



MAGNETEK  
ELEVATOR

# HPV<sup>®</sup> 900 PM



## HPV 900 PM ELEVATOR DRIVE

Magnetek's HPV 900 PM elevator drive is the HPV 900, but now controls permanent magnet motors. The HPV 900 PM has the same high performance and long-life reliability as the 900, continuing to make Magnetek the preferred choice in elevator drive technology.

### PM GEARLESS TECHNOLOGY

#### ABSOLUTE ENCODER FEEDBACK OPTION CARD

- Heidenhain EnDat
  - With incremental signals - 2048 line counts (ppr)
  - Preferred electrical connection: flange socket
  - Models: ECN113 and ECN1313

#### OVERLOAD

- 200% with no derate for motor frequencies 16 Hz and above
- Rating increase up to 20% for motor frequencies above 16 hz

#### ABSOLUTE ENCODER FEEDBACK OPTION CARD

- Offering same superior performance features as HPV 900
- Unique Elevator Speed Regulator, Magnetek's patented system giving unrivalled ride quality

## HPV® 900 PM ELEVATOR DRIVE PRODUCT DATA

Rated Input Voltage	Rated (HP)	Rated (kW)	Continuous Output Current Rating (A) <sup>(1)</sup>	Maximum Output Current for 5 sec <sup>(1)</sup>	Height	Width	Depth	Weight	
380V to 480V	5	3.7	8	16	17in (430mm)	11in (280mm)	11in (280mm)	48 lbs (22 kg)	
	10	7.5	16	32					
	15	11	21	42					
	380V to 480V	20	15	27	54	24in (610mm)	15in (380mm)	11in (280mm)	78 lbs (35 kg)
		25	18	34	64				
		30	22	41	82				
		40	30	52	104				
		50	37	65	130				
	380V to 480V	60	45	77	154	29in (740mm)	19in (480mm)	12in (310mm)	139 lbs (63 kg)
75		55	96	192					
200V to 240V	7.5	5.5	25	50	17in (430mm)	11in (280mm)	11in (280mm)	48 lbs (22 kg)	
	10	7.5	27	54	24in (610mm)	15in (380mm)	11in (280mm)	78 lbs (35 kg)	
	15	11	41	82					
	20	15	52	104					
	200V to 240V	25	18	75	150	27in (690mm)	15in (380mm)	11in (280mm)	82 lbs (37 kg)
		30	22	88	176				
	200V to 240V	40	30	104	208	29in (740mm)	19in (480mm)	12in (310mm)	139 lbs (63kg)

- All ratings at 50/60 Hz and 10 kHz carrier frequency.
- Dimensions and weights reflect the basic open frame model, with a NEMA-1 cover.
- All models include internal dynamic brake IGBT rated for 100% duty.
- Operating temperature: -10°C (14°F) to 55°C (130°F)
- Standards: CSA

### (1) Drive Ratings

- Ratings are for a motor frequency of 16 Hz
- Ratings linearly increase for frequencies between 17 and 45 Hz
- Ratings increases 20% at motor frequencies above 46%
- Below 16 Hz derate 1% for each 1 Hz

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