

Standard Products – 50Hz Vertical Enclosed Fixed Speed



50Hz models HV30 (ACE) to HV45 (ACE), 8 & 10 bar

Performance Data	HV30	HV37	HV45
Free Air Delivery* 8 bar machine	5.00 m ³ /min	5.95 m ³ /min	7.33 m ³ /min
Free Air Delivery* 10 bar machine	4.31 m ³ /min	5.07 m ³ /min	6.54 m ³ /min

Compressor Details	HV30	HV37	HV45
Noise level	73.0 dB(A)		
Nominal power	30.0 kW	37.0 kW	45.0 kW
Operating Controls	Continuous or automatic stop start with Reduced Energy Venting System (REVS)		
Rotation Speed (Direct Drive)	1450 rpm		
Ambient Temperature Range	0 - 45 °C		
Air Discharge Temperature (above ambient)	< 10 °C		

Electrical Data	HV30	HV37	HV45
Starter	Star Delta		

Electrical supply	3ph/400V/50Hz		
Suggested Incoming Supply Cable	16 mm ²	25 mm ²	35 mm ²
110% Full Line Current	58.0 A	75.0 A	90.0 A

Motor and Fan Data	HV30	HV37	HV45
IE2 motor efficiency @ 100% duty	92.3%	92.7%	93.1%
Motor Service Factor	1.1		
Cabinet cooling fan motor rating	0.84 kW	2.50 kW	

Capacities and dimensions	HV30	HV37	HV45
Oil Capacity	23.0 litre		
Approved compressor oil	Fluid Force Red 2000, Food Grade & High Performance Oil		
Air quality	< 3 ppm		
Air outlet size	1½" BSP		
Overall Depth	1130 mm		
Overall Width	900 mm		
Overall Height	1640 mm		
Overall Weight	920 kg	975 kg	1006 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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