

Standard Products – 50Hz Horizontal Open Fixed Speed



50Hz 400V Three Phase Horizontal Open Fixed Speed models HV04(PAUS) to HV18(PEAS). 7/8 bar

Performance Data	HV04(PUAS)	HV11(PEAS)	HV15(PEAS)	HV18(PEAS)
Free Air Delivery* @ 7 bar	11.4 l/s (24.0 cfm)	n/a		
Free Air Delivery* @ 8 bar	n/a	27.2 l/s (57.6 cfm)	36.8 l/s (78.0 cfm)	48.0 l/s (101.7 cfm)

Compressor Details	HV04(PUAS)	HV11(PEAS)	HV15(PEAS)	HV18(PEAS)
Noise level	72.0 dB(A)	75.0 dB(A)	76.0 dB(A)	77.0 dB(A)
Nominal power	4.0 kW	11.0 kW	15.0 kW	18.5 kW
Operating Controls	Automatic stop/start	Continuous Run, Automatic Stop/Start, Reduced Energy Venting System		
Rotation Speed (Direct Drive)	1450 rpm			
Ambient Temperature Range	0 - 40 °C	0 - 40 °C		
Air Discharge Temperature (above ambient)	< 10 °C	< 8 °C		< 10 °C

Electrical Data	HV04(PUAS)	HV11(PEAS)	HV15(PEAS)	HV18(PEAS)
Starter	Direct online	Star Delta		

Electrical supply	3ph/400V/50Hz			
Suggested Incoming Supply Cable	1.5 mm ²	4.0 mm ²	6.0 mm ²	10.0 mm ²
110% Full Load Current	10.7 A	26.4 A	35.2 A	44.0 A

Motor and Fan Data	HV04(PUAS)	HV11(PEAS)	HV15(PEAS)	HV18(PEAS)
IE2 motor efficiency @ 100% duty	86.6%	89.8%	90.6%	91.2%
Drive efficiency	n/a			

Capacities and dimensions	HV04(PUAS)	HV11(PEAS)	HV15(PEAS)	HV18(PEAS)
Oil Capacity	1.8 litres	8.5 litres		9.0 litres
Approved compressor oil	Fluid Force Red 2000 (mineral). Option HPO (Synthetic)			
Air quality	< 3 ppm			
Air outlet size	1/2" BSP female	3/4" BSP female		1" BSP female
Overall Length	766 mm	1717 mm		1890 mm
Overall Depth	358 mm	741 mm		792 mm
Overall Height	530 mm	830 mm		906 mm
Overall Weight	100 kg	331 kg	341 kg	424 kg

Data assumes Hydrovane recommended service intervals, oils and spare parts are used. *FAD according to BS ISO1217:2009-Annex B, C and E

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