1.4305	25KAIM18RVX	
 <p>Hose Barb</p>	6 mm	19	74	23	25				Standard	25KATF06MPN
									1.4305	25KATF06RVX
									1.4571	25KATF06EVX
	8 mm	19	74	23	25				Standard	25KATF08MPN
									1.4305	25KATF08RVX
									1.4571	25KATF08EVX
	9 mm	19	74	23	25				Standard	25KATF09MPN
									1.4305	25KATF09RVX
									1.4571	25KATF09EVX
	10 mm	19	74	23	25				Standard	25KATF10MPN
									1.4305	25KATF10MPN
									1.4571	25KATF10EVX
	13 mm	19	74	23	25				Standard	25KATF13MPN
									1.4305	25KATF13RVX
									1.4571	25KATF13EVX
	6 mm Parker	19	69	23	20				Standard	25KATP06MPN
10 mm Parker	19	73	23	24				Standard	25KATP10MPN	

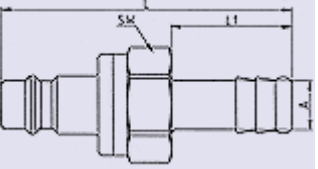
	13 mm Parker	19	76	23	28						Standard	25KATP13MPN	
 Plastic Hose Connection	6 x 8 mm	19	61	23	7	6				M 12 x 1	Standard	25KAKO08MPN	
												1.4305	25KAKO08RVX
												1.4571	25KAKO08EVX
		8 x 10 mm	19	65	23	9	8				M 16 x 1	Standard	25KAKO10MPN
												1.4305	25KAKO10RVX
		9 x 12 mm	19	65	23	9	8				M 16 x 1	Standard	25KAKO12MPN
												1.4305	25KAKO12RVX
											1.4571	25KAKO12EVX	
 Panel Mount for Hose Barb	6 mm	19	76	23	17	10	17	4	M 12 x 1	Standard	25KATS06MPN		
												1.4305	25KATS06RVX
		8 mm	19	80	23	17	14	17	4	M 12 x 1	Standard	25KATS08MPN	
												1.4305	25KATS08RVX
		10 mm	19	87	23	25	14	17	4	G 1/4	Standard	25KATS10MPN	
											1.4305	25KATS10RVX	

 <p>Plastic Hose Connection</p>	4 x 6 mm		34	12	7	6		M 10 x 1	Brass	26SFKO06MXX	
									Nickel plated	26SFKO06MXN	
									1.4305	25SFKO06RXX	
									1.4571	25SFKO06EXX	
	6 x 8 mm		34	12	7	6		M 12 x 1	Brass	26SFKO08MXX	
									Nickel plated	26SFKO08MXN	
									1.4305	25SFKO08RXX	
									1.4571	25SFKO08EXX	
	8 x 10 mm	17	42		9	8		M 16 x 1	Brass	26SFKO10MXX	
									Nickel plated	26SFKO10MXN	
									1.4305	25SFKO10RXX	
	9 x 12 mm	17	42		9	8		M 16 x 1	Brass	26SFKO12MXX	
									Nickel plated	26SFKO12MXN	
									1.4305	25SFKO12RXX	
								1.4571	25SFKO12EXX		
 <p>Bulkhead Fitting for Hose Barb</p>	6 mm	14	56		17	14	17	4	M 12 x 1	Brass	26SFTS06MXX
										Nickel plated	26SFTS06MXN
										1.4305	25SFTS06RXX
	8 mm	14	56		17	14	17	4	M 12 x 1	Brass	26SFTS08MXX
										Nickel plated	26SFTS08MXN
										1.4305	26SFTS08RXX
	10 mm	17	56		17	14	19	4	M 14 x 1	Brass	26SFTS10MXX
										Nickel plated	26SFTS10MXN
										1.4305	25SFTS10RXX
										Nickel plated	26SFKK10MXN
	9 x 12 mm	17	139		9	8			M 16 x 1	Brass	26SFKK12MXX
										Nickel plated	26SFKK12MXN
	4 x 6 mm		111	12	7	6			M 10 x 1	Brass	26SFKK06MXX

 <p>Spring Guard</p>	4 x 6 mm		111	12	7	6			M 10 x 1	Brass	26SFKK06MXX
	6 x 8 mm		120	12	7	6			M 12 x 1	Nickel Brass plated	26SFKK08MXX
										Nickel plated	26SFKK08MXN
	8 x 10 mm	17	132		9	8			M 16 x 1	Brass	26SFKK10MXX
	9 x 12 mm	17	139		9	8			M 16 x 1	Brass	26SFKK12MXX
										Nickel plated	26SFKK12MXN

Plug	Connection A	Hex	L	D	L1	L2	Hex1	B	G	Material	part number
 <p>Male Thread</p>	R 1/8	13	33		9					Standard	25SFAK10SXXN
	R 1/4	14	37		12					Standard	25SFAK13SXXN
	G 1/4	17	33		9					1.4305	25SFAW13RXX
	G 1/4	17	33		9					1.4571	25SFAW13EXX
	R 3/8	17	37		12					Standard	25SFAK17SXXN
	G 3/8	19	33		9					1.4571	25SFAW17EXX
	R 1/2	22	43		17					Standard	25SFAK21SXXN
	G 1/2	24	38		12					1.4305	25SFAW21RXX
	G 1/2	24	38		12					1.4571	25SFAW21EXX
	M 14 x 1,5	17	35		10					Standard	25SFAD14SXXN
	M 16 x 1,5	19	36		11					Standard	25SFAD16SXXN
	M 18 x 1,5	22	37		11					Standard	25SFAD18SXXN
										1.4305	25SFAM18RXX
										1.4571	25SFAM18EXX
	G 1/8	14	31		7					1.4305	25SFAW10RXX
	G 1/8	14	31		7					1.4571	25SFAW10EXX
	G 3/8	19	33		9					1.4305	25SFAW17RXX
	G 1/8	14	30		7					Standard	25SFIW10SXXN
										1.4305	25SFIW10RXX
										1.4571	25SFIW10EXX
	G 1/4	17	33		9					Standard	25SFIW13SXXN
										1.4305	25SFIW13RXX
										1.4571	25SFIW13EXX
	G 3/8	19	33		9					Standard	25SFIW17SXXN
										1.4305	25SFIW17RXX
										1.4571	25SFIW17EXX
	G 1/2	24	36		12					Standard	25SFIW21SXXn
										1.4305	25SFIW21RXX
										1.4571	25SFIW21EXX
	M 14 x 1,5	17	33		10					Standard	25SFIM14SXXN
										1.4305	25SFIM14RXX
	M 16 x 1,5	19	33		10					Standard	25SFIM16SXXN
										1.4305	25SFIM16RXX

	M 18 x 1,5	22	36	13						Standard	25SFIM18SXN
										1.4305	25SFIM18RXX
	R 1/4	17	64	11						Standard	25FAAK13SPN
Swivel Joint, Male Thread											

Recoil Eliminator	Connection A	Hex	L	D	L1	L2	Hex1	B	G	Material	part number
	6 mm	21	60	25						Standard	26SRTF06MXX
										Nickel plated	26SRTF06MXN
	8 mm	21	60	25						Standard	26SRTF08MXX
										Nickel plated	26SRTF08MXN
	9 mm	21	60	25						Standard	26SRTF09MXX
										Nickel plated	26SRTF09MXN
	10 mm	21	60	25						Standard	26SRTF10MXX
										Nickel plated	26SRTF10MXN
	13 mm	21	60	25						Standard	26SRTF13MXX
										Nickel plated	26SRTF13MXN
Hose Barb											