



HLB 31
art. no. 350.321.028

38
art. no. 350.321.030

RAMM
31.028

350.321.028





Features & benefits ↓

- Clear indication of safety warnings, technical specifications and lifting height
 - To help you work safer and easier
- Center markings on all sides
 - To help you position a smaller bag onto a larger model
- Non-slip surface with interlocking profile
 - To maximize the contact area and stability of inflated lifting bags
- Reflective markings
 - For optimal visibility in the dark
- Compliant with relevant safety standards
 - Meets EN 13731 and other legislative requirements

Standard supplied with ↓

- Flexible integrated dust cap on air inlet

Lifting capacity / height diagrams	page	109
Air hoses	page	111
Control units	page	112
Accessories	page	114
Control sets	page	117

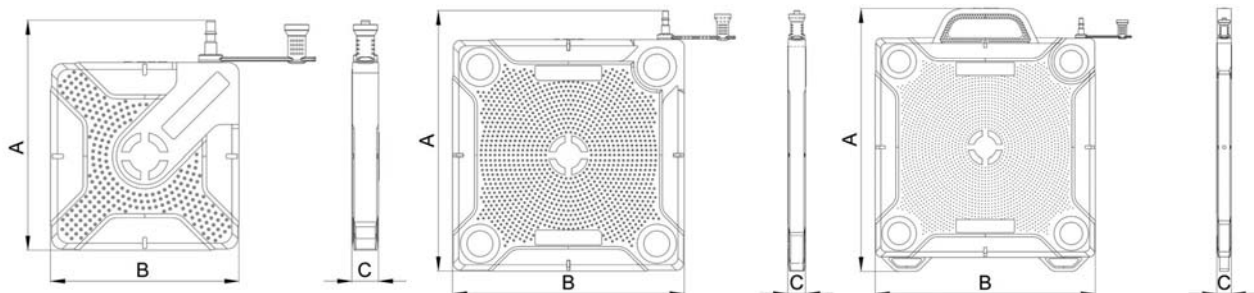


Center markings on all sides

Lifting bags - Lifting bags



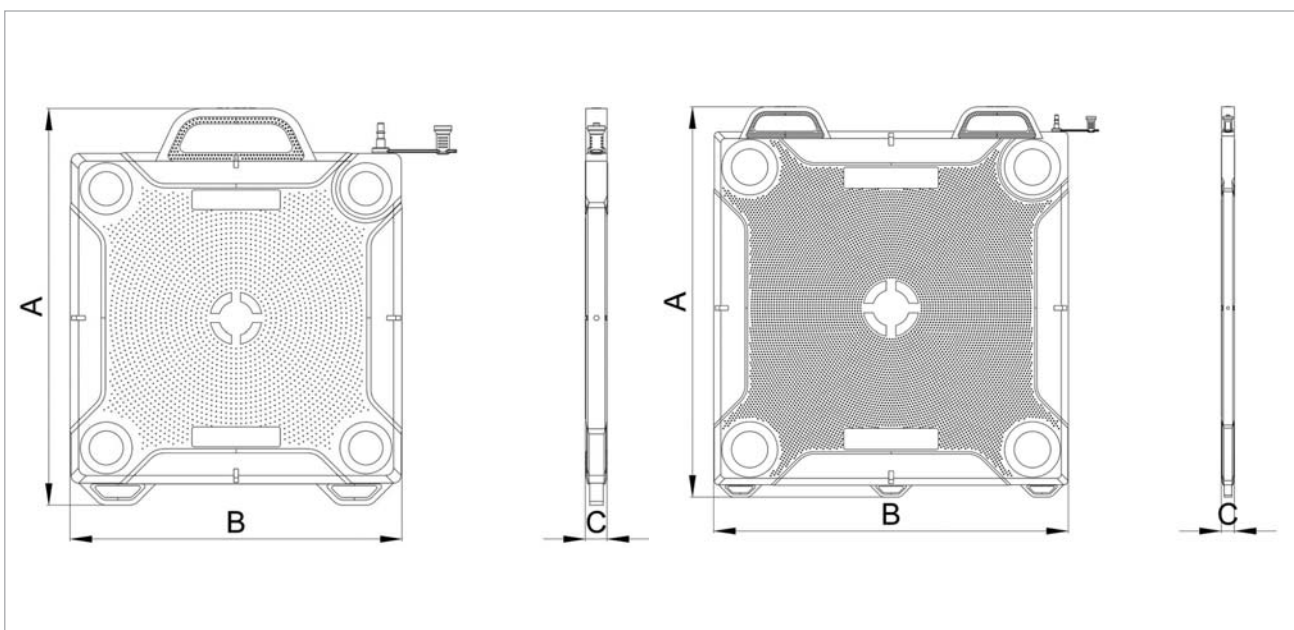
model		HLB 2	HLB 6	HLB 8	HLB 11	HLB 16	HLB 21
art no		350.321.021	350.321.022	350.321.023	350.321.025	350.321.026	350.321.027
max. working pressure	bar/Mpa	12 / 1.2	12 / 1.2	12 / 1.2	12 / 1.2	12 / 1.2	12 / 1.2
max. inflation height	mm	94	141	179	207	236	266
thickness incl. profile	mm	22	22	22	25	25	25
max. lifting capacity	kN/t	21 / 2.1	55 / 5.6	82 / 8.4	110 / 11.2	155 / 15.8	210 / 21.4
max. lifting capacity (12 bar/174 psi)	kN/t	21 / 2.1	55 / 5.6	82 / 8.4	110 / 11.2	155 / 15.8	210 / 21.4
max. lifting capacity (8 bar/116 psi)	kN/t	14 / 1.4	37 / 3.8	55 / 5.6	73 / 7.4	103 / 10.5	133 / 13.6
air content (12 bar/174 psi)	l	9.6	26.4	40	64.8	104.4	161
air content (8 bar/116 psi)	l	6.4	17.6	26.4	43.2	69.6	107.2
water content	l	0.8	2.2	3.3	5.4	8.7	13.4
connection		ISO 6150 C	ISO 6150 C	ISO 6150 C	ISO 6150 C	ISO 6150 C	ISO 6150 C
min. bursting pressure	bar/Mpa	48 / 4.8	48 / 4.8	48 / 4.8	48 / 4.8	48 / 4.8	48 / 4.8
material		reinforced with 3 aramide inlays	reinforced with 3 aramide inlays	reinforced with 3 aramide inlays	reinforced with 3 aramide inlays	reinforced with 3 aramide inlays	reinforced with 3 aramide inlays
weight, ready for use	kg	0.7	1.6	2.1	3.2	4.5	5.6
dimensions (AxBxC)	mm	200 x 160 x 22	285 x 245 x 22	335 x 295 x 22	403 x 325 x 25	467 x 390 x 25	517 x 440 x 25
temperature range	°C	-20 + 55	-20 + 55	-20 + 55	-20 + 55	-20 + 55	-20 + 55



