

PLATA LVP series

Variable displacement axial piston pumps swash plate design. PLATA pumps are ideally suited for medium and high pressure open circuit applications.

Displacements from 28,49 cm³/rev ▪ 1.74 in³/rev to 87,90 cm³/rev ▪ 5.37 in³/rev.

Max. peak pressure up to 350 bar ▪ 5100 psi.

Max. speed up to 3000 min⁻¹.



Main characteristics

| PLATA LVP | Max displacement | | Max. continuous pressure | | Max. speed |
|---------------|----------------------|----------------------|--------------------------|--------|-------------------|
| | cm ³ /rev | in ³ /rev | bar | psi | min ⁻¹ |
| LVP 30 | 28,49 | ▪ 1.74 | 280 | ▪ 4050 | 3000 |
| LVP 48 | 45,47 | ▪ 2.77 | 280 | ▪ 4050 | 2600 |
| LVP 75 | 75,53 | ▪ 4.61 | 280 | ▪ 4050 | 2200 |
| LVP 90 | 87,90 | ▪ 5.37 | 250 | ▪ 3600 | 1850 |

Features

- ✦ Energy savings
- ✦ Low noise emission
- ✦ Short response time
- ✦ Drive shaft bearing suitable for radial and axial loads
- ✦ Multiple combinations

Controls

- ✦ Pressure compensator
- ✦ Flow and pressure compensator (Load-Sensing)
- ✦ Torque limiter
- ✦ Electrohydraulic servocontrols