

# 700 bar

**BAHCO**  
DORTMUND



## ***HOLLOW PISTON CYLINDER SERIES CHFA • SINGLE-ACTING WITH SPRING RETURN***

Hollow piston cylinders of the new CHFA series are made out of aluminium and are lighter with it up to 50% than comparable cylinders of steel.

The continuous drilling in the piston middle allows the universal application for pressure and/or train duties.

CHFA cylinders are available with capacities of 12 to 100 tonnes and a hydraulic heave up to 153 mm.

Pressure pieces and base plates for cylinder For the complete series of the CHFA – cylinders are available different pressure pieces and base plates of steel. See under accessories. The base plates serve the aluminium cylinders as an easy and effective protection from damage.

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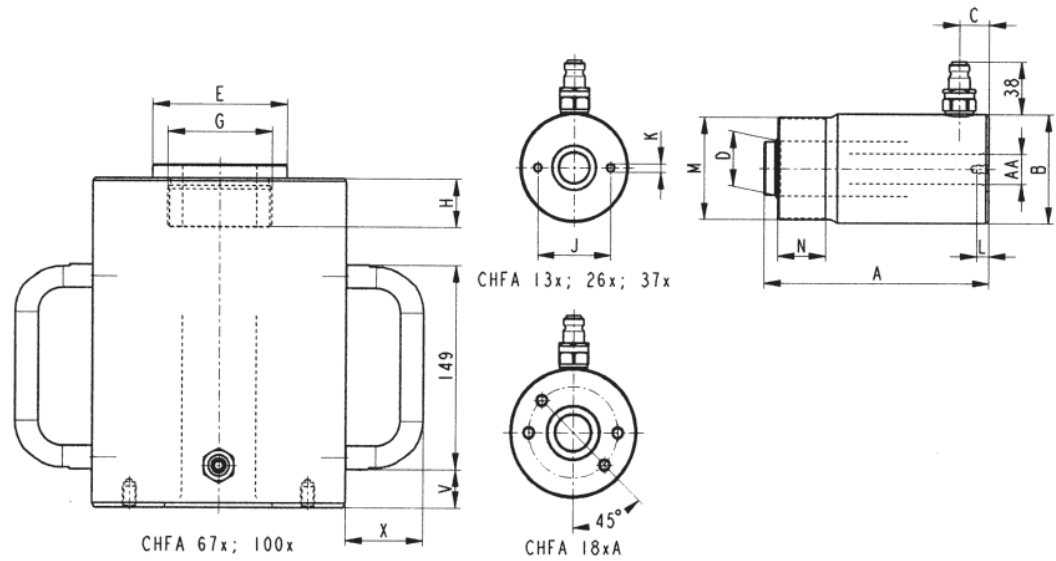
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Type	Work.- pressure MPa	Capacity kN (t)	Stroke mm	Oil vol. cm <sup>3</sup>	Piston ø mm	Piston area cm <sup>2</sup>	Diameter mm	Length mm	Weight kgs
CHFA132	70	123 (13)	52	92	40	17.6	80	165	2.3
CHFA136	70	123 (13)	153	270	40	17.6	80	310	4
CHFA182	70	176 (18)	51	128	45	25.1	94	171	3
CHFA184	70	176 (18)	102	256	45	25.1	94	246	4
CHFA262	70	255 (26)	51	186	60	36.4	115	180	4.9
CHFA266	70	255 (26)	153	557	60	36.4	115	323	8.7
CHFA372	70	358 (36)	51	261	70	51.2	136	189	6.9
CHFA376	70	358 (36)	153	784	70	51.2	136	327	12
CHFA673	70	659 (67)	77	726	100	94.2	185	250	18
CHFA676	70	659 (67)	153	1442	100	94.2	185	350	25
CHFA1003	70	1010 (103)	77	1111	120	144.3	227	284	29
CHFA1006	70	1010 (103)	153	2208	120	144.3	227	391	40

Max. working pressure 800 bar, capacity increase by 14%.



Type	A mm	B ø mm	C mm	D ø mm	E ø mm	G	H mm	J mm	K	L mm	M	N mm	V mm	X mm	AA ø mm
CHFA132	165	80	22	40	39	M30x1,5	17	54	M6	9	M75x2	35	-	-	22
CHFA136	310	80	22	40	39	M30x1,5	17	54	M6	9	M75x2	35	-	-	22
CHFA182	171	94	22	45	45	M35x1,5	25	66	M8	10	M90x2	35	-	-	26
CHFA184	246	94	22	45	45	M35x1,5	25	66	M8	10	M90x2	35	-	-	26
CHFA262	180	115	26	60	59	M45x1,5	29	86	M10	12	M115x2	35	-	-	32
CHFA266	323	115	26	60	59	M45x1,5	29	86	M10	12	M115x2	35	-	-	32
CHFA372	189	136	28	70	68	M50x2	30	105	M10	15	M130x2	35	-	-	39
CHFA376	327	136	28	70	68	M50x2	30	105	M10	15	M130x2	35	-	-	39
CHFA673	250	185	30	100	98	M76x3	36	130	M10	15	-	-	28	57	54
CHFA676	350	185	30	100	98	M76x3	36	130	M10	15	-	-	102	57	54
CHFA1003	284	227	34	120	118	M90x2	42	185	M12	16	-	-	47	57	66
CHFA1006	391	227	34	120	118	M90x2	42	185	M12	16	-	-	122	57	66