



**CARBON THRUST PADS & AXIAL BEARINGS**

Thrust pads & Axial Bearings are made in the range of carbon material (Carbon Graphite Resin impregnated or Metal impregnated) to meet different application requirements. All Carbon grades retain the basic properties thus making them as unique engineering material, and particularly suited for Thrust Pads & Axial Bearing which may operate in conditions beyond the limits of other material.

**PROPERTIES OF CARBON**

HIGH WEAR RESISTANCE

SELF -LUBRICATING

DRY RUNING

RESISTANCE TO CORROSION

LOW THERMAL EXPANSION

GOOD THERMAL CONDUCTIVITY

## ADVANTAGES OF CARBON THRUST PADS AND AXIAL BEARING.

- HELP THE PUMP TO RUN IN DRY CONDITIONS
- LOW HEAT GENERATION.
- CONTRIBUTING IN CONSERVATION OF POWER
- WITHSTANDING OF UNPREDICTABLE LOAD.
- REDUCED INPUT POWER REQUIREMENT COMPARED TO FERRO ASBESTOS
- NO SEIZER OF MOTOR AFTER PROLONGED REST
- LOW MAINTENANCE COST
- LOWER hp PUMP PERFORMING AT PAR WITH HIGHER hp PUMP
- START UP AT 90 VOLTS COMPARED TO 120 VOLTS FOR FERRO ASBESTOS
- IMPROVING PUMP EFFICIENCY BY MINIMUM 5%

