

Nominal Diameter
9/12/16/20

Rectus Series
7000



Technical Description

Series 7000 is available in four different nominal diameters. It stands out for the very high level of reliability with respect to the seal, as the plug already seals in the coupling before the valves open when engaging the coupling and seals the connection reliably with a double seal when connected.

Series 7000 has an additional external seal in the coupling and plug specifically for outdoor applications, so that the locking system is completely protected from dirt and spray water when connected.

Advantages

Additional external locking system seal for external use. Dust caps with stainless steel cable are available on request. Splash-proof design, i.e. no water discharge during the connection process. Double sealed when connected.

Working Temperature

-40°C up to +150°C (EPDM) depending on the medium.

Special seals are available on request.



Max. Working Pressure*

16 bar
* maximum static working pressure with safety factor 4 to 1.

Material

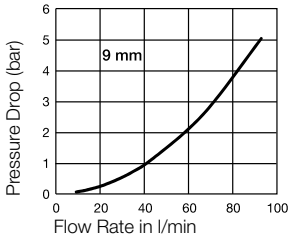
Coupling: Brass chemical nickel plated or Stainless Steel
Plug: Brass chemical nickel plated or Stainless Steel
Seals: EPDM

Applications

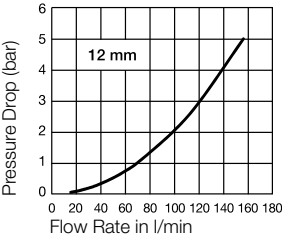
- Air Conditioning Systems / Electronic Cooling
- Plumbing / Water Treatment

Flow diagrams

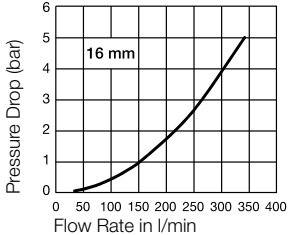
Water



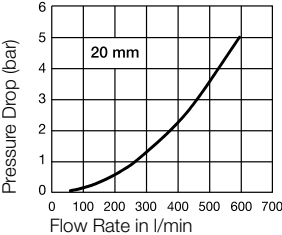
Water



Water

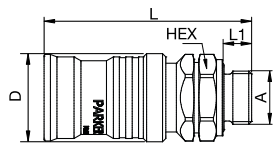
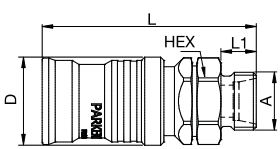
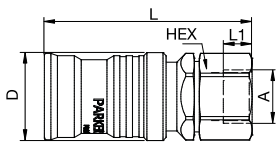
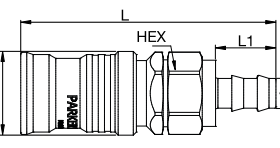


Water



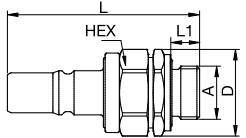
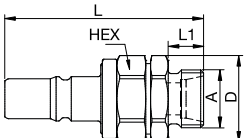
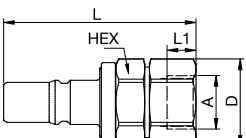
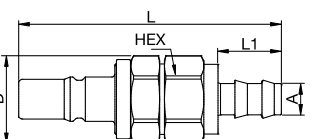
Couplings – with valve

Series 7000

	DN	Connection A	HEX mm	L mm	L1 mm	D mm	Version	Seal	Part Number
 Male Thread with front O-ring	9	G 3/8	24	65	9	27,5	Brass chemical nickel plated	EPDM	7009KBAO17MED
	9	G 3/8	24	65	9	27,5	AISI 303	EPDM	7009KBAO17REX
	12	G 1/2	30	82	12	35	Brass chemical nickel plated	EPDM	7012KBAO21MED
	12	G 1/2	30	82	12	35	AISI 303	EPDM	7012KBAO21REX
	16	G 3/4	36	103	16	43	Brass chemical nickel plated	EPDM	7016KBAO26MED
	16	G 3/4	36	103	16	43	AISI 303	EPDM	7016KBAO26REX
	20	G 1	42	127	19	54	Brass chemical nickel plated	EPDM	7020KBAO33MED
	20	G 1	42	127	19	54	AISI 303	EPDM	7020KBAO33REX
 Male thread with 24° sealing cone in accordance with ISO 8434-1 Series L	9	M 18 x 1,5	24	67	11	27,5	Brass chemical nickel plated	EPDM	7009KBAD18MED
	9	M 18 x 1,5	24	67	11	27,5	AISI 303	EPDM	7009KBAD18REX
	12	M 26 x 1,5	30	82	12	35	Brass chemical nickel plated	EPDM	7012KBAD26MED
	12	M 26 x 1,5	30	82	12	35	AISI 303	EPDM	7012KBAD26REX
	16	M 30 x 2	36	100,5	14	43	Brass chemical nickel plated	EPDM	7016KBAD30MED
	16	M 30 x 2	36	100,5	14	43	AISI 303	EPDM	7016KBAD30REX
	20	M 36 x 2	42	121	14	54	Brass chemical nickel plated	EPDM	7020KBAD36MED
	20	M 36 x 2	42	121	14	54	AISI 303	EPDM	7020KBAD36REX
 Female Thread	9	G 3/8	24	65	9	27,5	Brass chemical nickel plated	EPDM	7009KBIW17MED
	9	G 3/8	24	65	9	27,5	AISI 303	EPDM	7009KBIW17REX
	12	G 1/2	30	82	12	35	Brass chemical nickel plated	EPDM	7012KBIW21MED
	12	G 1/2	30	82	12	35	AISI 303	EPDM	7012KBIW21REX
	16	G 3/4	36	101	16	43	Brass chemical nickel plated	EPDM	7016KBIW26MED
	16	G 3/4	36	101	16	43	AISI 303	EPDM	7016KBIW26REX
	20	G 1	42	127	20	54	Brass chemical nickel plated	EPDM	7020KBIW33MED
	20	G 1	42	127	20	54	AISI 303	EPDM	7020KBIW33REX
 Parker Push-Lok	9	10 mm	24	84	24	27.5	Brass chemical nickel plated	EPDM	7009KBTP10MED
	9	10 mm	24	84	24	27.5	AISI 303	EPDM	7009KBTP10REX
	12	16 mm	30	111	38	35	Brass chemical nickel plated	EPDM	7012KBTP16MED
	12	16 mm	30	111	38	35	AISI 303	EPDM	7012KBTP16REX
	16	19 mm	36	125	38	43	Brass chemical nickel plated	EPDM	7016KBTP19MED
	16	19 mm	36	125	38	43	AISI 303	EPDM	7016KBTP19REX
	20	25 mm	42	146	38	54	Brass chemical nickel plated	EPDM	7020KBTP25MED
	20	25 mm	42	146	38	54	AISI 303	EPDM	7020KBTP25REX

