

ANNEXURE - 01

Diaphragm Valve for Slurry Line (Size - 200 NB).

Application : Slurry Line

Straight Through Type Diaphragm Valve (Type "KB")

Body & Bonnet :- Cast Iron to IS210 FG260 Phosphated & Black Epoxy Painted

Body Lining :- Butyl Rubber Lined

Lining Hardness:- 60 to 65 Shore A

Lining Thickness Min 3.5 upto 80mm and 4.5mm for size above DN80

Diaphragm Grade "300"(Synthetic Butyl Rubber)

End Connection Flanged (Flat Face) Drilled to suit BS 10 Table D .

Spindle Carbon Steel (Mild Steel-BS EN 10277-3(1.0715 OR 1.0718))

Handwheel ABS plastic upto 50mm and C. I. to IS210 FG260 for size > DN50

Compressor Cast Iron to IS210 FG260

Testing Code :- BS EN 12266 - I: 2003 & BS EN 12266-2:2002 (BS6755 Part- I)

Design Code BS EN 13397: 2002 (BS 5156)

Leakage Rate As per ANSI B16.104 Class VI (100% Leak Tight)

Method of Operation :- Handwheel

- Valve must have Yellow ON/ OFF Indication and patented lip seal lubrication up to size DN150.
- Working Temp :- Ambient
- Working Pressure :- Max upto 7 bar .

*Hydro Test Pressure :*

Size :- Upto 5" , Body Test Pr:- 15 Bar , Seat Test Pressure :- 11 bar .

Size :- Above 5" , Body Test Pr:- 9 Bar , Seat Test Pressure :- 4 bar .

Make :- Saunders / BDK / ~~only~~ equivalent

