

Variable displacement axial piston pumps

MVP series

Variable displacement axial piston pumps swash plate design ideally suited for open circuit in mobile hydraulic applications. The compact design allows to be mounted directly on engine motors.

Displacements from 28 cm³/rev ▪ 1.74 in³/rev to 84,7 cm³/rev ▪ 5.17 in³/rev.

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

Max. speed up to 3500 min⁻¹.



Main characteristics

MVP	Max displacement		Max. continuous pressure		Max. speed
	cm ³ /rev	in ³ /rev	bar	psi	min ⁻¹
MVP 30.28	28,00	▪ 1.74	280	▪ 4050	3500
MVP 30.34	34,80	▪ 2.12	250	▪ 3600	2900
MVP 48.45	45,00	▪ 2.75	280	▪ 4050	3000
MVP 48.53	53,70	▪ 3.28	250	▪ 3600	2500
MVP 60.60	60,00	▪ 3.66	280	▪ 4050	3000
MVP 60.72	72,00	▪ 4.39	280	▪ 4050	2700
MVP 60.84	84,70	▪ 5.17	250	▪ 3600	2300

Features

- ✦ Exceptional working life expectancy
- ✦ Low noise emission
- ✦ Drive shaft bearing suitable for radial and axial loads
- ✦ Multiple combinations

Controls

- ✦ Min. and max. displacement limiter
- ✦ Pressure compensator
- ✦ Flow and pressure compensator (Load-Sensing)
- ✦ Torque limiter