

## CBG-250 (10" x 6")

### Duplex, Double Acting, Reciprocating Pump

#### SPECIFICATIONS:

Stroke Length : 250 mm	Suction Connection : 125mm (5") Size
Number of piston : 2	Discharge Connection : 75mm (3") Size
Maximum Stroke per minute : 90 SPM	Jack Shaft Extension :
Maximum Input Speed : 471 RPM	Diameter : 75 mm
Maximum BHP : 111 HP (82.80 KW)	Jack Shaft Extension : 225 mm
Input Torque : 171 Kg-mtr. (1681 Nm)	Key Size : 205 mm L x 20 mm W x 14 mm H
Oil Capacity : 40 Litters.	Approximate Dimension :
Approx Weight : 3815 Kgs. (8393 Lbs.)	Length 2770mm, Width 1270mm, Height 2150mm

#### PERFORMANCE RATING

MODEL	STROKE MM	LINER SIZE MM	MAXIMUM WORKING PRESSURE KG/CM2	NORMAL OPERATIONAT 75 SPM		MAXIMUM RECOMMENDEDAT 100 SPM		INPUTSPEED RPM	
				DISPLACEMENT LPM	POWER HP	DISPLACEMENT LPM	POWER BHP	NORMAL OPERATION	MAX. OPERATION
CBG 250 (10" X 6")	250	150	27.51	1022	75	1533	111	314.40	471.60
		140	31.77	885		1328			
		125	40.29	689		1047			
		115	48.07	589		878			
		100	64.95	433		650			
		90	81.75	344		516			
		75	123.89	227		341			

**STANDARD:** Pump is suitable or pulley drives.

**OPTIONAL:** Pump is suitable for hydraulic drive. Hydraulic motor/scan befitted both the side and either side of the pump.

- ✦ 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.