

# AHB, B-series, air hydraulic boosters



- One shot air/hydraulic booster for high production applications
- High speed operation and constant hydraulic output
- Extended service life
- Large oil delivery per stroke allows quick filling of cylinders for clamping or punching

## AHB Series Boosters

- Fiberglass wound air chamber eliminates possibility of rust due to moisture in air system
- Designed for fully automated production applications

## B series Boosters

- One-shot spring return
- Aluminium construction
- Built-in stroke sensor for automatic cycle operation 30 VDC switch closes 25 mm before end of full air piston stroke
- Internal self-bleeding automatically purges air from system when booster piston is at highest point in circuit

Oil Pressure bar		Oil Volume Per Stroke cm <sup>3</sup>	Pressure Ratio	Model Number	Air Con- sump- tion * l/cycle at 6 bar	Air Piston Dia. mm	Hydr. Piston Dia. mm	Hydr Stroke mm	Air Operating Pressure bar	Wt. kg
at 5 bar air	at 7 bar air									
83	110	295,0	1:16	<b>AHB-17</b>	62,6	203	51	145	1-8	18,8
175	235	139,3	1:34	<b>AHB-34</b>	63,6	203	35	145	1-8	16,8
240	315	100,0	1:46	<b>AHB-46</b>	63,9	203	30	145	1-8	16,4
330	-	73,7	1:64	<b>AHB-66</b>	64,1	203	25	145	1-8	16,0
155	210	101,6	1:30	<b>B-3006</b>	27	180	31	132	3-9	14,0
260	350	60,6	1:50	<b>B-5003</b>	27	180	24	132	3-9	14,0

\* Air consumption per cycle. One cycle = advance + retract stroke.