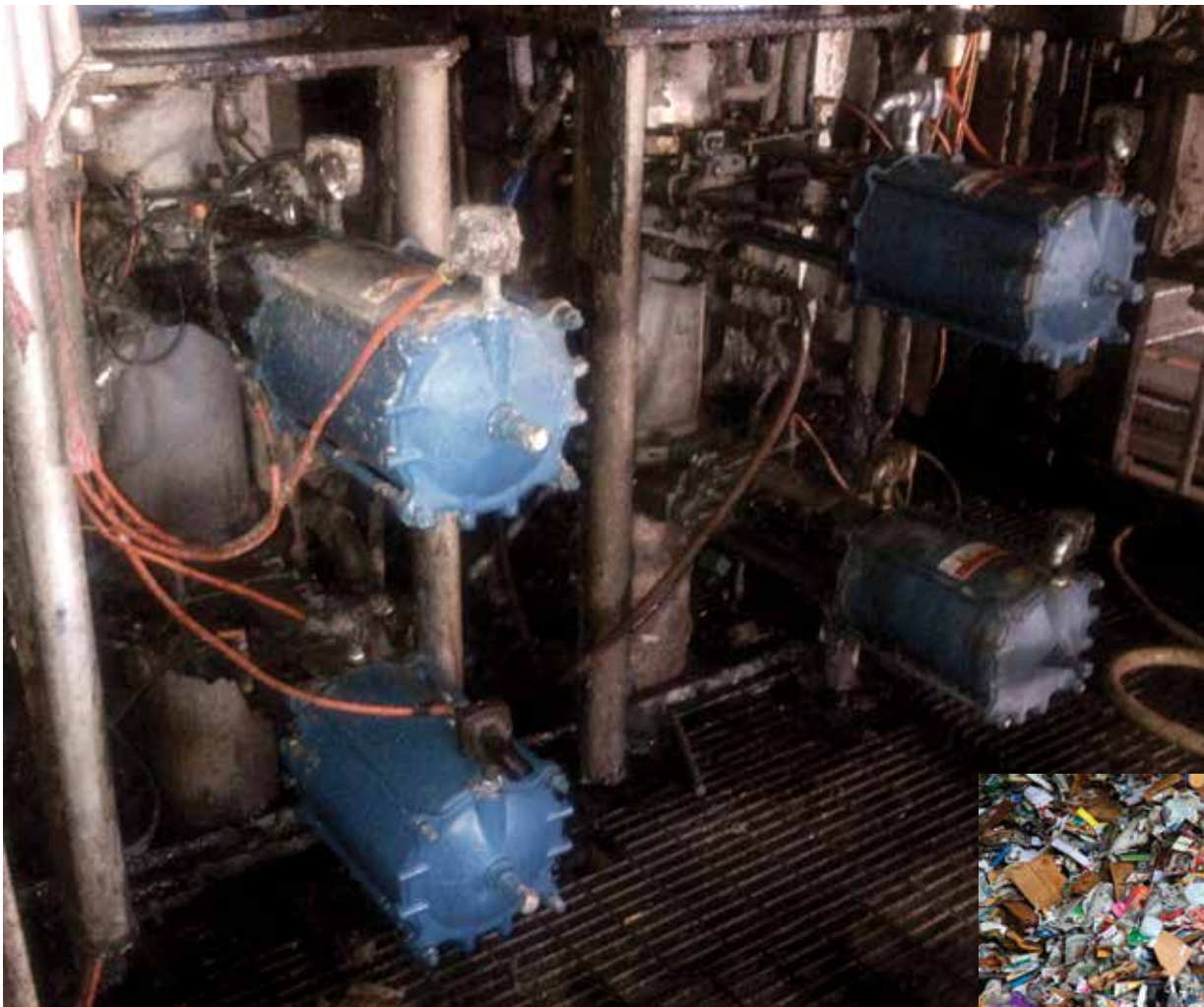


DeZURIK KGC-MD MAXIMUM DUTY CAST KNIFE GATE VALVES IN RECYCLE PAPER HIGH DENSITY CYCLONE CLEANERS



Four 8" (200mm) DeZURIK KGC-MD Maximum Duty Knife Gate Valves are installed in two High Density (HD) Cyclone Cleaners at a recycle paper mill. These valves lasted three times longer than the previous valves installed in this service.

The repulper is fed recycle fiber containing all types of post-consumer waste paper, metal, plastics, glass and other abrasives.

