

**PLATA SVP - DVP series**

Variable displacement axial piston pumps swash plate design for open circuit applications. SVP single flow, DVP dual flow on piston pump and an additional piggybacked gear pump. The automatic overall torque limiter allows to optimize the performance of the machine. SVP and DVP pumps have been designed specifically for mini excavators where compactness and ease of installation are critical.

Piston pump: displacements from 7,8 cm<sup>3</sup>/rev ▪ 0.48 in<sup>3</sup>/rev to 30 cm<sup>3</sup>/rev ▪ 1.83 in<sup>3</sup>/rev.

Gear pump: displacements from 4,95 cm<sup>3</sup>/rev ▪ 0.30 in<sup>3</sup>/rev to 21,14 cm<sup>3</sup>/rev ▪ 1.29 in<sup>3</sup>/rev.

Max. speed up to 2600 min<sup>-1</sup>.


**SVP and DVP features**

- ‡ Compact design
- ‡ Torque limiter
- ‡ Energy savings
- ‡ Low noise emission
- ‡ Long service life

**Main characteristics**

|                   | Max displacement     |                      | Max. continuous pressure |      | Max. speed<br>min <sup>-1</sup> |
|-------------------|----------------------|----------------------|--------------------------|------|---------------------------------|
|                   | cm <sup>3</sup> /rev | in <sup>3</sup> /rev | bar                      | psi  |                                 |
| <b>PLATA SVP</b>  | cm <sup>3</sup> /rev | in <sup>3</sup> /rev | bar                      | psi  | min <sup>-1</sup>               |
| <b>SVP 7,8</b>    | 15,60                | 0.95                 | 210                      | 3050 | 2600                            |
| <b>SVP 8</b>      | 16,00                | 0.98                 | 210                      | 3050 | 2600                            |
| <b>SVP 8,5</b>    | 17,00                | 1.04                 | 210                      | 3050 | 2600                            |
| <b>SVP 9</b>      | 18,00                | 1.10                 | 210                      | 3050 | 2600                            |
| <b>SVP 10</b>     | 20,00                | 1.22                 | 210                      | 3050 | 2600                            |
| <b>SVP 11</b>     | 22,00                | 1.34                 | 210                      | 3050 | 2600                            |
| <b>SVP 12,5</b>   | 25,00                | 1.53                 | 210                      | 3050 | 2600                            |
| <b>SVP 14</b>     | 28,00                | 1.71                 | 210                      | 3050 | 2600                            |
| <b>SVP 15</b>     | 30,00                | 1.83                 | 210                      | 3050 | 2600                            |
| <b>PLATA DVP</b>  | cm <sup>3</sup> /rev | in <sup>3</sup> /rev | bar                      | psi  | min <sup>-1</sup>               |
| <b>DVP 7,8</b>    | 7,80x2               | 0.48x2               | 210                      | 3050 | 2600                            |
| <b>DVP 8</b>      | 8,00x2               | 0.49x2               | 210                      | 3050 | 2600                            |
| <b>DVP 8,5</b>    | 8,50x2               | 0.52x2               | 210                      | 3050 | 2600                            |
| <b>DVP 9</b>      | 9,00x2               | 0.55x2               | 210                      | 3050 | 2600                            |
| <b>DVP 10</b>     | 10,00x2              | 0.61x2               | 210                      | 3050 | 2600                            |
| <b>DVP 11</b>     | 11,00x2              | 0.67x2               | 210                      | 3050 | 2600                            |
| <b>DVP 12,5</b>   | 12,50x2              | 0.76x2               | 210                      | 3050 | 2600                            |
| <b>DVP 14</b>     | 14,00x2              | 0.85x2               | 210                      | 3050 | 2600                            |
| <b>DVP 15</b>     | 15,00x2              | 0.91x2               | 210                      | 3050 | 2600                            |
| <b>Gear pump</b>  | cm <sup>3</sup> /rev | in <sup>3</sup> /rev | bar                      | psi  | min <sup>-1</sup>               |
| <b>KP 20•4</b>    | 4,95                 | 0.30                 | 285                      | 4150 | 2600                            |
| <b>KP 20•6,3</b>  | 6,61                 | 0.40                 | 285                      | 4150 | 2600                            |
| <b>KP 20•8</b>    | 8,26                 | 0.50                 | 285                      | 4150 | 2600                            |
| <b>KP 20•11,2</b> | 11,23                | 0.69                 | 275                      | 4000 | 2600                            |
| <b>KP 20•14</b>   | 14,53                | 0.89                 | 265                      | 3850 | 2600                            |
| <b>KP 20•16</b>   | 16,85                | 1.03                 | 260                      | 3750 | 2600                            |
| <b>KP 20•20</b>   | 21,14                | 1.29                 | 210                      | 3050 | 2600                            |