

## CBG-125(5" X 4 ½")

### Duplex, Double Acting, Reciprocating Pump

#### SPECIFICATIONS:

StrokeLength:125mm

SuctionConnection:75mm(3")Size

Number of piston: 2

DischargeConnection:50mm(2")Size

Maximum Stroke per minute : 100 SPM

Jack Shaft Extension :

Maximum Input Speed : 405 RPM

Diameter : 45 mm

Maximum BHP : 23 HP (17.15 KW)

Jack Shaft Extension : 140 mm

Input Torque: 41 Kg-mtr. (405 Nm)

Key Size : 120 mm L x 14 mm W x 8 mm H

Oil Capacity: 25 Liters.

Approximate Dimension :

Approx Weight: 1050 Kgs. (2310 Lbs.)

Length1710mm, Width 816mm,Height 1075mm

#### 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 125 (5" X 4 ½")	125	115	17.21	375	17.25	501	23	303.75	405
		100	23.09	280		374			
		90	28.75	225		300			
		75	42.58	152		203			
		65	58.27	111		148			

**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.