



THE LIFTING EXPERTS

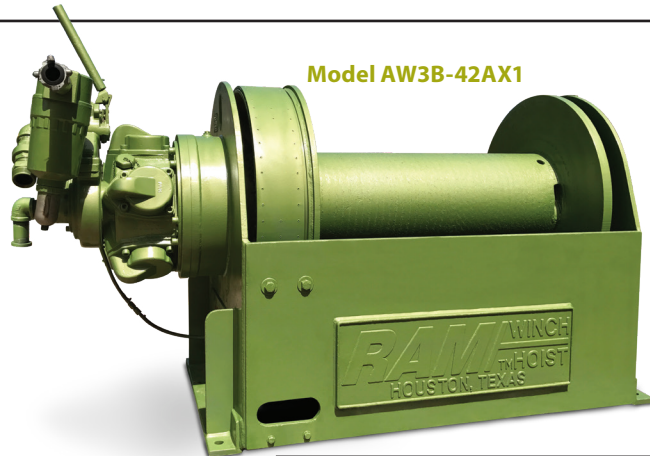
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Air Winches | 20,000 Lbs. | AW3 Model

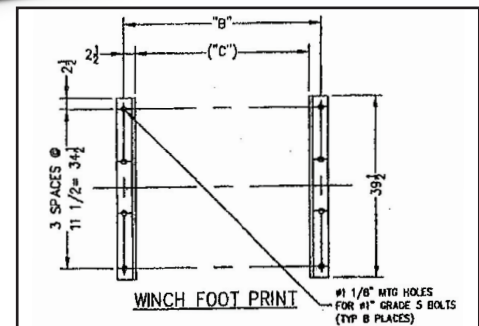
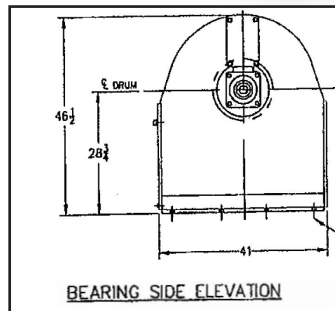
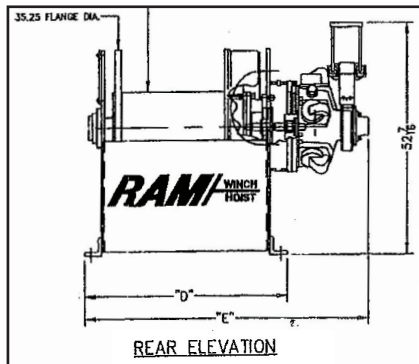
Dimensions

Model	Drum Width	B (in.)	C (in.)	D (in.)	E (in.)	Flange Dia. (in.)	Drum Dia. (in.)
AW3B-12AX1	12"	32	27	35	53.78	35.25	16
AW3B-42AX1	42"	62	57	65	83.78	35.25	16

Note: Dimensions are subject to change. Please contact factory for certified prints.
Green shading reflects rental inventory.



Model AW3B-42AX1



Model AW3B-12AX1 (12" Drum Length) 7/8" Wire Rope Dia. @ 90 PSIG – Specifications

Layer No.	Capacity (ft.)	Accumulated Capacity (ft.)	Pitch Dia (in.)	Max Hp		Flange Clearance (in.)	Stall Line Pull (lbs.)	Start Line Pull (lbs.)	FPM AT F.S.
				Line pull (lbs.)	Speed (fpm)				
1	56	56	16.9	36,899	30.4	8.4	56,320	44,039	72
2	61	117	18.4	33,856	33.1	7.7	51,676	40,408	78
3	66	184	19.9	31,277	35.8	6.9	47,739	37,330	85
4	71	255	21.4	29,063	38.6	6.2	44,360	34,687	91
5	76	331	22.9	27,142	41.3	5.4	41,428	32,394	98
6	81	413	24.5	25,459	44	4.6	38,859	30,385	104
7	86	499	26	23,972	46.8	3.9	36,590	28,611	111
8	91	591	27.5	22,650	49.5	3.1	34,572	27,033	117
9	97	687	29	21,466	52.2	2.4	32,764	25,620	124
10	102	789	30.5	20,399	55	1.6	31,136	24,347	130
11	107	895	32	19,434	57.7	0.9	29,662	23,194	137

Model AW3B-42AX1 (42" Drum Length) 7/8" Wire Rope Dia. @ 90 PSIG – Specifications

Layer No.	Capacity (ft.)	Accumulated Capacity (ft.)	Pitch Dia (in.)	Max Hp		Flange Clearance (in.)	Stall Line Pull (lbs.)	Start Line Pull (lbs.)	FPM AT F.S.
				Line pull (lbs.)	Speed (fpm)				
1	208	208	16.9	36,899	30.4	8.4	56,320	44,039	72
2	226	434	18.4	33,856	33.1	7.7	51,676	40,408	78
3	245	679	19.9	31,277	35.8	6.9	47,739	37,330	85
4	264	942	21.4	29,063	38.6	6.2	44,360	34,687	91
5	282	1,225	22.9	27,142	41.3	5.4	41,428	32,394	98
6	301	1,526	24.5	25,459	44	4.6	38,859	30,385	104
7	320	1,845	26	23,972	46.8	3.9	36,590	28,611	111
8	338	2,183	27.5	22,650	49.5	3.1	34,572	27,033	117
9	357	2,540	29	21,466	52.2	2.4	32,764	25,620	124
10	376	2,916	30.5	20,399	55	1.6	31,136	24,347	130
11	394	3,310	32	19,434	57.7	0.9	29,662	23,194	137

Note: 7/8" wire rope should be used for pulling applications only; 1" wire rope should be used for overhead lifting.

ANSI B30.7 which requires a 1/2 inch flange clearance. Layer numbers 1 – 9 meet European standards requiring 2 1/2" diameters of flange clearance.

Green shading reflects rental inventory.



spec sheet 096

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