

### PLATA series

Fixed displacement axial piston pumps and motors swash plate design for open circuit applications. The design itself is extremely compact while integrating a number of functions, with an electrically controlled valve on the pump and antishock valves on the motor.

Unidirectional pumps LFP48: displacements from 27 cm<sup>3</sup>/rev ▪ 1.65 in<sup>3</sup>/rev to 48,2 cm<sup>3</sup>/rev ▪ 2.94 in<sup>3</sup>/rev.

Reversible motors LFM30: displacements from 22 cm<sup>3</sup>/rev ▪ 1.34 in<sup>3</sup>/rev to 30,2 cm<sup>3</sup>/rev ▪ 1.84 in<sup>3</sup>/rev.

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



### Main characteristics

	Displacement		Max. continuous pressure		Max. speed min <sup>-1</sup>
	cm <sup>3</sup> /rev	in <sup>3</sup> /rev	bar	psi	
<b>PLATA pumps</b>	cm <sup>3</sup> /rev	in <sup>3</sup> /rev	bar	psi	min <sup>-1</sup>
<b>LFP 48•27</b>	27,00	1.65	280	4050	2600
<b>LFP 48•34</b>	34,00	2.07	280	4050	2600
<b>LFP 48•36,7</b>	36,70	2.24	280	4050	2600
<b>LFP 48•45,5</b>	45,50	2.78	280	4050	2600
<b>LFP 48•48</b>	48,20	2.94	280	4050	2600
<b>PLATA motors</b>	cm <sup>3</sup> /rev	in <sup>3</sup> /rev	bar	psi	min <sup>-1</sup>
<b>LFM 30•22</b>	22,00	1.34	280	4050	4900
<b>LFM 30•26,5</b>	26,50	1.62	280	4050	4800
<b>LFM 30•28,5</b>	28,50	1.74	280	4050	4700
<b>LFM 30•30,2</b>	30,20	1.84	280	4050	4500

### Pumps features

- ✦ Three-position electrically controlled valve with relief valve
- ✦ Electronic control of the rotor start-up and stop ramps
- ✦ Rotation reverse with controlled delay
- ✦ Easy integration with the machine cabin controls
- ✦ Auxiliary gear pump with common suction, available with either cast-iron or aluminium body

### Motors features

- ✦ Reversible rotation with integral antishock valves
- ✦ European and SAE standard mounting flanges
- ✦ Side or rear inlet options
- ✦ Compact size