



New CEJN Full-Flow Couplings Offer Unrestricted Flow

CEJN's new full-flow couplings, for low-pressure fluid applications, feature a valveless design that permits unrestricted, high flow.

When customers approached CEJN for a coupling that would offer maximum fluid flow, CEJN engineers asked just what would satisfy their needs. They heard requirements such as:

- No flow restrictions
- Uncomplicated, compact design
- Easy to maintain and service
- Tarnish-resistant finish
- Economical

Putting to work the strengths behind its Global Quick Connect Specialist reputation, CEJN transformed the requirement list into new full-flow couplings for fluid applications.

Economical Valveless Design

CEJN full-flow couplings feature an economical valveless design that permits unrestricted, high flow and accommodates high viscosity fluids. The straightforward design reduces pressure drop.

Engineered with the high quality that customers expect with couplings bearing the CEJN name, the new quick-connect couplings offer long service life in low-pressure applications, such as fluid transfer, mold coolant/heating, chemical processing, and vacuum service.

Connections are made by simply pulling back the locking sleeve with one hand and pushing in the nipple with the other hand. The couplings are easily wiped clean, and the internal O-ring is easy to access and replace.

The new couplings are available in high-gloss, nickel-plated brass and electro-polished AISI 316 stainless steel in flow diameters: 25 mm (1"), 38 mm (1½"), and 51 mm (2").

Safety Options

CEJN full-flow couplings are offered with optional color-coded rings that can be used to identify media and/or pressure lines and the corresponding nipple for each coupling. Color-coded rings are available in green, red, black, blue, yellow, and white and withstand temperatures up to +125°C (+250°F).

An optional safety-locking device eliminates the risk of unintentional disconnection. When the nipple is connected and locked into place, the locking feature engages by manually turning the locking sleeve. Disconnection is achieved by turning the locking sleeve back into position. The nipple can only be disconnected when the locking sleeve is in the correct position.



Full Flow product data



Series 701, 851, 921 Nickel-plated brass

Max. working pressure..... 20 bar (290 PSI)
 Min. burst pressure..... 80 bar (1160 PSI)
 Temperature range -30°C – +100°C (-22°F – +212°F)

Series 701

Nominal flow diameter 25.4 mm (1")

		Part No.	Connection	Seal	Length	Diameter	Hexagon
COUPLINGS WITHOUT VALVE	Female thread	107010203	G 1"	NBR	60	53	46
		107010403	NPT 1"	NBR	58	53	46
NIPPLES WITHOUT VALVE	Female thread	107015203	G 1"	-	64	53	46
		107015403	NPT 1"	-	62	53	46

Series 851

Nominal flow diameter 38.1 mm (1 1/2")

		Part No.	Connection	Seal	Length	Diameter	Hexagon
COUPLINGS WITHOUT VALVE	Female thread	108510205	G 1 1/2"	NBR	66	69	60
		108510405	NPT 1 1/2"	NBR	61	69	60
NIPPLES WITHOUT VALVE	Female thread	108515205	G 1 1/2"	-	70	69	60
		108515405	NPT 1 1/2"	-	65	69	60

Series 921

Nominal flow diameter 50.8 mm (2")

		Part No.	Connection	Seal	Length	Diameter	Hexagon
COUPLINGS WITHOUT VALVE	Female thread	109210207	G 2"	NBR	74.5	86.6	75
		109210407	NPT 2"	NBR	65.5	86.6	75
NIPPLES WITHOUT VALVE	Female thread	109215207	G 2"	-	78	86.6	75
		109215407	NPT 2"	-	69	86.6	75

Series 702, 852, 922 Stainless steel, AISI 316

Max. working pressure..... 20 bar (290 PSI)
 Min. burst pressure..... 80 bar (1160 PSI)
 Temperature range -15°C – +205°C (5°F – +401°F)

Series 702

Nominal flow diameter 25.4 mm (1")

		Part No.	Connection	Seal	Length	Diameter	Hexagon
COUPLINGS WITHOUT VALVE	Female thread	107020213	G 1"	FPM	60	53	46
		107020413	NPT 1"	FPM	58	53	46
NIPPLES WITHOUT VALVE	Female thread	107025203	G 1"	-	64	53	46
		107025403	NPT 1"	-	62	53	46

Series 852

Nominal flow diameter 38.1 mm (1 1/2")

		Part No.	Connection	Seal	Length	Diameter	Hexagon
COUPLINGS WITHOUT VALVE	Female thread	108520215	G 1 1/2"	FPM	66	69	60
		108520415	NPT 1 1/2"	FPM	61	69	60
NIPPLES WITHOUT VALVE	Female thread	108525205	G 1 1/2"	-	70	69	60
		108525405	NPT 1 1/2"	-	65	69	60

Series 922

Nominal flow diameter 50.8 mm (2")

		Part No.	Connection	Seal	Length	Diameter	Hexagon
COUPLINGS WITHOUT VALVE	Female thread	109220217	G 2"	FPM	74.5	86.6	75
		109220417	NPT 2"	FPM	65.5	86.6	75
NIPPLES WITHOUT VALVE	Female thread	109225207	G 2"	-	78	86.6	75
		109225407	NPT 2"	-	69	86.6	75