



FRENCHMATIC I

Nominal Diameter

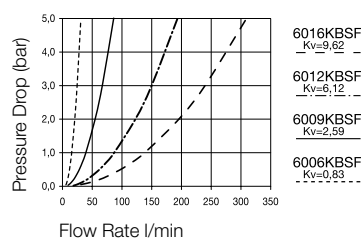
6/9/12/16

RECTUS Series
6006/6009/6012/6016

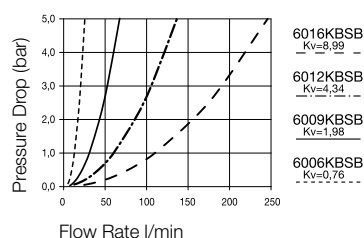
80% of actual size

Chart

Single Shut-Off



Double Shut-Off



Technical Description

This range of couplings was constructed with valves as an alternative to the French profiles. All four nominal diameters in our Frenchmatic I range are available with single and double shut-off.

Advantages

The locking balls guarantee an optimum hold by the insert connection even with forces acting from the side.

Optimum flow rate with absolute minimal flow resistance.

Working Pressure:

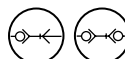
PB = 20 bar, maximum static working pressure with safety factor of 4 to 1.

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.

Available Valves



Material

Coupling

Body
Locking Balls
Spring
Seal

Brass, Nickel Plated
AISI 420
AISI 301
FKM

Plug

Plug Profile
Back Body
Valve
Spring
Seal

Series 6006/6009/6012

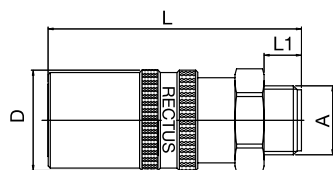
Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
FKM

Series 6016

Steel, Zinc Plated
Brass, Nickel Plated
Brass
AISI 301
FKM

Couplings

RECTUS Series 6006/6009/6012/6016



Male Thread

DN	Series	Connec- tion A	Hex SW	L mm	D mm	L1 mm	L2 mm	D1 mm	D2 mm	Valve	Part Number	PU	DS
6	6006	G 1/4	17	54	20	9				with	6006KB AW13 MVN	10	■ □
9	6009	G 3/8	22	61	24	9				with	6009KB AW17 MVN	10	■ □
12	6012	G 1/2	30	74,5	32	12				with	6012KB AW21 MVN	10	■ □
16	6016	G 3/4	34	90,5	38	16				with	6016KB AW26 MVN	5	■ □

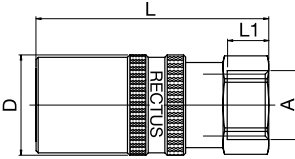
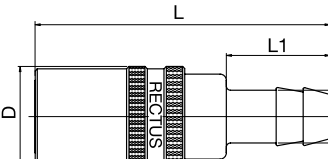
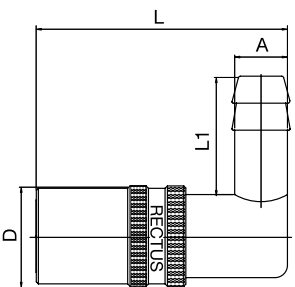
DS = Delivery Status: ■ in stock

□ on short call

□ medium term delivery

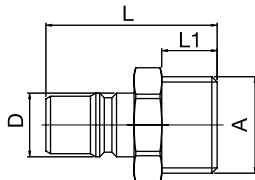
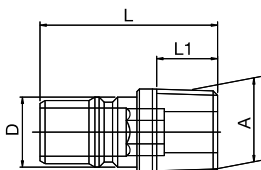
Couplings

RECTUS Series 6006/6009/6012/6016

	DN	Series	Connec- tion A	Hex SW	L mm	D mm	L1 mm	L2 mm	D1 mm	D2 mm	Valve	Part Number	PU	DS
 Female Thread	6	6006	G 1/4	17	47	20	10				with	6006KB IW13 MVN	10	■
	9	6009	G 3/8	21	56	24	10				with	6009KB IW17 MVN	10	■
	12	6012	G 1/2	30	59,5	32	12				with	6012KB IW21 MVN	10	■
	16	6016	G 3/4	34	90,5	38	16				with	6016KB IW26 MVN	5	■
 Hose Barb	6	6006	8 mm		58	20	22				with	6006KB TF08 MVN	10	■
	9	6009	12 mm		71	24	25				with	6009KB TF12 MVN	10	■
	12	6012	16 mm		90,5	32	32				with	6012KB TF16 MVN	10	■
	16	6016	19 mm		112,5	38	36				with	6016KB TF19 MVN	5	■
 Hose Barb 90°	6	6006	8 mm		47	20	22				with	6006KB TR08 MVN	10	■
	9	6009	10 mm		60,5	24	22				with	6009KB TR10 MVN	10	■
			12 mm		60,5	24	28,5				with	6009KB TR12 MVN	10	■

