

Model	M25 PV	M35 PV	M44 PV	M46 PV	M25 PT	M35 PT	M44 PT	M46 PT
Pump Configuration	Single Variable Pump				Tandem Variable Pump			
Displacement cm ³ /rev (in ³ /rev)	24.6 (1.50)	35.0 (2.14)	43.5 (2.65)	46.0 (2.81)	24.6 x 2 (1.50 x 2)	35.0 x 2 (2.14 x 2)	43.5 x 2 (2.65 x 2)	46.0 x 2 (2.81 x 2)
Weight kg (lb)	19 (41.5)	25 (55)	25 (55)	33 (73)	25 (56)	45 (99)	45 (99)	59 (131)
Moment of Inertia of the internal rotating parts kgm ² (lbft ²)	0.0018 (0.043)	0.0031 (0.072)	0.0030 (0.071)	0.0050 (0.120)	0.0037 (0.088)	0.0061 (0.145)	0.0060 (0.140)	0.0100 (0.240)
Type of Mounting (SAE flange size per SAE J744)	SAE "B"	SAE "B"	SAE "B"	SAE "B"	SAE "B"	SAE "B"	SAE "B"	SAE "B"
Port Connections	Twin	Twin	Twin	Twin	Twin	Twin	Twin	Twin
Integral Charge Pump (std) cm ³ /rev (in ³ /rev)	-	11.8 (0.72)	11.8 (0.72)	13.9 (0.85)	-	16.4 (1.00)	16.4 (1.00)	22.9 (1.40)
Charge Relief Valve Setting (std) bar (psi)	14.0 (200)	14.0 (200)	14.0 (200)	19.5 (285)	14.0 (200)	14.0 (200)	14.0 (200)	19.5 (285)
System Pressure Regulation Available Settings: bar (psi)	140-345 (2030-5000)							
Displacement Limiters	-	-	-	Option	-	-	-	Option
Input Shaft Options	Splined, Tapered, or Straight Key							
Auxiliary Mounting Pad (SAE Pad per SAE J744)	SAE "A"	SAE "A" SAE "B"	SAE "A" SAE "B"	SAE "A" SAE "B"	SAE "A"	SAE "A" SAE "B"	SAE "A" SAE "B"	SAE "A" SAE "B"
Control Options	DDC	DDC	DDC	MDC, HDC, EDC, FNR	DDC	DDC	DDC	MDC, HDC, EDC, FNR
Filtration Configuration	Suction Filtration or Remote Charge Pressure Filtration							

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System Parameters

Speed Limits	min ⁻¹							
	M25 PV	M35 PV	M44 PV	M46 PV	M25 PT	M35 PT	M44 PT	M46 PT
Minimum speed	500	500	500	500	500	500	500	500
Rated speed at maximum displacement	4000	3600	3300	4000	4000	3600	3300	4000
Maximum speed at maximum displacement	5000	4500	4100	4100	5000	4500	4100	4100

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Case Pressure			
	MPa	bar	psi
Continuous pressure	0.17	1.7	25
Maximum pressure	0.52	5.2	75

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System Pressure Range			
	MPa	bar	psi
Rated pressure	21	210	3 000
Maximum pressure	34.5	345	5 000

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Theoretical Flow	l/min (US gal/min)							
	M25 PV	M35 PV	M44 PV	M46 PV	M25 PT	M35 PT	M44 PT	M46 PT
At rated speed	100 (26.0)	126 (33.4)	145 (37.9)	166 (43.6)	100 (26.0)	126 (33.4)	145 (37.9)	166 (43.6)

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