

800 BAR

BAHCO
DORTMUND



HOLLOW PISTON CYLINDER SERIES CHB

7 TONS UP TO 100 TONS

BAHCO

Due to the hollow piston design, cylinder pressure can be used with a suitable setup, for example, for pretensioning tie rods or pressing bearing tubes in and out.

Pulling accessories are available for select models.

- 8 models with 40 mm to 150 mm stroke
- Single-acting, with or without spring return

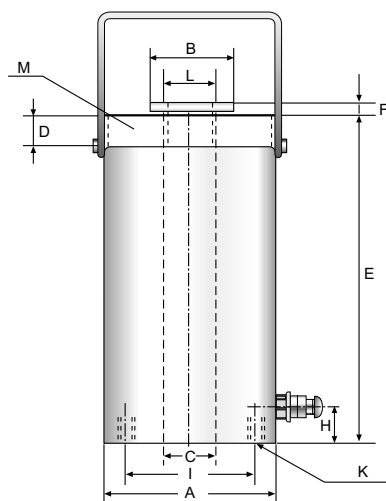
- Integrated guide band makes it suitable for extreme side loads
- Designed for full piston velocity
- Hard-chrome plated piston rod
- Replaceable pressure plate with internal thread or through-hole
- Additional pressure plates available as extra accessories
- Cylinders with 30 t capacity or higher include a carrying handle

Technical data								
Type	Order number	Cylinder-class	Capacity	Stroke	Oil volume	Piston area	Spring return	Weight
		tn	kN	mm	cm ³	cm ²		kg
CHB 7 - 40	40231550	7	69	40	35	8.8	–	1.6
CH 14 - 75B	38027424	14	138	75	135	18.0	x	3.5
CHB 15 - 50	40231500	15	159	50	101	20.2	x	4.6
CHB 15 - 100	40231510	15	159	100	202	20.2	x	6.9
CHB 30 - 50	40230100	30	320	50	204	40.8	–	7.2
CHB 30 - 75	40230200	30	320	75	306	40.8	x	11.7
CHB 30 - 150	40230300	30	320	150	612	40.8	x	16.0
CHB 50 - 40	38281500	50	491	40	251	62.6	–	9.4
CHB 50 - 40F	38281510	50	491	40	251	62.6	x	10.9
CHB 100-75	40230400	100	999	75	950	126.6	x	48.5
Connection thread for quick coupling G1/4"								

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Technical drawing



Dimensions

Type	A	B	C	D	E	F	H	I	K	L	M
	mm										
CHB 7 - 40	58	38	20	22	105	–	22.5	47	3 x M 6	21 Ø	M 55 x 1.5
CH14 - 75B	69.5	38	20.5	30	186	–	19.0	51	2 x M8-15	20,5 Ø	2"¾-16UNC
CHB 15 - 50	82	45	26	30	149	9	19.0	66	2 x M 8	M24* o. 1"UNC	M 82 x 3
CHB 15 - 100	82	45	26	30	229	9	19.0	66	2 x M 8	M24* o. 1"UNC	M 82 x 3
CHB 30 - 50	108	63	35	30	142	6	31.0	86	3 x M 10	M 33* o. 1¼" UNC	M 105 x 3
CHB 30 - 75	108	63	35	30	205	6	31.0	86	3 x M 10	M 33* o. 1¼" UNC	M 105 x 3
CHB 30 - 150	108	63	35	30	315	6	37.0	86	3 x M 10	M 33* o. 1¼" UNC	M 105 x 3
CHB 50 - 40	124	75	37	30	133	8	17.0	100	3 x M 10	UNC 1⅜" x 6	M 125 x 3
CHB 50 - 40F	124	70	37	30	175	8	17.0	100	3 x M 10	UNC 1⅜" x 6	M 125 x 3
CHB 100 - 75	185	100	55	50	299	12	55.0	168	3 x M 10	55 Ø	M 170 x 3

* Standard



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