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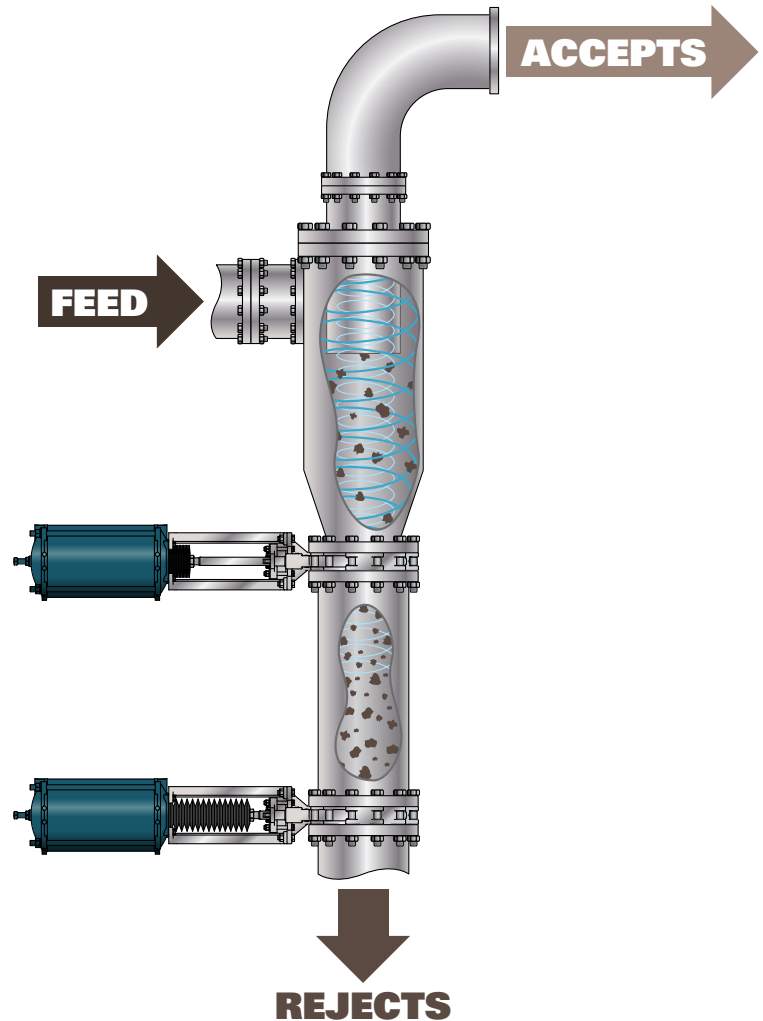
Aptly called "Trash Valves," these metal seated DeZURIK KGC-MD Maximum Duty Cast Knife Gates operate in one of the toughest applications imaginable. Installed in two High Density Cyclone Cleaners at a recycle paper mill, these valves have outperformed other valve styles and exceeded the mill manager's expectations.

This recycle paper mill's rated production is between 1000 and 1500 tons per day. The repulper is constantly being fed residential recyclables which contain all types of post-consumer waste paper along with metal, plastics, glass and other abrasives that wreak havoc on valve seats.

After the repulper, the waste paper pulp mixture is pumped into ceramic-lined, high density cyclone cleaners that remove the high density rejects from the paper fiber. At the bottom of the cleaners are two 8" (200mm) valves that complete one full cycle every 1 to 2 minutes. The cyclone action constantly propels abrasive materials against the interior of the valves at high velocity. After the top valve cycles, the bottom valve opens to dump the rejects. These valves are stroked about 43,200 times per month, and discard approximately 2.5 tons of rejects per day.

The mill has tried every possible valve recommended for this application. No matter what valve style or manufacturer they tried, the longest service life they received was 2.5 months. That was until they installed the DeZURIK KGC-MD Maximum Duty Cast Knife Gate Valves.

Mill personnel were impressed when the KGC-MD valves outlasted other valve styles used. And they were thrilled when the KGC-MD outlasted the ceramic liners inside the cyclone cleaners, which have a 3.5 month life expectancy. The KGC-MD valves performed without issue for almost 6 months!



For complete information on KGC Maximum Duty Cast Knife Gate Valves, or any of DeZURIK's other products, contact your DeZURIK representative. DeZURIK representatives are located in major cities throughout the world. For the name of the representative nearest you, contact DeZURIK.

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