Plugs

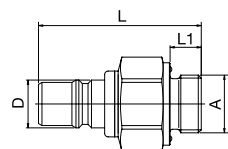
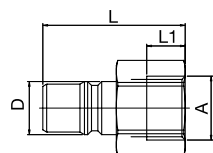
RECTUS Series 6006/6009/6012/6016

	DN	Series	Connec- tion A	Hex SW	L mm	D mm	L1 mm	L2 mm	Version	Valve	Part Number	PU	DS
 Male Thread	9	6009	G 1/2	22	37	13,8	12		Brass	with	6009SB AW21 MVN	10	■
									Brass	without	6009SF AW21 MXN	10	■
	12	6012	R 1/2	22	42	17,8	17		Brass	without	6012SF AK21 MXN	10	■
			G 3/4	27	46	17,8	16		Brass	with	6012SB AW26 MVN	10	■
	16	6016							Brass	without	6012SF AW26 MXN	10	■
			R 3/4	27	59	22,4	19		Steel	without	6016SF AK26 SXZ	10	■
 Male Thread with Internal Hexagon			G 1	32	62	22,4	24		Steel	with	6016SB AW33 SVZ	10	■
	6	6006	R 1/8	5	30	10	9		Brass	without	6006SF AK10 MXN	10	■
	9	6009	R 1/4	8	35	13,8	12		Brass	without	6009SF AK13 MXN	10	■
			R 3/8	8	35	13,8	12		Brass	without	6009SF AK17 MXN	10	■
	12	6012											
			R 3/8	10	40	17,8	12		Brass	without	6012SF AK17 MXN	10	■

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

Plugs

RECTUS Series 6006/6009/6012/6016

Male Thread
with additional Seal

Female Thread

DN	Series	Connec- tion A	Hex SW	L mm	D mm	L1 mm	L2 mm	Version	Valve	Part Number	PU	DS
6	6006	G 1/8	17	45	9,4	7		Brass	with	6006SB AO10 MVN	10	■□
9	6009	G 1/4	19	49	13,8	9		Brass	with	6009SB AO13 MVN	10	■□
		G 3/8	24	47	13,8	9		Brass	with	6009SB AO17 MVN	10	■□
		G 1/2	27	50	13,8	12		Brass	with	6009SB AO21 MVN	10	■□
12	6012	G 3/8	24	61	17,8	9		Brass	with	6012SB AO17 MVN	10	■□
		G 1/2	27	62	17,8	12		Brass	with	6012SB AO21 MVN	10	■□
		G 3/4	34	64	17,8	16		Brass	with	6012SB AO26 MVN	10	■□
16	6016	G 3/4	34	81	22,4	16		Steel	with	6016SB AO26 SVZ	5	■□
		G 1	41	84	22,4	19		Steel	with	6016SB AO33 SVZ	5	■□
6	6006	G 1/8	17	47	9,4	7		Brass	with	6006SB IW10 MVN	10	■□
		G 1/4	17	34	9,4	11		Brass	without	6006SF IW13 MXN	10	■□
9	6009	G 1/4	19	46	13,8	10		Brass	with	6009SB IW13 MVN	10	■□
		G 3/8	22	48	13,8	10		Brass	with	6009SB IW17 MVN	10	■□
		G 3/8	22	37	13,8	10		Brass	without	6009SF IW17 MXN	10	■□
12	6012	G 1/2	27	45	17,8	12		Brass	without	6012SF IW21 MXN	10	■□
16	6016	G 3/4	32	80,5	22,4	16		Steel	with	6016SB IW26 SVZ	5	■□
		G 3/4	32	58	22,4	16		Steel	with	6016SF IW26 SXZ	5	■□

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