Lifting bags - Lifting bags

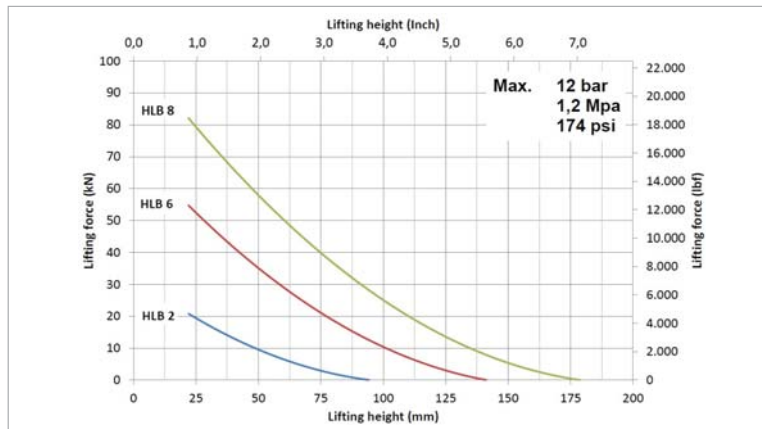


model		HLB 31	HLB 38	HLB 53	HLB 63	HLB 85	HLB 96
art no		350.321.028	350.321.030	350.321.031	350.321.032	350.321.034	350.321.033
max. working pressure	bar/Mpa	12 / 1.2	12 / 1.2	12 / 1.2	12 / 1.2	12 / 1.2	12 / 1.2
max. inflation height	mm	321	352	411	456	550	565
thickness incl. profile	mm	27	27	27	27	27	27
max. lifting capacity	kN/t	306 / 31.2	370 / 37.7	520 / 53	620 / 63.2	855 / 87.2	940 / 95.9
max. lifting capacity (12 bar/174 psi)	kN/t	306 / 31.2	370 / 37.7	520 / 53	620 / 63.2	855 / 87.2	940 / 95.9
max. lifting capacity (8 bar/116 psi)	kN/t	204 / 20.8	247 / 25.2	347 / 35.4	413 / 42.1	570 / 58.1	627 / 63.9
air content (12 bar/174 psi)	l	286	438	692	884	1415	1619
air content (8 bar/116 psi)	l	190.4	296	462	592	943	1079
water content	l	24	37	58	74	118	135
connection		ISO 6150 C	ISO 6150 C	ISO 6150 C	ISO 6150 C	ISO 6150 C	ISO 6150 C
min. bursting pressure	bar/Mpa	48 / 4.8	48 / 4.8	48 / 4.8	48 / 4.8	48 / 4.8	48 / 4.8
material		reinforced with 3 aramide inlays	reinforced with 3 aramide inlays	reinforced with 3 aramide inlays	reinforced with 3 aramide inlays	reinforced with 3 aramide inlays	reinforced with 3 aramide inlays
weight, ready for use	kg	8.6	10.0	15.0	17.0	23.0	25.0
dimensions (AxBxC)	mm	608 x 530 x 27	662 x 585 x 27	767 x 690 x 27	827 x 750 x 27	948 x 870 x 27	987 x 910 x 27
thread hole	threadsize	M6	M6	M6	M6	M6	M6
temperature range	°C	-20 + 55	-20 + 55	-20 + 55	-20 + 55	-20 + 55	-20 + 55



