

HPV 900

S E R I E S T W O



AC Elevator Drive

Magnetek's HPV 900 Series 2 elevator drive continues the tradition of high performance, high overload capacity and long-life reliability. It is designed for both new installations and modernization projects, and provides advanced closed-loop vector control for superior performance. The HPV 900 Series 2 offers the fastest, easiest set-up adjustment; fewest callbacks; and the lowest total lifetime cost. This cost-effective AC drive gives you accurate acceleration and deceleration resulting in smooth ride quality. Magnetek's proven technical expertise plus our superior customer service has placed us as the world's leading source of innovative, built-to-last elevator drives.



MAGNETEK
E L E V A T O R

DESIGNED AND RATED FOR ELEVATOR APPLICATIONS

- No oversizing needed
- Designed with high overload capacity (250%)
- An internal dynamic braking IGBT
- Cooling fans run only when drive is in operation

ELEVATOR APPLICATION SOFTWARE AND PARAMETERS

- Offering the ultimate performance features
- Unique elevator speed regulator
- Parameters are in elevator industry terminology

EASY SET-UP

- No need for mechanical disconnect to tune critical motor parameters
- Parameter upload/download software
- Drive calculates elevator system inertia
- Configurable I/O channels
- Easy parameter changes via digital operator

HPV 900 SERIES 2 AC ELEVATOR DRIVE PRODUCT DATA

Rated Input Voltage	Rated (HP)	Rated (kW)	Continuous Output Current General Purpose Rating	Continuous Output Current Elevator Duty Cycle Rating	Maximum Output Current for 5 sec	Height	Width	Depth
200-240 VAC	7.5	5.6	25	26.8	62.5	12.6in (320mm)	9.05in (230mm)	8.27in (210mm)
	10	7.5	31	33.2	77.5			
	15	11.2	41	43.9	102.5	21.1in (536mm)	8.82in (224mm)	12.24in (311mm)
	20	14.9	52	55.6	130			
	25	18.7	75	80.3	187.5			
	30	22.4	88	94.2	220			
40	29.8	98	104.9	245	27.8in (693mm)	12.8in (325mm)	13.23in (336mm)	
380-480 VAC	5	3.7	8	8.6	20	11.02in (280mm)	7.28in (185mm)	7.36in (187mm)
	7.5	5.6	12	12.8	30	12.6in (320mm)	9.05in (230mm)	8.27in (210mm)
	10	7.5	16	17.1	40			
	15	11.2	21	22.5	52.5	15.6in (396mm)	10.4in (265mm)	9in (227mm)
	20	14.9	27	28.9	67.5			
	25	18.7	34	36.4	85	21.1in (536mm)	8.82in (224mm)	12.24in (311mm)
	30	22.4	41	43.9	102.5			
	40	29.8	52	55.6	130			
	50	37.3	65	69.6	162.5	27.28in (693mm)	12.8in (325mm)	13.23in (336mm)
	60	44.8	72	77.0	180			
	75	56.0	96	102.7	240			

- All ratings at 50/60 Hz and 10 kHz carrier frequency
- All models include internal dynamic braking IGBT
- Operating temperature: -10°C (14°F) to 45°C (113°F)
- Standards: CSA and CE