



Dust Control and Loading Systems Inc

Leaders in Innovative Bulk Loading Systems Design

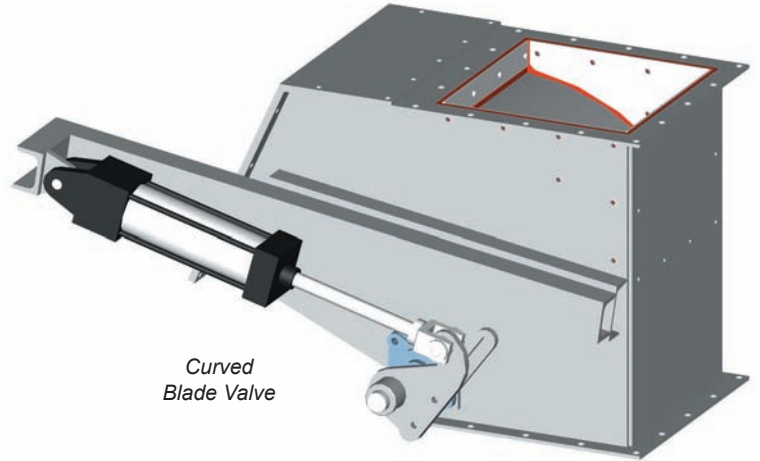
## Curved Blade Valve

### CURVED BLADE VALVE

DCL's Model Curved Blade Valves are designed to cut off product flow from outlets of storage bins, silos, conveyors, gravity flow chutes and other discharge points handling dry bulk materials.

These rugged heavy duty curved blade valves are available in standard sizes ranging from 6 inches to 36 inches square. Sizes larger than 36 inches, rectangular, and special configurations including hardened liners are available on a custom build basis.

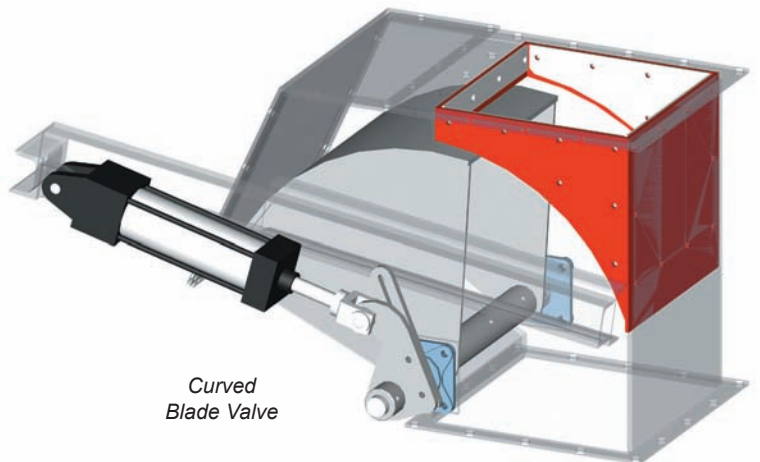
A choice of construction materials allow handling of all types of products; fine, granular, abrasive, corrosive, and sanitary applications.



### FEATURES

The Curved Blade Valves are fast acting, tight sealing, and very effective for regulating flow rates. The curved blade valve should only be used when handling fine or granular materials and not materials containing a large percentage of lumps.

The Curved Blade housing is constructed of plate steel with cross member supports on larger sizes. The reinforced curved blade pivots on two flanged bearings allowing it to open and close with ease. Actuation of Curved Blade Valves can be accomplished in many ways; pneumatically for fast action, hydraulically for power, electrically for precise positioning, and manually with a chain wheel or lever.



The seals on the Curved Blade Valve are designed to eliminate product leakage when the blade is in the shut off position. The seals are mounted to the Curved Blade housing instead of the blade allowing for easy access and replacement. Blade seals are selected according to the material being handled and are available to suit any application.