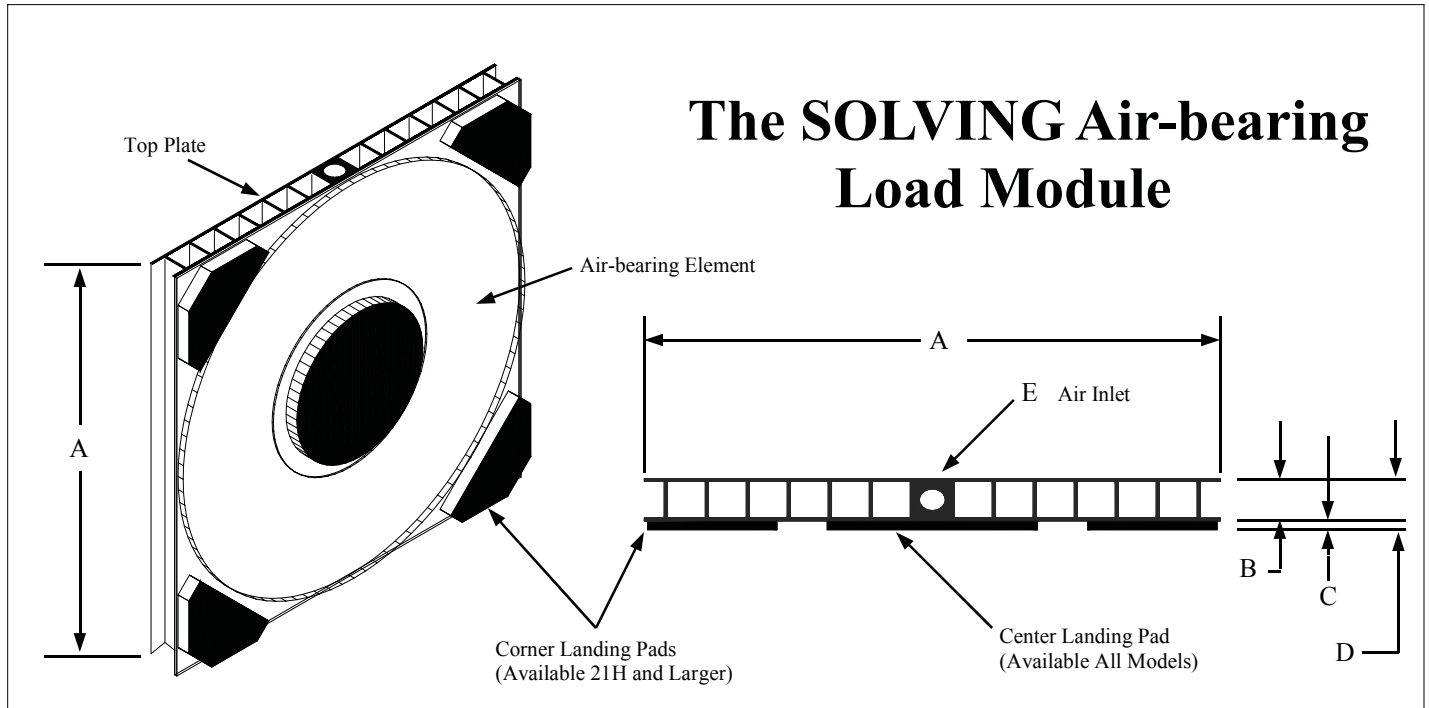


The SOLVING Air-bearing Load Module



Technical Data

Load module type	Air Bearing Element Type	Capacity (lbs)	Air Pressure (psi) [1]	Air consumption (SCFM) [2]	Lifting Height (in) [3]	Lift Area (sq. in)	Support Area (sq. in) [4]	A (in)	B (in) [5]	C (in)	D (in) [5]	E (in) [5]
ML 8L	ME 8L-0.3-LP	500	13	8-24	3/8	38	5	8	0.83 / 1.6	0.39	1.22 / 2.00	0.25 / 0.75
ML 12L	ME 12L-0.5-LP	1,200	14	10-34	3/4	85	14	12	0.83 / 1.6	0.39	1.22 / 2.00	0.25 / 0.75
ML 8S	SE 8S-0.8-LP	1,650	43	11-32	3/8	38	5	8	0.83 / 1.6	0.39	1.22 / 2.00	0.25 / 0.75
ML 12S	SE 12S-1.8-LP	3,850	43	15-52	3/4	85	14	12	0.83 / 1.6	0.39	1.22 / 2.00	0.25 / 0.75
ML 15S	SE 15S-2.5-LP	5,500	43	15-61	7/8	133	20	15	0.83 / 1.6	0.39	1.22 / 2.00	0.25 / 0.75
ML 21S	ME 21S-3.5-LP	8,500	32	15-91	1	262	40	21	1.6	0.67	2.28	0.75
ML 27S	ME 27S-6.0-LP	14,000	32	15-122	1-1/4	433	155	27	1.6	0.94	2.56	0.75
ML 36S	ME 36S-11-LP	25,000	32	24-152	2	770	294	36	1.6	1.18	2.80	0.75
ML 48S	ME 48S-20-LP	45,000	32	30-182	3	1369	558	48	1.6	1.18	2.80	0.75
ML 60S	ME 60S-30-LP	70,000	32	46-228	3	2409	1042	60	1.6	1.22	2.83	0.75
ML 15H	ME 15H-3.5-LP	8,000	58	25-102	7/8	133	20	15	1.6	0.39	2.00	0.75
ML 21H	ME 21H-7.0-LP	17,000	63	27-163	1	262	93	21	1.6	0.67	2.28	0.75
ML 27H	ME 27H-12-LP	28,000	65	27-217	1-1/4	433	155	27	1.6	0.94	2.56	0.75
ML 36H	ME 36H-20-LP	50,000	63	43-271	2	770	294	36	1.6	1.18	2.80	0.75
ML 42H	ME 42H-30-LP	66,000	57	42-270	2-1/2	1200	409	42	1.6	1.18	2.80	0.75
ML 48H	ME 48H-40-LP	90,000	64	54-325	3 or 2	1369	558	48	1.6	1.18	2.80	0.75
ML 60H	ME 60H-60-LP	140,000	64	81-407	3	2409	1042	60	1.6	1.22	2.83	0.75

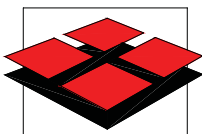
- 1) Air pressure in air bearing element at capacity
- 2) Actual air consumption depends on the effective load and the floor quality
- 3) Nominal lifting height ± 0.2 inches at max load
- 4) Support area with deflated air bearing module
- 5) Cast aluminum load module / Extruded aluminum load module

Accessories

Control unit
Air supply system

Options

High-lift air bearings
Polyurethane air bearings for extended life
Corrosion proof air bearings for offshore market
Perforated air bearings for theaters and multipurpose halls



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