

Technical Data Sheet

CBG Series Duplex, Double Acting, Reciprocating Pump

MODEL	STROKE MM	LINER SIZE MM	MAXIMUM WORKING PRESSURE KG/CM2	NORMAL OPERATONAT 75SPM		MAXIMUM RECOMMENDED AT 100SPM		INPUT SPEED RPM		SUCTION SIZE MM	DELIVERY SIZE MM	WEIGHT KGS. (APPROX IMATE)
				DISPLAC- EMENTLPM	POWER BHP	DISPLAC- EMENTLPM	POWER BHP	NORMAL OPERATION	MAX. OPERATION			
CBG -125 (5" x 4½")	125	115	17.21	375	17.25	501	23	303.75	405	75	50	1025
		100	23.09	280		374						
		90	28.75	225		300						
		75	42.58	152		203						
CBG -150 LWF (6" x 5")	150	125	22.03	536	32	715	42	394	525	100	50	1250
		115	26.16	451		602						
		100	35.00	337		450						
		90	43.75	270		360						
CBG -150 LW (6" x 6")	150	150	15.16	779	32	1039	42	394	525	100	50	1550
		140	17.46	676		902						
		125	22.03	536		715						
		115	26.16	451		602						
CBG -200 (8" x 6")	200	150	20.74	1020	57	1361	75	341.25	455	125	65	2200
		140	23.84	885		1180						
		125	30.24	697		930						
		115	36.06	585		780						
CBG -200 HLW (8" x 7½")	200	150	16.91	1330	60	1995	88.8	273	410	150	75	3200
		175	20.01	1124		1685						
		165	22.59	996		1493						
		150	27.51	817		1226						
CBG -250 (10" x 6")	250	140	31.77	708	75	1062	111	314.40	471.60	125	75	3815
		150	40.29	558		837						
		140	31.77	708		1062						
		125	40.26	698		1047						
CBG -250 HLW (10" x 7½")	250	150	27.51	885	75	1533	111	314.40	471.60	150	75	4200
		140	31.77	708		1062						
		125	40.26	698		1047						
		115	48.07	585		878						
CBG -250 HLW (10" x 7½")	250	100	64.95	433	75	650	111	314.40	471.60	150	75	4200
		90	81.75	344		516						
		75	123.89	227		341						
		190	16.91	1663		2494						
CBG -250 HLW (10" x 7½")	250	175	20.01	1405	75	2107	111	314.40	471.60	150	75	4200
		165	22.59	1245		1867						
		150	27.51	1022		1533						
		140	31.77	885		1328						
CBG -250 HLW (10" x 7½")	250	125	40.29	698	75	1047	111	314.40	471.60	150	75	4200
		115	48.07	585		878						
		100	64.95	433		650						
		90	81.75	344		516						

- ✚ The Volumetric discharge is theoretical assuming pump running at 100% efficient.
- ✚ The actual volumetric efficiency at which the pump operates is normally 90%
- ✚ The above parameters are at 1.2 specific gravity of fluid. The pump can handle even more specific gravity fluids, but capacities will reduce correspondingly.

The specifications are subject to change without notice due to continued research & development.