



### High-tonnage cylinders model YEHA

Double-acting with hydraulic return,  
capacity max. 140 - 1100 t

Cylinders of series YEHA are normally used for lifting, positioning or handling heavy loads. The double-acting function allows a faster piston return, even with longer hydraulic hoses.

Lifting and moving of large machinery, steel construction, bridges or similar loads, supporting of buildings and foundations.

Further applications are positioning, weighing, through pressing, stress testing or jacking of all kinds of loads.

#### Features

- Operating pressure max. 700 bar.
- Double-acting with hydraulic return.
- Generous guiding bands ensure a robust piston guiding.
- Hard chromium-plated piston.
- Stop ring as piston end stop.
- Interchangeable hardened saddle.
- Dirt wiper protects against dirt.
- Oil port thread 3/8 NPT.
- Incl. 2 female coupler halves model CFY-1.
- Mounting threads on request.
- All cylinders have lifting rings.



### INFO

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Selection charts "cylinder/hand pumps" can be found on pages 405-407!

Travel-speed charts are supplied on pages 408-409.

## Technical data model YEHA

Cylinder size t	Model	EAN-No. 4025092*	Capacity max. kN	Stroke mm	Effective plunger area cm <sup>2</sup>	Oil volume max. cm <sup>3</sup>	Closed height mm	Cylinder outside diameter mm	Weight kg
140	YEHA-140/50	*162937	1400	50	201	1005	201	200	44
140	YEHA-140/100	*162920	1400	100	201	2010	251	200	51
140	YEHA-140/150	*162944	1400	150	201	3015	306	200	59
140	YEHA-140/200	*162951	1400	200	201	4020	356	200	66
140	YEHA-140/300	*162975	1400	300	201	6030	461	200	81
220	YEHA-220/50	*162982	2200	50	314	1570	216	250	75
220	YEHA-220/100	*162999	2200	100	314	3140	266	250	86
220	YEHA-220/150	*163002	2200	150	314	4710	326	250	101
220	YEHA-220/300	*163033	2200	300	314	9425	486	250	139
340	YEHA-340/50	*163125	3430	50	491	2453	231	310	127
340	YEHA-340/100	*163132	3430	100	491	4906	281	310	148
340	YEHA-340/150	*163149	3430	150	491	7360	341	310	175
340	YEHA-340/300	*163170	3430	300	491	14700	501	310	243
430	YEHA-430/50	–	4226	50	616	3079	248	340	164
430	YEHA-430/100	–	4226	100	616	6158	294	340	188
430	YEHA-430/150	*118347	4226	150	616	9236	353	340	215
430	YEHA-430/250	–	4226	300	616	18474	508	340	293
560	YEHA-560/50	–	5620	50	804	4019	268	390	234
560	YEHA-560/100	*163446	5620	100	804	8038	318	390	286
560	YEHA-560/150	*163439	5620	150	804	12058	373	390	301
560	YEHA-560/300	–	5620	300	804	24130	538	390	406
670	YEHA-670/50	–	6603	50	962	4811	283	430	304
670	YEHA-670/100	*188791	6603	100	962	9621	333	430	343
670	YEHA-670/150	*474771	6603	150	962	14432	398	430	400
670	YEHA-670/300	–	6603	300	962	28866	558	430	529
880	YEHA-880/50	–	8790	50	1257	6280	310	490	434
880	YEHA-880/100	–	8790	100	1257	12560	360	490	485
880	YEHA-880/150	–	8790	150	1257	18840	420	490	551
880	YEHA-880/300	–	8790	300	1257	37700	580	490	719
1100	YEHA-1100/50	–	11000	50	1590	7949	330	550	584
1100	YEHA-1100/100	–	11000	100	1590	15896	380	550	648
1100	YEHA-1100/150	*570893	11000	150	1590	23845	440	550	731
1100	YEHA-1100/300	*918442	11000	300	1590	47700	600	550	943



## INFO

For tilt saddles for cylinders please see pages 348-349.