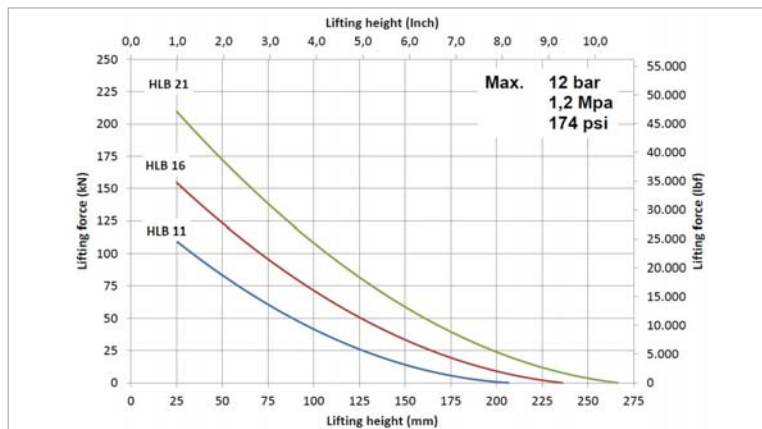
Diagrams - HLB 12 bar

HLB 2, 6 and 8



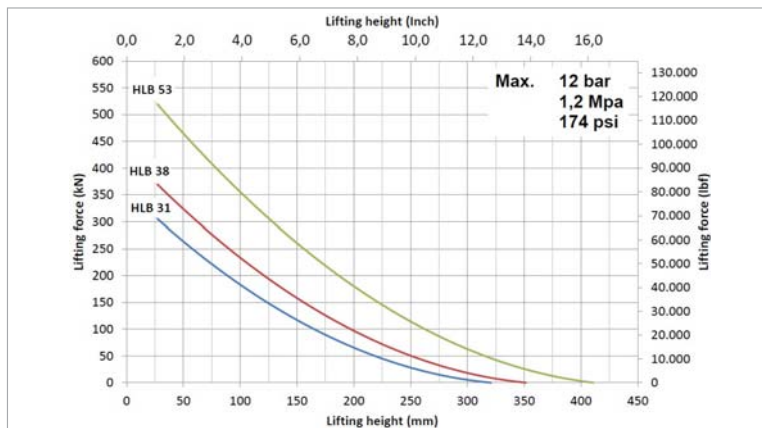
- HLB 2
- HLB 6
- HLB 8

HLB 11, 16 and 21



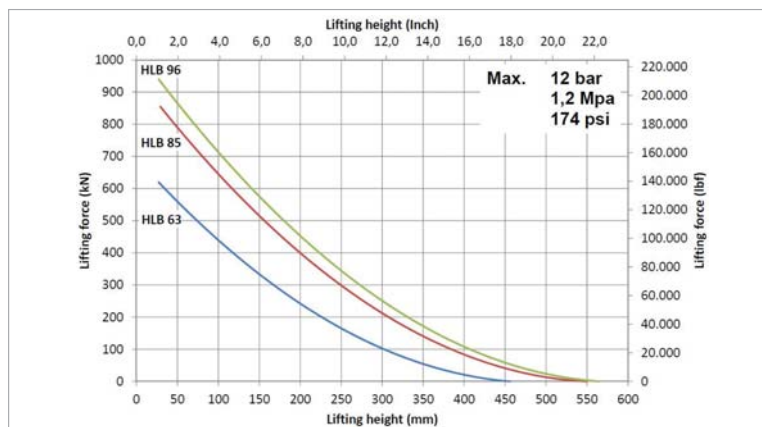
- HLB 11
- HLB 16
- HLB 21

HLB 31, 38 and 53



- HLB 31
- HLB 38
- HLB 53

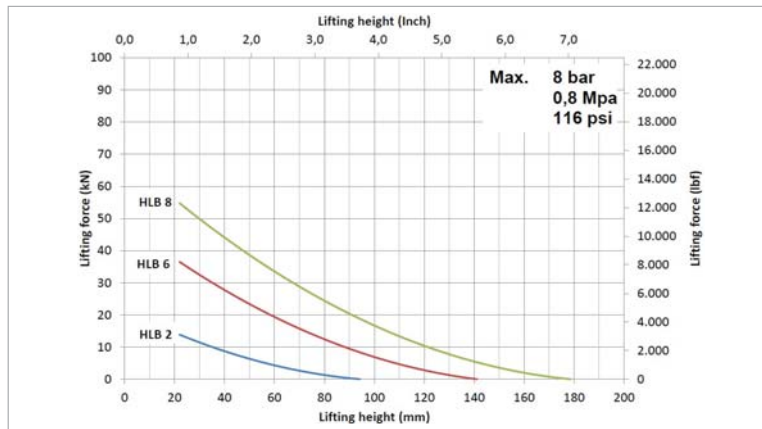
HLB 63, 85 and 96



- HLB 63
- HLB 85
