Nominal Diameter

10 = 80 mm²

Rectus Series

1700



Safety coupling with a self-venting system. Self-venting takes place during disconnection – no risk of pressurised hoses being tossed around. When the sleeve is pulled back, the plug is released yet remains locked in. The coupling valve closes and the air is vented from the air line at the same time. Only then, by operating the sleeve again, can uncoupling take place safely. he system fulfils the requirements of ISO 4414 – increased safety standards in the work place. DIN EN 983. Ultra High Flow valve for optimum flow and low pressure drop.

Series 1700 with additional end connections available on request.

Safety Note
Reliable functioning can only be guaranteed in conjunction with original Parker Rectus plugs made of steel.

Working Temperature*
-20°C up to +100°C (NBR)
depending on the medium.

* For temperatures below -20°C and over +100°C and depending on the medium, other seal variants (FKM, EPDM, FFKM) are available.

Other designs in series 1700
The following other designs can be found from page:

➤ Brass / Steel P. 90

KE Self-Venting System

Working Pressure**

0-12 bar
** maximum static working pressure with design factor 4 to 1.

Material

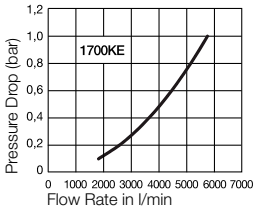
Coupling: Brass / Steel nickel plated
Plug: Steel nickel plated
Seals: NBR

Technical Description

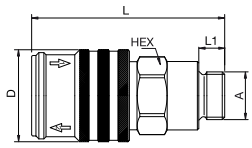
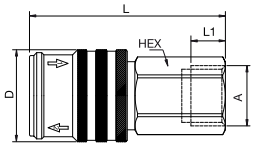
Connecting Force 0 bar: 47 N
Connecting Force 6 bar: 126 N

Flow diagrams

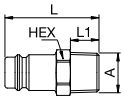
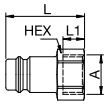
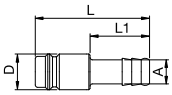
Air



Couplings – with valve — Series 1700KE

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 Male Thread	G 3/8	24	67	9	32	1700KEAW17SPN
	G 1/2	24	70	12	32	1700KEAW21SPN
	G 3/4	30	74	16	32	1700KEAW26SPN
 Female Thread	G 3/8	24	64,5	12	32	1700KEIW17SPN
	G 1/2	24	68	12	32	1700KEIW21SPN
	G 3/4	32	74	16	32	1700KEIW26SPN

Plugs – without valve — Series 27SF

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 Male Thread	R 1/4	17	40	12		27SFAK13SXN
	R 3/8	17	40	12		27SFAK17SXN
	R 1/2	22	45	17		27SFAK21SXN
	R 3/4	27	48	19		27SFAK26SXN
 Female Thread	G 1/4	17	33	9		27SFIW13SXN
	G 3/8	19	33	9		27SFIW17SXN
	G 1/2	24	37	12		27SFIW21SXN
	G 3/4	32	42	16		27SFIW26SXN
 Hose Barb	6 mm		48	25	15	27SFTF06SXN
	8 mm		48	25	15	27SFTF08SXN
	9 mm		48	25	15	27SFTF09SXN
	10 mm		48	25	15	27SFTF10SXN
	13 mm		48	25	15	27SFTF13SXN
	16 mm		49	25	18	27SFTF16SXN
	19 mm		49	25	18	27SFTF19SXN

⚠ Please consider our security advices on the pages 12/13 ⚠