

LCV – Heavy Duty Vertical Pumps



Advantages:

- Long wear life
- High efficiency
- Multiple materials
- Ease of adjustment
- Low life cycle cost
- Mechanical reliability
- Large sphere passage

More information:

www.giwindustries.com

Choose the GIW® Minerals LCV for aggressive applications.

Wear Parts

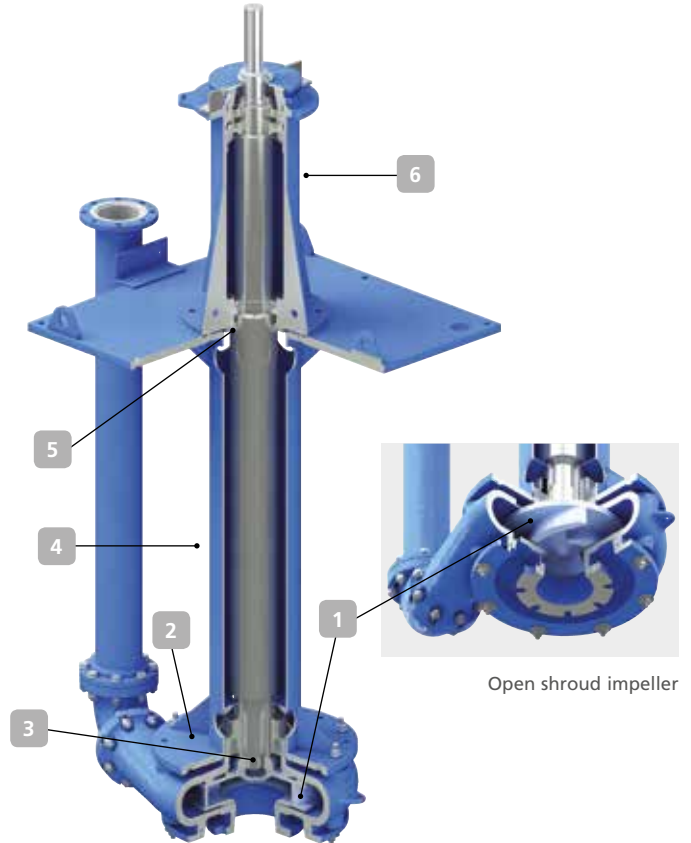
- 1 Open and closed shroud impeller designs for best efficiency and maximum sphere passage.
- 2 Wet end attachment designed for ease of installation and maintenance.
- 3 Seal plate or throttle bushing design eliminates packing.

Support Column

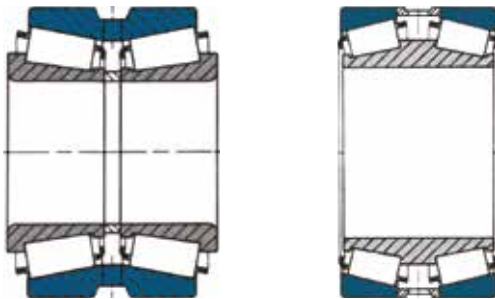
- 4 Rigid column with integral pit cover plate, motor mount, and concentric fits to align pump wet end with bearing assembly.

Mechanical End

- 5 Inpro isolators protect grease lubricated bearings.
- 6 Axial adjustment of the bearing housing allows setting correct impeller to suction gap.
- 7 Hinged motor mount with single adjuster for quick belt drive maintenance.



Open shroud impeller



TDO - back to back

Construction

Vertical cantilever, rugged hard metal sump pump with bottom suction and no submerged bearings. Includes replaceable wet end parts in metal alloys with durable mechanical end.

The rugged LCV pumps combine long wear life with high sustainable hydraulic efficiency for the lowest total cost of ownership. Wear components are available in a wide range of proprietary hard iron alloys. The V-Belt drive system accepts high horsepower motors and the structural parts are available in corrosion resistant alloys.

Size	Options			
	TDO	TDI	Simplified Endcover	Adjustable Endcover
LCV-50-230	–	■	□	–
LCV-80-300	–	■	□	–
LCV-100-400	–	■	□	–
LCV-150-500	■	–	–	□
LCV-200-610	■	–	–	□
LCV-250-660	■	–	–	□
LCV-300-710	■	–	–	□

Technical data

Discharge	50 to 300 mm (2" to 12")
Flow rates	2045 m ³ /h (8900 gpm)
Total head	38 m (125 ft)
Shaft sizes	90 mm to 200 mm
Cantilevers	900 mm to 2100 mm

Applications

Industrial Process
Dredge Pit Pump



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