

CD Series – Engineered for Endurance

Belt-Driven Two stage Oil Sealed, Rotary Vane Vacuum Pumps built for stable operation

HHV Pumps CD Series pumps are built tough to handle various applications in any given conditions. The field proven pumps provide excellent performance with consistent vacuum. These pumps are designed for rough and medium vacuum applications. CD 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
- Performance testing in accordance with Pneurop 6602

APPLICATIONS

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



TECHNICAL SPECIFICATIONS

Pump Model		CD90	CD120
Nominal pumping speed	m ³ /hr	90	120
	cfm	53	70
	L/min	1500	2000
Ultimate pressure	Gas Ballast Closed - mbar (Torr)	1x10 ⁻³ (7.5x10 ⁻⁴)	
	Gas Ballast Open - mbar (Torr)	1x10 ⁻² (7.5x10 ⁻⁴)	
Pump rotational speed at no-load	rpm	490	
Maximum nominal power rating	kW	3.75	5.5
	HP	5	7.5
	Phase	3	
	Power supply	410V ± 10%; 50Hz ± 5%	
Weight	kg (lb)	440 (968)	450 (990)
Oil capacity	Litres	6	
Inlet connection	ISO-KF	KF-40	
Outlet connection	Nozzle OD	25mm	
Recommended oil		HHVP Molecular Distilled Oil Grade MD-504	



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