

Single Pump Operating Specifications

Model Series	Displ. in ³ /r (cm ³ /r)	Max. Speed r/min	Max. Pressure	Weight Lb (kg)
PVB5	0.64 (10,55)	1800	3000 (210)	18 (8)
PVB6	0.84 (13,81)		2000(140)	18 (8)
PVB10	1.29 (21,10)		3000 (210)	33(15)
PVB15	2.01(33,00)		2000(140)	33(15)
PVB20	2.61(42,80)		3000 (210)	57(26)
PVB29	3.76 (61,60)		2000(140)	57(26)
PVB45	5.76(94,50)		3000 (210)	211(96)

Noise Levels

Speed r/min	Pressure psi (bar)	Stroke	Noise Level – dB(A)					
			PVB5	PVB6	PVB10	PVB15	PVB20	PVB29
1200	500 (35)	Full flow	50	51	55	60	-	-
		Cutoff	52	51	48	51	-	-
	1000 (70)	Full flow	54	55	57	61	74	70
		Cutoff	56	57	51	54	-	-
	2000 (140)	Full flow	59	59	60	63	74	73
		Cutoff	59	60	54	58	69	76
	3000 (210)	Full flow	60	-	62	-	78	-
		Cutoff	61	-	56	-	-	-
1800	500 (35)	Full flow	57	58	61	64	-	-
		Cutoff	55	57	55	56	-	-
	1000 (70)	Full flow	60	61	63	67	76	77
		Cutoff	59	58	59	60	-	-
	2000 (140)	Full flow	63	66	65	69	81	81
		Cutoff	62	63	62	64	75	81
	3000 (210)	Full flow	64	-	67	-	81	-
		Cutoff	64	-	65	-	-	-

Single Motor Operating Specifications

Model Series	Displ. in ³ /r (cm ³ /r)	Flow USgpm (lpm) @ 1800 Rated rpm	Rated Operating Speed (rpm)		Pressure Psi (Bar)		Rated Output Torque lb. in. (Nm)	Weight Lb (kg)
			Rated Max		Rated Max			
MFB5	0.643(10,5)	5.0 (19.0)	1800	3600	1500(103)	3000(210)	135(15,25)	11(5,0)
MFB10	1.29(21,12)	10.0(37,9)		3600	1500(103)	3000(210)	279(31,5)	21(9,5)
MFB20	2.61(42,8)	20(75,7)		2400	1500(103)	2500(172)	41.5(4,7)	49(18,5)
MFB29	3.76(61,6)	29(109,8)		2400	1000(69)	2000(138)	59.8(6,75)	49(18,5)

Application Information

Shaft loading must be checked for excessive torque. Connections should always be tight to prevent air from entering the system. Oil level of reservoir is not below the "low" limit.

Before starting, the pump must be filled fully with system fluid. And all controls should be placed in the neutral position so the pump is unloaded when started. Start the engine and run at low idle. At initial startup, it is necessary to loose outlet connection to remove a trapped air.

Pumps should not be operated close to rated pressures at idle speeds for a long period. It will cause overheating and damage.