

CF/CFU - Single acting push cylinders with spring return

CF cylinders are real work horses within NIKE's cylinder product range. They are, for example, part of our push-and pull-kits (for more information, please see separate product information). The cylinders are prepared for accessories to be connected at the piston top or at the bottom of the cylinder.

CF cylinders are available with capacities at 5 ton, 10 ton or 25 ton and stroke lengths between 127 mm - 300 mm.

There are also CF cylinders available with extra long piston pin (CFU - models).



Options for quick couplings

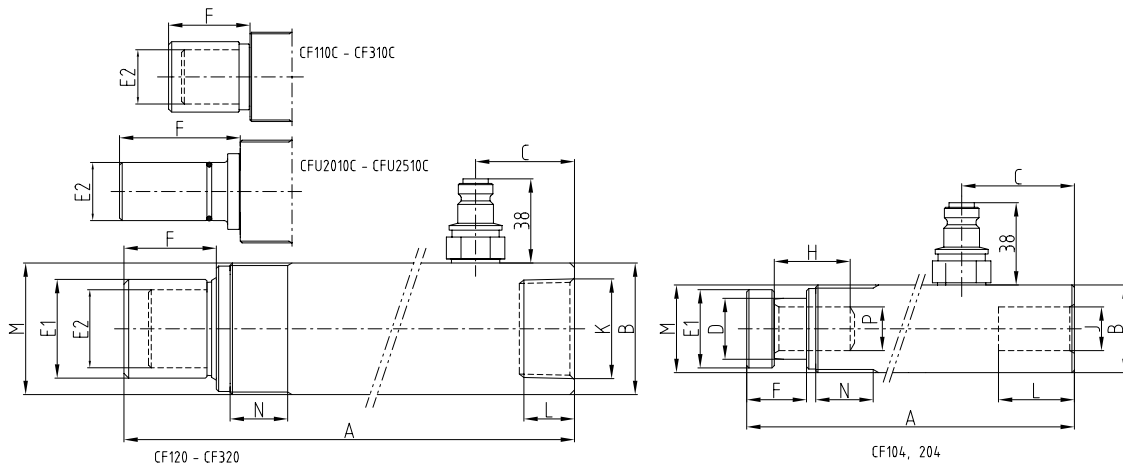
All cylinders can be delivered with quick couplings of insert type - male ⁽¹⁾ or of screw model - female ⁽²⁾. When ordering cylinders with screw type coupling, put "P" at the end of the model (e.g. CFC1010P).



Technical data



Name	Working press. MPa	Capacity kN (t)	Stroke mm	Stroke volume cm ³	Piston ø mm	Piston area cm ²	Diameter mm	Height mm	Weight kg
CF104	70	49 (5)	127	90	26.5	7.1	37.5	267	1.7
CF204	70	49 (5)	200	142	26.5	7.1	37.5	340	2.4
CF110C	70	111 (11)	150	239	38	15.9	56.5	321	4.7
CF210C	70	111 (11)	200	318	38	15.9	56.5	372	5.5
CF310C	70	111 (11)	300	477	38	15.9	56.5	474	7
CF120	70	232 (24)	127	422	60	33.2	84	337	10.2
CF220	70	232 (24)	200	664	60	33.2	84	410	12.4
CF320	70	232 (24)	300	996	60	33.2	84	510	16
CFU2010C	70	111 (11)	200	318	38	15.9	56.5	387	5.3
CFU2510C	70	111 (11)	250	398	38	15.9	56.5	437	6



Name	Capacity kN (t)	A mm	B ø mm	C mm	D ø mm	E1 ø mm	E2 ø mm	F mm	H mm	J mm	K	L mm	M	N mm	P ø mm
CF104	49 (5)	267	37.5	49	26.5	34	-	25	33	19	-	33	1 1/2"-16 UN	25	19
CF204	49 (5)	340	37.5	49	26.5	34	-	25	33	19	-	33	1 1/2"-16 UN	25	19
CF110C	111 (11)	321	56.5	43	38	45	32.25	52	-	-	1 1/4"-11 1/2 NPT	22	2 1/4"-14 UN	27	-
CF210C	111 (11)	372	56.5	43	38	45	32.25	52	-	-	1 1/4"-11 1/2 NPT	22	2 1/4"-14 UN	27	-
CF310C	111 (11)	474	56.5	43	38	45	32.25	52	-	-	1 1/4"-11 1/2 NPT	22	2 1/4"-14 UN	27	-
CF120	232 (24)	337	84	41	60	63	48	59	-	-	2"-11 1/2 NPT	22	3 5/16"-12 UN	25	-
CF220	232 (24)	410	84	41	60	63	48	59	-	-	2"-11 1/2 NPT	22	3 5/16"-12 UN	25	-
CF320	232 (24)	510	84	41	60	63	48	59	-	-	2"-11 1/2 NPT	22	3 5/16"-12 UN	25	-
CFU2010C	111 (11)	387	56.5	43	38	-	32.25	67	-	-	1 1/4"-11 1/2 NPT	22	2 1/4"-14 UN	27	-
CFU2510C	111 (11)	437	56.5	43	38	-	32.25	67	-	-	1 1/4"-11 1/2 NPT	22	2 1/4"-14 UN	27	-



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