

## Standard Products – 50Hz Horizontal Open Fixed Speed



50Hz 400V Three Phase Horizontal Open Fixed Speed models HV22 PEAS to HV45 PEAS, 10 bar

Performance Data	HV22(PEAS)	HV30(PEAS)	HV37(PEAS)	HV45(PEAS)
Free Air Delivery* @ 10 bar	49.3 l/s (104.3 cfm)	71.8 l/s (152.2 cfm)	84.5 l/s (179.0 cfm)	109.0 l/s (231.0 cfm)
Compressor Details	HV22(PEAS)	HV30(PEAS)	HV37(PEAS)	HV45(PEAS)
Noise level	78.0 dB(A)	82.0 dB(A)	84.0 dB(A)	85.0 dB(A)
Nominal power	22.0 kW	30.0 kW	37.0 kW	45.0 kW
Operating Controls	Continuous Run, Automatic Stop/Start, Reduced Energy Venting System			
Rotation Speed (Direct Drive)	1450 rpm			
Ambient Temperature Range	0 - 40 °C			
Air Discharge Temperature (above ambient)	< 10 °C			
Electrical Data	HV22(PEAS)	HV30(PEAS)	HV37(PEAS)	HV45(PEAS)
Starter	Star Delta			
Electrical supply	3ph-400V/50Hz			
Suggested Incoming Supply Cable	10.0 mm²	16.0 mm²	50.0 mm²	50.0 mm²
110% Full Load Current	91.7 A	73.7 A	88.8 A	104.5 A
Motor and Fan Data	HV22(PEAS)	HV30(PEAS)	HV37(PEAS)	HV45(PEAS)
IE2 motor efficiency @ 100% duty	91.6%	92.3%	92.2%	93.1%
Drive efficiency	n/a			
Capacities and dimensions	HV22(PEAS)	HV30(PEAS)	HV37(PEAS)	HV45(PEAS)
Oil Capacity	9.0 litres	23.0 litres		
Approved compressor oil	Fluid Force Red 2000 (mineral), Option HPO (Synthetic)			
Air quality	< 3 ppm			
Air outlet size	1" BSP female		1 1/2" BSP female	
Overall Length	1090 mm	812 mm	1365 mm	892 mm
Overall Depth	792 mm		1106 mm	
Overall Height	906 mm	860 mm	1106 mm	
Overall Weight	439 kg	606 kg	713 kg	734 kg

\*Data assumes Hydrovane recommended service intervals, oils and spare parts are used. \*FAD according to ISO 55012:17 2008 Annex B, C and E.

Issue 4

# Hydrovane Hv45 Manual

**LL Leslie**



## **Hydrovane Hv45 Manual:**

## Reviewing **Hydrovane Hv45 Manual**: Unlocking the Spellbinding Force of Linguistics

In a fast-paced world fueled by information and interconnectivity, the spellbinding force of linguistics has acquired newfound prominence. Its capacity to evoke emotions, stimulate contemplation, and stimulate metamorphosis is really astonishing. Within the pages of "**Hydrovane Hv45 Manual**," an enthralling opus penned by a highly acclaimed wordsmith, readers attempt an immersive expedition to unravel the intricate significance of language and its indelible imprint on our lives. Throughout this assessment, we shall delve into the book's central motifs, appraise its distinctive narrative style, and gauge its overarching influence on the minds of its readers.

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### **Hydrovane Hv45 Manual Introduction**

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