Abrasion Resistant Paper Stock Pumps

Typical Applications:
- Stock and broke containing clay, perlite, silica, mineral wool, fiberglass or other abrasive solids
- Kraft and grit contaminated OCC recycle
- Erosive/corrosive waste water and black liquor
- Bark ash disposal

Key Pump Considerations:
- Proven slurry pump design avoids localized wear and provides maximum reliability
- Abrasion resistant high chromium iron hardened to 600 BHN further extends component wear life
- Flexibility of design features and options allows adaptation to changing requirements

Model KCR Features:
- Consistencies to 6% with no suction inducer
- Heavy wall sections, wide closed impeller and large volute provides the ultimate in component wear life and avoids traps for stock accumulation
- Independently separable bearing cartridge allows rapid maintenance without frame or case removal
- Heavy duty cylindrical and tapered roller bearings assure long bearing life and resist shock loads
- Multiple labyrinth seals and slingers on both ends of bearing cartridge eliminates contamination of bearings from stock spills and washdown

Model KCRP Features:
- Consistencies to 12% with suction inducer
- Same as Model KCR except:
  - Oversized suction entrance and connection
  - Abrasion resistant screw type suction inducer

Flow and Pressure:
- Flows to 7000 GPM
- Pressures to 125 psi

Pump Material Options:
- All wearing parts hardened high chromium iron
- Super hard nickel-chrome-boron packing sleeve
- 316 S.S., CD4MCu and other alloys also available

Other Nagle Abrasion Resisting Products:
- Pulper rotors
- Extraction plates
- Detrasher rotors
- Agitator blades
- Refiner plates
- Cyclone components
- Pressure screens
- Elbows and fittings

Nagle Pumps manufactures vertical cantilever, vertical submerged bearing, horizontal and submersible pumps for abrasive, corrosive, elevated temperature and hazardous fluid handling applications. See our Website for the representative in your area or contact Nagle Pumps directly.

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