- HLB 96

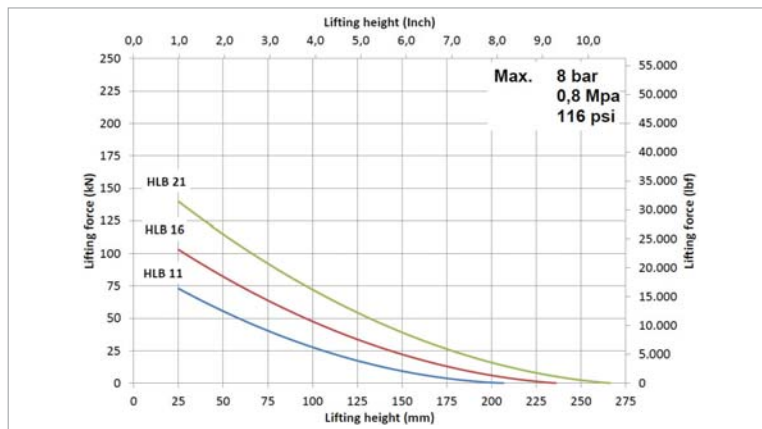
Diagrams - HLB 8 bar

HLB 2, 6 and 8



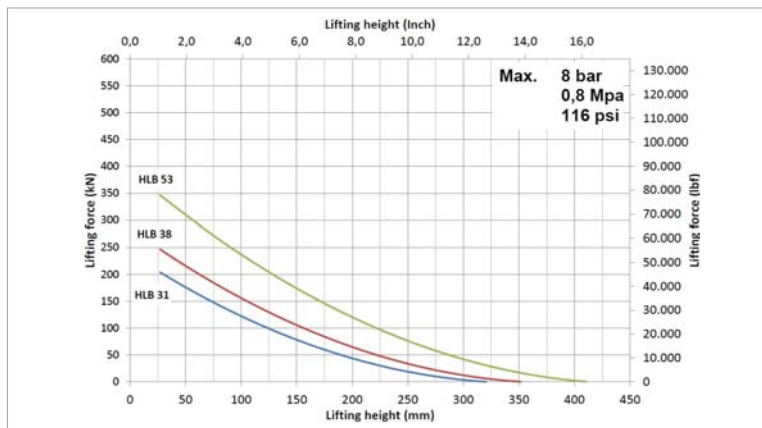
- HLB 2
- HLB 6
- HLB 8

HLB 11, 16 and 21



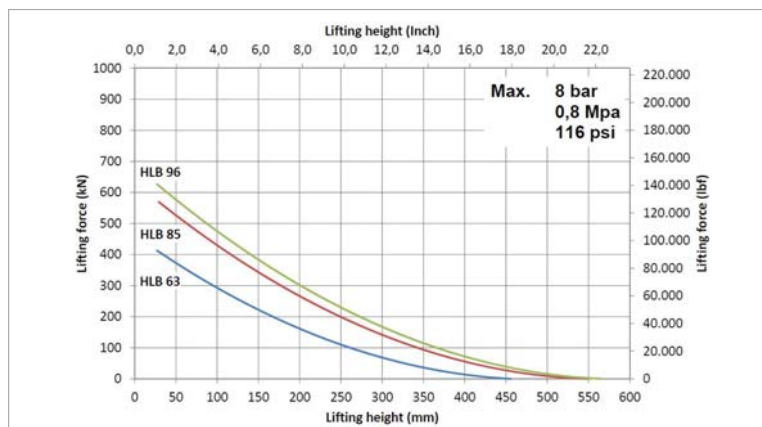
- HLB 11
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HLB 31, 38 and 53



- HLB 31
- HLB 38
- HLB 53

HLB 63, 85 and 96



- HLB 63
- HLB 85
- HLB 96