

CBG- 165 CG/ GD (6 ½" x 5")

Duplex, Double Acting, Reciprocating Pump

SPECIFICATIONS:

Application		Water well drilling, Diamond core drilling, Mines dewatering, and Chemical, Petroleum, Construction and General water services.		
Power End Drive	CBG-165CD	Multi Strand Heavy Duty Roller Chain Drive.		
	CBG-165GD	Double Helical Gear Drive.		
Maximum Bore and Stroke(mm)		139.70 X 165.10		
Liner Size(mm)		127.00, 114.30, 101.60, 88.90, 76.20		
Stroke Length(mm)		165.10		
No.of Stroke(SPM)		100		
Suction Port Size(mm)		101.60		
Delivery Port Size(mm)		50.80		
Displacement and Pressure with Different Size of Liner.		Liner Size mm	Displacement LPM	Pressure Kg/cm2
		127.00	813	21.88
		114.30	654	27.15
		101.60	512	34.59
		88.90	386	45.63
		76.20	278	63.08
THE FOLLOWING COMPONENT SHALL BE FITTED ON MUD PUMP DELIVERY LINE				
Surge Chamber		To dampen pressure pulses		
Pressure Gauge with Diaphragm		Range 0-70Kg/cm2 Pressure		
Relief Valve		Shear type, Pressure relief valve assembly		
By Pass and Service Valve		2Nos.50mmsizecontrolvalve		
Approx. Weight		1125Kgs.(Bare Pump)		
Mounting		Heavydutystructuralsteelskidframe.Optional:Trolley,TrailerorTruckMounted		
Prime Mover(Optional)		Diesel Engine Drive/Electrical Motor Drive		

- ✚ 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.