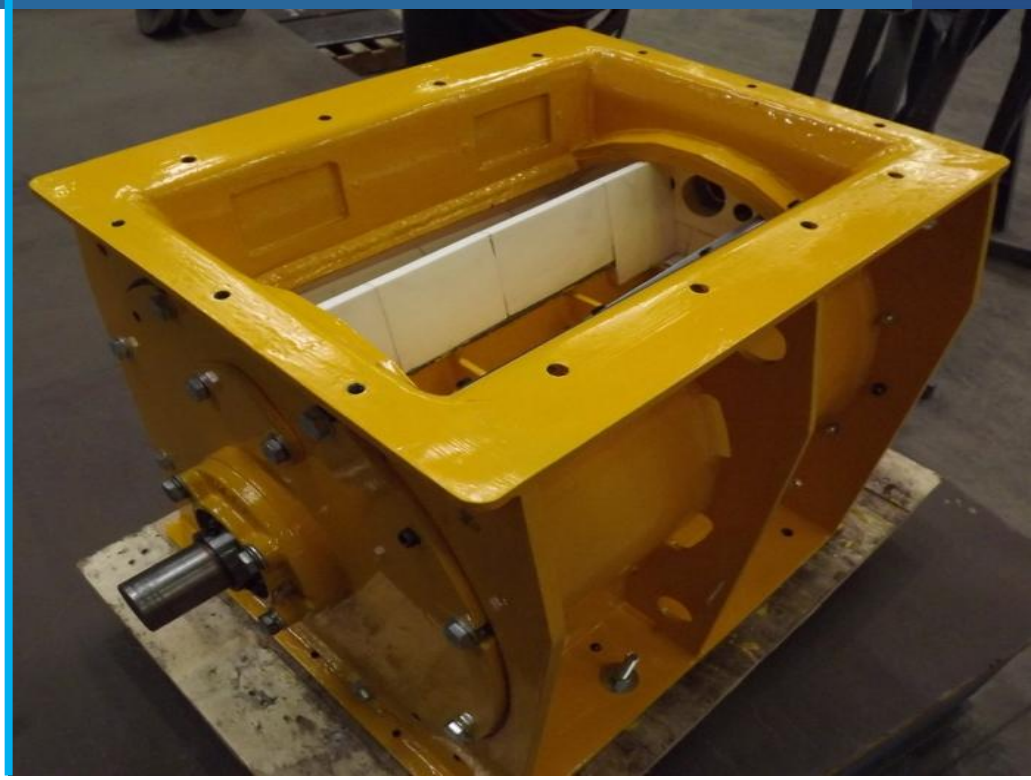
Kingfisher

WP EQUIPMENT FACT SHEET NO. 0006

Industry:
Wood processing
Plant:
Rotary Valve
Lining System:
K-ALOX Ceramic lining

K-ALOX LINED ROTARY VALVE



Key Benefits:

- ✓ **Improved wear resistance**
- ✓ **Increased operational uptime**
- ✓ **Reduction in maintenance costs**
- ✓ **Lining system can be replaced**

Many OEM's offer rotary valves encompassing traditional methods of wear protection technology such as chrome plating or thermal spray systems that add a degree of wear resistance to the valve body and rotor vanes. Likewise, some will even offer hard faced metallic deposits or even produce the vanes out of wear resistant cast steels. All of which offer a degree of protection that will prolong the service longevity of both the body and sometimes the rotor itself. None of these systems compares to Kingfisher's system that incorporates the latest technology in wear resistant ceramic materials alongside an understanding in engineering the system ensuring operational compatibility.

We have been involved in the design of our own rotary valves that offer enhanced service performance along with a cost effective steel structure that offers reliable service without the costs associated with expensive replacement assemblies as the valves can easily be refurbished, thus reducing the continual replacement costs. On average our 92P K-ALOX ceramic lined valve will outperform any traditional valve being protected by powder, high chrome or wear resistance steel systems by a significant factor. Where comparisons have been made, improved performances of up to 30 times have been achieved when compared to valves that have been protected using thermal powder coating systems. Add in the benefit of continual operation leading to plant availability and negating the consequential costs of labour, plant and access equipment associated with its replacement, then the benefits far outweigh the initial investment costs.

Protecting Industry Worldwide

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