Plugs – with valve

Series 7000

	DN	Connection A	HEX mm	L mm	L1 mm	D mm	Version	Seal	Part Number
 Male Thread with front O-ring	9	G 3/8	24	60	9	27	Brass chemical nickel plated	EPDM	7009SBAO17MED
	9	G 3/8	24	60	9	27	AISI 303	EPDM	7009SBAO17REX
	12	G 1/2	27	73,5	12	31	Brass chemical nickel plated	EPDM	7012SBAO21MED
	12	G 1/2	27	73,5	12	31	AISI 303	EPDM	7012SBAO21REX
	16	G 3/4	36	98,5	16	40	Brass chemical nickel plated	EPDM	7016SBAO26MED
	16	G 3/4	36	98,5	16	40	AISI 303	EPDM	7016SBAO26REX
	20	G 1	42	132,5	19	49	Brass chemical nickel plated	EPDM	7020SBAO33MED
	20	G 1	42	132,5	19	49	AISI 303	EPDM	7020SBAO33REX
 Male thread with 24° sealing cone in accordance with ISO 8434-1 Series L	9	M 18 x 1,5	24	62	11	27	Brass chemical nickel plated	EPDM	7009SBAD18MED
	9	M 18 x 1,5	24	62	11	27	AISI 303	EPDM	7009SBAD18REX
	12	M 26 x 1,5	27	73,5	12	31	Brass chemical nickel plated	EPDM	7012SBAD26MED
	12	M 26 x 1,5	27	73,5	12	31	AISI 303	EPDM	7012SBAD26REX
	16	M 30 x 2	36	95,5	14	40	Brass chemical nickel plated	EPDM	7016SBAD30MED
	16	M 30 x 2	36	95,5	14	40	AISI 303	EPDM	7016SBAD30REX
	20	M 36 x 2	42	126,5	14	49	Brass chemical nickel plated	EPDM	7020SBAD36MED
	20	M 36 x 2	42	126,5	14	49	AISI 303	EPDM	7020SBAD36REX
 Female Thread	9	G 3/8	24	60	9	27	Brass chemical nickel plated	EPDM	7009SBIW17MED
	9	G 3/8	24	60	9	27	AISI 303	EPDM	7009SBIW17REX
	12	G 1/2	27	73,5	12	31	Brass chemical nickel plated	EPDM	7012SBIW21MED
	12	G 1/2	27	73,5	12	31	AISI 303	EPDM	7012SBIW21REX
	16	G 3/4	36	97,5	16	40	Brass chemical nickel plated	EPDM	7016SBIW26MED
	16	G 3/4	36	97,5	16	40	AISI 303	EPDM	7016SBIW26REX
	20	G 1	42	130,5	20	49	Brass chemical nickel plated	EPDM	7020SBIW33MED
	20	G 1	42	130,5	20	49	AISI 303	EPDM	7020SBIW33REX
 Parker Push-Lok	9	10 mm	24	82	24	27	Brass chemical nickel plated	EPDM	7009SBTP10MED
	9	10 mm	24	82	24	27	AISI 303	EPDM	7009SBTP10REX
	12	16 mm	27	101,5	38	31	Brass chemical nickel plated	EPDM	7012SBTP16MED
	12	16 mm	27	101,5	38	31	AISI 303	EPDM	7012SBTP16REX
	16	19 mm	36	124,5	38	40	Brass chemical nickel plated	EPDM	7016SBTP19MED
	16	19 mm	36	124,5	38	40	AISI 303	EPDM	7016SBTP19REX
	20	25 mm	42	152,5	38	49	Brass chemical nickel plated	EPDM	7020SBTP25MED
	20	25 mm	42	152,5	38	49	AISI 303	EPDM	7020SBTP25REX