

# CP Series – Built Tough

## Rugged Belt-Driven Single stage Oil Sealed, Rotary Piston Vacuum Pumps

HHV Pumps CP Series pumps are built to work under strenuous working conditions with consistent vacuum performance. CP Series pumps are long lasting in the field which makes them a work horse. These pumps are designed for rough and medium vacuum applications. CP Series pumps are maintenance free and reliable in operation ensuring Lowest Cost of Ownership

### FEATURES

- Robust and compact
- Water cooled for continuous operation
- Built-in anti-suck back preventing oil back stream
- Built-in gas ballast feature for pumping condensable vapours
- Rugged in construction for reliable performance
- Proven operation in various applications
- Performance testing in accordance with Pneurop 6602

### APPLICATIONS

- Chemical industries
- Defence
- Research and Development
- Oil and Gas industries
- Pharma and Laboratories
- Electrical industries (Lamps and Tubes)
- Freeze Drying
- Power industries
- Coating and Deposition
- Vacuum impregnation
- Vacuum furnaces
- Metallurgical industries
- Backing pump for Roots, Turbo, Diffusion and Cryogenic Pumps



## TECHNICAL SPECIFICATIONS

Pump Model		CP250
Nominal pumping speed	m <sup>3</sup> /hr	250
	cfm	147
	L/min	4100
Ultimate pressure	Gas Ballast Closed - mbar (Torr)	1x10 <sup>-2</sup> (7.5x10 <sup>-3</sup> )
	Gas Ballast Open - mbar (Torr)	1x10 <sup>-1</sup> (7.5x10 <sup>-2</sup> )
Pump rotational speed at no-load	rpm	560
Maximum nominal power rating	kW	5.5
	HP	7.5
	Phase	3
	Power supply	410V ± 10%; 50Hz ± 5%
Weight	kg (lb)	720 (1584)
Oil capacity	Litres	12
Inlet connection	ISO	75
Outlet connection	Nozzle OD	56mm
Recommended oil		HHVP Molecular Distilled Oil Grade MD-505



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