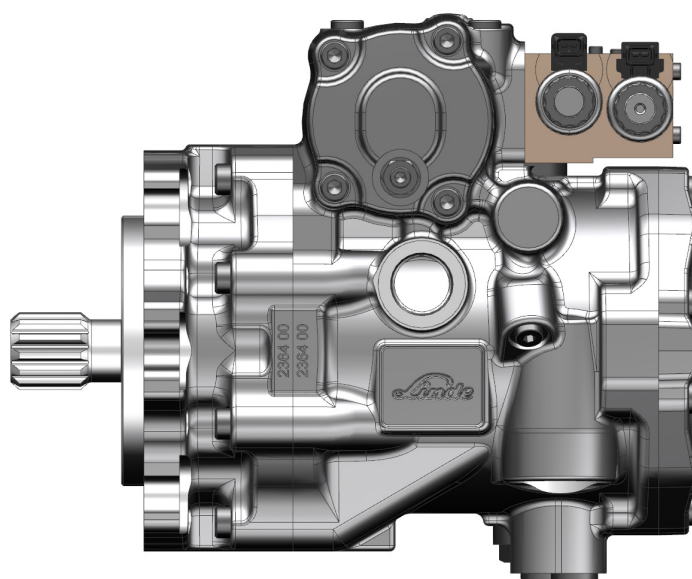
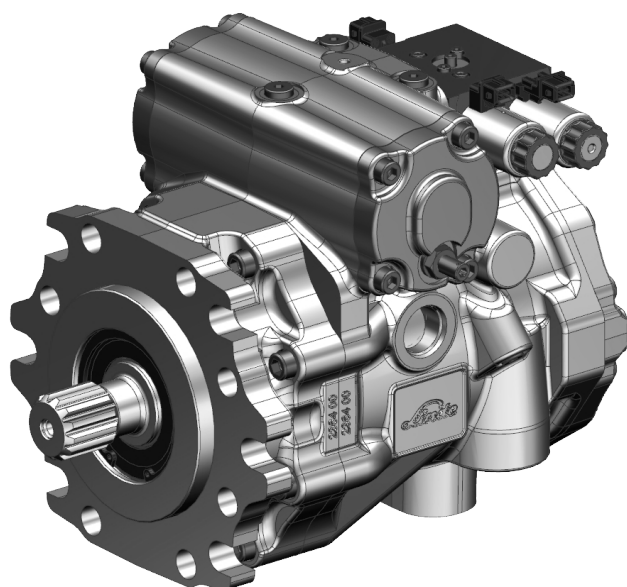


CPV

Variable displacement pump for closed circuit operation

Linde Hydraulics

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Design Characteristics

- >> Modularity (e.g. controller, peripheral parts, etc.)
- >> High integration
- >> Maintenance and repair friendliness
- >> Controller with and without position feedback
- >> Interfaces meet common understanding of global market standards (mechanical, hydraulic, electric)

Advantages

- >> Highly flexible compilation of individual configurations
- >> Extremely compact pump
- >> Cost-effective repair and conversions
- >> Suitability for load dependent & independent applications
- >> Versatile applications

General technical data*

Nominal size		
Displacement	Max. Displacement	cc/rev
	Internal gear pump (standard size)	
Speed	Nom. speed at V_{gmax}	rpm
	Max. speed at V_{gmax}^3	
	Min. speed	
Pressure	Nominal pressure	Main pump
		IGP(standard)
	Maximum pressure ²	Main pump
		IGP (standard)
Power	Corner Power (at $\Delta p=430$ bar/ V_{gmax}/n_{nom})	kW

65	85	100	115	145	175
65	85	100	115	145	175
15	19	19	23	31	38
3900	3600	3450	3300	3100	2900
4100	3800	3650	3500	3300	3050
500					
450	450	420	450	450	450
			25		
500	500	470	500	500	500
			40		
182	219	230	272	322	364

¹ theoretical data of a single unit without efficiency effects

² highest transient pressure, that can temporarily occur

³ highest transient speed, that can temporarily occur

* These data correspond to the current development status and may deviate in the case of the series-ready product

CPV

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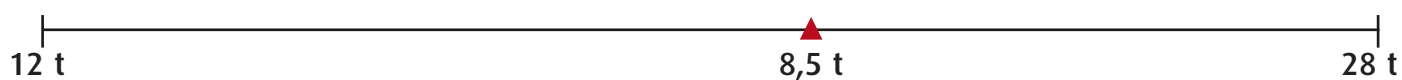
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Application example



Machine weight



Equipment

- A** 1x CPV 115
- B** 1x HMV 105-02 D
- C** 1x iCon CD 97-01