

Specification

The gate-valves on the delivery side serve as shutoffs for dry products in gravity fall without any overpressure in the conveyor system, such as beneath bins (hoppers) or trough type chain-conveyors (Redler).

In the standard version, hopper gate-valves are produced to a maximum infeed area of $\leq 900 \text{ cm}^2$; Redler gate-valves are designed as lateral pushers.

The valve plate is guided on ball bearings within a U frame construction and is secured to the top of the U frame by means of a cover frame on the infeed side. The clear aperture size of the cover frame specifies the appropriate dimensions for the gate-valve. Laterally to the valve, externally mounted lower and upper felt strups serve as dust seals.

The following actuating equipment is supplied to customer requirement:

- electropneumatically controlled double-action cylinder;
- electric worm-gear motor including pinion and rack;
- manual operation via handwheel, pinion and rack;

Electrical control and feedback effected via 2 limit switches.

Transition unit on the delivery side supplied at customer request.

Safety advice DIN 34-1

Denomination

Outlet-gate

Date

01/92

Drawing-No.

AS 2

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