

MODEL "DSA" - SCRAP HANDLING MAGNET

Winkle Industries "DSA" and "EDSA" Series magnets are designed to provide optimum performance at a cost effective price. These aluminum wound lifting magnets feature deep field or extra-deep field designs that are manufactured to withstand the high demands of today's scrap recycling industry. State-of-the-art technologies are utilized in each design to achieve durability, exceptional duty cycles, superior lift-to-weight ratios and extended service life. Scrap processors worldwide continue to utilize these lifting magnets for maximum saturation of material densities and peak performance.

STANDARD FEATURES:

- Aluminum Wound Coil
- Available in Deep Field or Extra-Deep Field Designs
- Heavy-Duty Cast Case or Fabricated Case Designs
- 75% Continuous Duty Cycle
- Class H Insulation
- Hard Faced Pole Shoe Surfaces
- High Lift-to-Weight Ratio
- Durable Alloy Steel Chain
- Heavy-Duty Manganese Bottom Plate
- 230 VDC Operation



OPTIONAL FEATURES:

- Special Voltages Available
- Customer Specified Requirements

ALUMINUM WOUND COIL MAGNET SPECIFICATIONS

Model No.	Size (dia.)	Magnet Weight		Current (Amps Cold)	Power Requirement	Minimum Cable Size	LIFT DATA* LBS. (KG.)		
		(lbs.)	(kg.)				#1 H.M. & Pig Iron	#2 H.M.	Steel Turnings
48 DSA	48"	3,100	1,406	42	9.7 kW	#8	2,050 (930)	1,050 (477)	550 (250)
48 EDSA	48"	3,300	1,496	43	9.9 kW	#8	2,200 (998)	1,350 (612)	660 (300)
58 DSA	58"	4,300	1,950	62	14.3 kW	#6	3,100 (1,406)	1,950 (886)	975 (442)
58 EDSA	58"	4,700	2,131	64	14.8 kW	#6	3,390 (1,538)	2,030 (923)	1,050 (476)
68 DSA	68"	6,400	2,902	84	19.3 kW	#4	4,420 (2,005)	3,040 (1,382)	1,410 (640)
68 EDSA	68"	7,300	3,311	87	20 kW	#4	4,750 (2,155)	3,230 (1,468)	1,500 (680)
72 DSA	72"	8,300	3,765	102	23.5 kW	#4	5,300 (2,409)	3,950 (1,795)	1,720 (782)
72 EDSA	72"	9,000	4,082	107	24.6 kW	#4	5,690 (2,586)	4,160 (1,891)	1,800 (818)
78 DSA	78"	9,600	4,354	128	29.5 kW	#2	6,620 (3,009)	4,620 (2,100)	2,060 (936)
78 EDSA	78"	10,900	4,944	135	31 kW	#2	6,875 (3,125)	4,880 (2,218)	2,180 (991)
88 DSA	88"	13,500	6,123	160	36.8 kW	#2	8,660 (3,936)	5,640 (2,564)	2,800 (1,273)
88 EDSA	88"	14,800	6,713	166	38.2 kW	#2	9,260 (4,209)	6,050 (2,750)	2,980 (1,355)
93 DSA	93"	15,700	7,121	170	39.1 kW	#2	10,120 (4,600)	6,630 (3,014)	3,320 (1,509)
93 EDSA	93"	17,600	7,983	174	40 kW	#2	11,000 (5,000)	7,400 (3,364)	3,590 (1,632)

* Lift data is based on optimum conditions. Variables in materials, operations and lifting equipment may affect performance.

D = Deep Field ED = Extra-Deep Field S = Scrap Handling A = Aluminum Coil

Engineered for end-to-end productivity

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