

700 BAR

BAHCO
DORTMUND



HOLLOW PISTON CYLINDER SERIES CHFA

SINGLE ACTING WITH SPRING RETURN

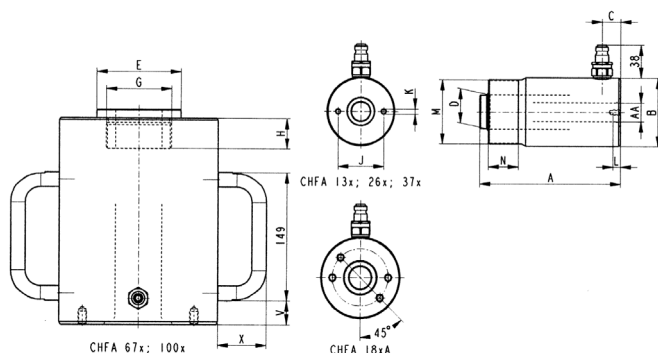
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Hollow piston cylinders of the new CHFA series are made out of aluminium and are lighter with it up to 50% than comparable cylinders of steel. The continuous drilling in the piston middle allows the universal application for pressure and/or train duties. CHFA cylinders are available with capacities ranging from 12 to 100 tons and a hydraulic stroke of up to 153 mm.

Various steel pressure pads are available for the entire CHFA series (see under Hydraulic Accessories).

As a standard feature, CHFA cylinders are supplied with **Type THH pressure pads** and **Type TS base plates** to provide simple and effective protection against damage.

Technical drawing



Technical data

Type	Work. pressure	Capacity	Stroke	Oil volume	Piston ø	Piston area	Diameter	Overall height incl. Type TS base plate	Weight
	MPa	kN (t)	mm	cm ³	mm	cm ²	mm		kg
CHFA132	70	123 (13)	52	92	40	17.6	80	170	2.33
CHFA136	70	123 (13)	153	270	40	17.6	80	315	4.20
CHFA182A	70	176 (18)	51	128	45	25.1	94	177	3.30
CHFA184A	70	176 (18)	102	256	45	25.1	94	252	4.30
CHFA262	70	255 (26)	51	186	60	36.4	115	188	5.40
CHFA266	70	255 (26)	153	557	60	36.4	115	331	9.20
CHFA372	70	358 (36)	51	261	70	51.2	136	197	7.60
CHFA376	70	358 (36)	153	784	70	51.2	136	335	12.70
CHFA504	70	508 (52)	104	756	80	72.7	160	284	15.80
CHFA673	70	659 (67)	77	726	100	94.2	185	267	20.10
CHFA674	70	659 (67)	102	961	100	94.2	185	294	21.70
CHFA676	70	659 (67)	153	1442	100	94.2	185	367	26.70
CHFA1003	70	1010 (103)	77	1111	120	144.3	227	300	32.80
CHFA1006	70	1010 (103)	153	2208	120	144.3	227	407	43.20

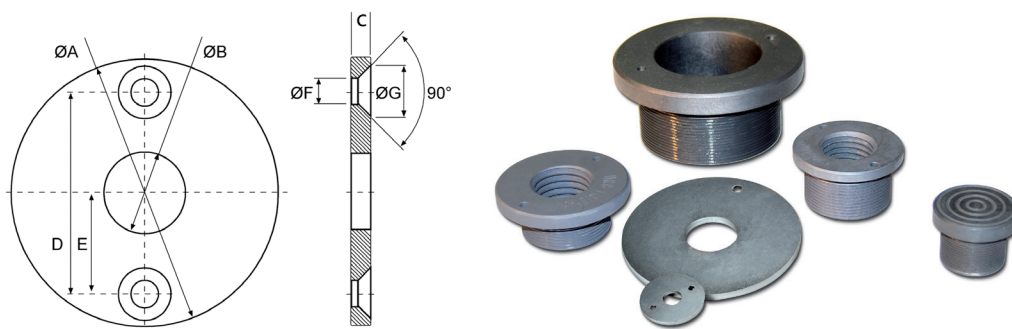
Max. working pressure 700 bar, Connection thread for quick coupling G $\frac{1}{4}$ ".

Dimensions

Type	A*	B Ø	C	D Ø	E Ø	G	H	J	K	L	M	N	V	X	AA Ø
	mm						mm			mm		mm			
CHFA132	170	80	22	40	39	M30x1,5	17	54	M6	9	M75x2	35	-	-	22
CHFA136	315	80	22	40	39	M30x1,5	17	54	M6	9	M75x2	35	-	-	22
CHFA182A	177	94	22	45	45	M35x1,5	25	66	M8	10	M90x2	35	-	-	26
CHFA184A	252	94	22	45	45	M35x1,5	25	66	M8	10	M90x2	35	-	-	26
CHFA262	188	115	26	60	59	M45x1,5	29	86	M10	12	M115x2	35	-	-	32
CHFA266	331	115	26	60	59	M45x1,5	29	86	M10	12	M115x2	35	-	-	32
CHFA372	197	136	28	70	68	M50x2	30	105	M10	15	M130x2	35	-	-	39
CHFA376	335	136	28	70	68	M50x2	30	105	M10	15	M130x2	35	-	-	39
CHFA504	284	160	32	80	79	M62x1,5	32	130,2	M10	15	-	-	37,5	55	51
CHFA673	267	185	37	100	98	M76x3	36	130	M10	15	-	-	27,5	55	54
CHFA674	294	185	37	100	98	M76x3	36	130	M10	15	-	-	63	55	54
CHFA676	367	185	30	100	98	M76x3	36	130	M10	15	-	-	101,5	55	54
CHFA1003	300	227	34	120	118	M90x2	42	185	M12	16	-	-	55,5	55	66
CHFA1006	407	227	34	120	118	M90x2	42	185	M12	16	-	-	121,5	55	66

*Total height incl. Type TS base plate

Technical drawing



Bottom plates for hollow piston cylinder

Type	for Cylinder	A Ø	B Ø	C	D	E	F Ø	G Ø	Weight
	kN (t)	mm							
		kg							
TS13	123 (13)	80	32	5	54	27	7	13	0.20
TS18	176 (18)	93	38	6	66.4	33.2	9	17.8	0.30
TS26	255 (26)	114	50	8	86	43	11	22	0.50
TS37	358 (36)	135	58	8	105	52.5	11	22	0.70
TS50	508 (52)	159	70	8	130.2	65.1	11	22	1.10
TS67	659 (67)	184	78	10	130	65	11	22	1.70
TS100	1010 (103)	226	95	10	185	92.5	13	25.7	2.60



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All information subject to change without further notice.
No responsibility is taken for the correctness of the named specifications.