

Axial piston pumps, variable delivery, open loop



Peak Pressure	PSI [bar] Nominal pressure										Displacement in ³ /rev [cm ³ /rev]														gpm [lpm] rpm-1800rpm lpm-1500rpm	Frame Size	max rpm	Face mounting flange		Weight	Power Input at Continuous rated pressure					
	6500 [450]	6000 [420]	5000 [350]	4000 [275]	3750 [260]	3500 [240]	3000 [210]	2500 [175]	1500 [105]	Type	0.66 [11]	0.86 [14]	1.35 [22]	1.5 [25]	2.06 [34]	2.83 [48]	3.98 [65]	4.60 [75]	6.00 [100]	7.94 [130]	8.61 [140]	9.16 [150]	12.2 [200]	15.26 [250]				16.3 [267]	22.4 [367]		26.9 [440]	33.0 [540]	rpm	Type	lbs [kg]	hp [kw] hp-1800rpm kw-1500rpm
4250 [300]					3750					PVM-011																					4.3 [13]	A	3600	SAE "A" 2-Bolt	37.5 [17]	13 [8]
5800 [400]			5000							PVWJ-011																					4.3 [13]	A	3000	SAE "A" 2-Bolt	32.0 [15]	16 [10]
4250 [300]					3750					PVM-014																					5.9 [18]	A	3600	SAE "A" 2-Bolt	37.5 [17]	16 [10]
4500 [310]				275						PVWJ-014																					5.9 [18]	A	3000	SAE "A" 2-Bolt	32.0 [15]	18 [11]
4250 [300]					3750					PVM-022																					9.5 [30]	A	3600	SAE "A" 2-Bolt	37.5 [17]	26 [16]
3500 [240]								3000		PVWJ-022																					9.5 [30]	A	3000	SAE "A" 2-Bolt	32.0 [15]	20 [13]
5800 [400]			5000							PVWJ-025																					10.9 [35]	B	3000	SAE "B" 2-Bolt	68.0 [31]	36 [23]
4250 [300]					3750					PVM-025																					10.9 [35]	B	2700	SAE "B" 2/4-Bolt	73.0 [33]	29 [19]
4250 [300]					3750					PVM-034																					14.7 [46]	B	2700	SAE "B" 2/4-Bolt	73.0 [33]	38 [24]
4000 [275]						3500				PVWJ-034																					14.7 [46]	B	3000	SAE "B" 2-Bolt	68.0 [31]	35 [22]
4250 [300]					3750					PVM-046																					20.6 [65]	B	2400	SAE "B" 2/4-Bolt	73.0 [33]	52 [33]
3000 [210]								2500		PVWJ-046																					20.6 [65]	B	2400	SAE "B" 2-Bolt	68.0 [31]	35 [22]
5800 [400]			5000							PVG-048																					20.6 [65]	B	2700	SAE "B" 2/4-Bolt	68.0 [31]	73 [45]
4250 [300]					3750					PVM-065																					27.9 [88]	B	3000	SAE "B" 2/4-Bolt	75.0 [34]	71 [44]
4250 [300]					3750					PVM-064																					27.4 [86]	C	2450	SAE "C" 2/4-Bolt	136.0 [62]	70 [44]
5800 [400]			5000							PVWJ-064																					27.4 [86]	C	2400	SAE "C" 2-Bolt	103.0 [47]	95 [59]
5800 [400]			5000							PVG-065																					27.4 [86]	B	2700	SAE "B" 2/4-Bolt	68.0 [31]	100 [60]
4250 [300]					3750					PVM-075																					31.3 [99]	B	3000	SAE "B" 2/4-Bolt	75.0 [34]	84 [53]
4250 [300]					3750					PVM-076																					32.4 [106]	C	2450	SAE "C" 2/4-Bolt	136.0 [62]	86 [54]
4000 [275]						3500				PVWJ-076																					32.4 [106]	C	2400	SAE "C" 2-Bolt	103.0 [47]	80 [50]
4250 [300]										PVG-075																					32.4 [106]	B	2700	SAE "B" 2/4-Bolt	68.0 [31]	89 [55]
4250 [300]					3750					PVM-098																					43.3 [136]	C	2450	SAE "C" 2/4-Bolt	136.0 [62]	109 [68]
3000 [210]								2500		PVWJ-098																					43.3 [136]	C	2400	SAE "C" 2-Bolt	103.0 [47]	74 [46]
5800 [400]			5000							PVG-100																					43.3 [136]	C	2400	SAE "C" 2-Bolt	115.0 [52]	150 [91]
4250 [300]					3750					PVM-130																					58.2 [183]	C	2450	SAE "C" 2/4-Bolt	136.0 [62]	151 [94]
2000 [140]								1500		PVWJ-130																					58.2 [183]	C	1800	SAE "C" 2-Bolt	136.0 [62]	64 [50]
4250 [300]					3750					PVG-130																					58.2 [183]	C	2400	SAE "C" 2-Bolt	115.0 [52]	150 [91]
5800 [400]			5000							PVK-140																					63.0 [200]	D	1800	SAE "D" 4-Bolt	200.0 [91]	207 [129]
5800 [400]			5000							PVG-150																					63.0 [210]	D	2400	SAE "D" 4-Bolt	171.0 [78]	215 [132]
6500 [450]		6000								PVV-200																					86.0 [266]	E	1800	SAE "E" 4-Bolt	355.0 [161]	330 [208]
5800 [400]			5000							PVV-250																					109.0 [327]	E	1800	SAE "E" 4-Bolt	355.0 [161]	362 [225]
5800 [400]			5000							PVK-270																					120.0 [379]	F	1800	SAE "F" 4-Bolt	550.0 [250]	392 [244]
4500 [300]					3500					PVK-370																					162.1 [512]	F	1800	SAE "F" 4-Bolt	550.0 [250]	389 [242]
7250 [500]	6500									PVV-440																					125* [610]	-	1500	ISO 250 4-Bolt	735.0 [333]	587* [560]
5800 [400]			5000							PVV-540																					155* [749]	-	1200	ISO 250 4-Bolt	735.0 [333]	547* [522]

