

## Variable Displacement Axial Piston Pump Preferences for Open Loop Hydraulic Systems

### 2. AXIAL PISTON PUMPS

#### 2.1 MEDIUM PRESSURE SERIES

PPV100



Series	Geometric Displacement [cm <sup>3</sup> /rev]	Operating Pressure		Maximum Shaft Speed [min <sup>-1</sup> ]
		Rated [bar]	Peak [bar]	
PPV100-16	16.3	280	350	3600
PPV100-37	37.1			2700
PPV100-56	56.3			2500
PPV100-71	70.7			2300
PPV100-100	100.5			2100
PPV100-145	145.2			1800
PPV100-180	180.7			1800

#### 2.2 LIGHT HEAVY DUTY SERIES

PPV101



Series	Geometric Displacement [cm <sup>3</sup> /rev]	Operating Pressure		Maximum Shaft Speed [min <sup>-1</sup> ]
		Rated [bar]	Peak [bar]	
PPV101-45	45.0	320	350	2700
PPV101-80	80.0			2400
PPV101-112	112.0			2200
PPV101-140	140.0			2200
PPV101-200	200.0	350	400	1900

#### 2.3 HEAVY DUTY SERIES

PPV102



Series	Geometric Displacement [cm <sup>3</sup> /rev]	Operating Pressure		Maximum Shaft Speed [min <sup>-1</sup> ]
		Rated [bar]	Peak [bar]	
PPV102-63	63.0	350	400	1800
PPV102-112	112.0			1800
PPV102-180	180.0			1800
PPV102-280	280.0			1500
PPV102-360	2x 180.0			1800
PPV102-560	2x 280.0			1500



Series	Geometric Displacement [cm <sup>3</sup> /rev]	Operating Pressure		Maximum Shaft Speed [min <sup>-1</sup> ]		
		Rated [bar]	Peak [bar]			
PPV103-10	10.0	160	210	1800		
PPV103-16	15.8			1800		
PPV103-22	22.2		160	1800		
PPV103-37	36.9		210	1800		
PPV103-56	56.2			1800		
PPV103-70	70.0	250	250	1800		
PPV103-90	91.0			1800		
PPV103-145	145.0			250	250	1800
						1800