

Standard Products – 50Hz Horizontal Open Fixed Speed



50Hz 240V Single Phase Horizontal Open Fixed Speed models HV01 and HV02 PUTS/PURS. 10 bar

Performance Data	HV01(PUTS)	HV02(PUTS)	HV01(PURS)	HV02(PURS)
Free Air Delivery* @ 10 bar	2.0 l/s (4.2 cfm)	3.8 l/s (8.1 cfm)	2.0 l/s (4.2 cfm)	3.8 l/s (8.1 cfm)
Receiver capacity	n/a		75 litres	

Compressor Details	HV01(PUTS)	HV02(PUTS)	HV01(PURS)	HV02(PURS)
Noise level	62.0 dB(A)	69.0 dB(A)	62.0 dB(A)	69.0 dB(A)
Nominal power	1.1 kW	2.2 kW	1.1 kW	2.2 kW
Operating Controls	Continuous run		Automatic stop/start	
Rotation Speed (Direct Drive)	1450 rpm	2900 rpm	1450 rpm	2900 rpm
Ambient Temperature Range	0 - 40 °C			
Air Discharge Temperature (above ambient)	50 °C			

Electrical Data	HV01(PUTS)	HV02(PUTS)	HV01(PURS)	HV02(PURS)
Starter	Direct On Line			
Electrical supply	1ph/240V/50Hz			
Suggested Incoming Supply Cable	2.5 mm ²	4.0 mm ²	2.5 mm ²	4.0 mm ²
110% Full Load Current	10.0 A	20.0 A	10.0 A	20.0 A

Motor and Fan Data	HV01(PUTS)	HV02(PUTS)	HV01(PURS)	HV02(PURS)
IE2 motor efficiency @ 100% duty	81.4%	83.2%	81.4%	83.2%
Drive efficiency	n/a			
Oil and air cooling fan kW	n/a			

Capacities and dimensions	HV01(PUTS)	HV02(PUTS)	HV01(PURS)	HV02(PURS)
Oil Capacity	1.0 litre			
Approved compressor oil	Fluid Force Red 2000 (mineral). Option HPO (Synthetic)			
Air quality	< 3 ppm			
Air outlet size	3/8" BSP female			
Overall Length	700 mm		1120 mm	
Overall Depth	270 mm		300 mm	
Overall Height	470 mm		730 mm	
Overall Weight	41 kg		77 kg	

Specification data assumes Hydrovane recommended service intervals, oils and spare parts are used

Issue1

*Free Air Delivery (FAD) according to BS ISO1217:2009-Annex B, C and E