Note PVWH is replaced by PVWJ

* 1200 rpm

* 1200 rpm



Axial piston pumps, fixed delivery, high pressure



◀ PSI [bar] Nominal pressure ▶										Displacement in ³ /rev [cm ³ /rev] ▶										Max Available Outputs		Available Mounting		Power Input at Continuous rated pressure							
14500	13000	11600	10150	8700	7250	5800	4350	2900	Type	0.183	0.275	0.549	.564	0.839	1.150	2.13	2.73	3.33	4.17	4.26	5.46	6.66	8.34	28.6	35.8	rpm	Type	lbs [kg]	hp [kw]		
[10000]	[9000]	[8000]	[7000]	[6000]	[5000]	[4000]	[3000]	[2000]		[3]	[4.5]	[9]	[9.25]	[13.75]	[18.5]	[34.9]	[44.7]	[54.5]	[68.4]	[69.8]	[89.5]	[109.2]	[136.7]	[468]	[587]	gpm [lpm]					
																										gpm-1800rpm					
																										lpm-1500rpm					
									PFBA 02																	1.1 [4,1]	1	1800	Flange	99 [45]	16 [10]
									PFBA 2																	2.1 [6,2]	1	1800	Flange	99 [45]	24 [15]
									PFBA 2/2																	4.3 [2,3]	2 (1/2 1/2)	1800	Flange	99 [45]	49 [30]
									PFBA 4																	4.4 [13]	1	1800	Flange	99 [45]	50 [31]
			10150						PFBA 6																	6.5 [20]	2 (1/2 2/3)	1800	Flange	99 [45]	46 [29]
				7500					PFBA 8																	8.8 [27]	2 (1/2 1/2)	1800	Flange	99 [45]	48 [30]
14500									PFBK 033																	14.4 [46]	2 (1/2 1/2)	1800	Flange or Foot	462 [210]	166 [103]
			10150						PFBK 043																	19.1 [60]	2 (1/2 2/3)	1800	Flange or Foot	462 [210]	139 [87]
			10150						PFBK 052																	23.3 [74]	2 (1/2 1/2)	1800	Flange or Foot	462 [210]	164 [102]
					6000				PFBK 065																	29.3 [92]	2 (1/2 1/2)	1800	Flange or Foot	462 [210]	127 [78]
14500									PFCM 066																	28.8 [91]	2 (1/2 1/2)	1800	Flange or Foot	681 [309]	319 [198]
			10150						PFCM 086																	38.2 [121]	2 (1/2 2/3)	1800	Flange or Foot	681 [309]	269 [167]
			10150						PFCM 104																	46.6 [147]	2 (1/2 1/2)	1800	Flange or Foot	681 [309]	328 [204]
					6000				PFCM 130																	58.6 [185]	2 (1/2 1/2)	1800	Flange or Foot	681 [309]	239 [149]
					7250				PFCS 440																	203 [640]	3 (1/3 1/3 1/3)	1800	Foot	2469 [1120]	976 [606]
						5000			PFCS 580																	169* [801]	3 (1/3 1/3 1/3)	1200	Foot	2469 [1120]	633* [590]

* 1200 rpm

* 1200 rpm

