



DIVERSE VALVES / BKDV

TRANSPORT



They are intended for the construction of transfer (gravity) installations for bulk raw materials. Due to their construction, reliability and simplicity of operation, high tightness and a wide range of various applications in industry, two-way dischargers with internal seals and two-way material flow dividers are the basic devices used for separating bulk raw materials into two directions or changing the direction of a gravitationally flowing loose product.

These devices allow the material to be transferred to the next element of the industrial installation or the next transport route. Dischargers with internal seals are also a very good basis for any special or unusual applications. One such application is to reduce flow time. The so-called "fast drive" is used, for example, in systems for detecting and removing metals from the product stream. Another special version is to equip the chute with a drive with a positioner. The positioner mounted on the rotary drive allows you to stop the discharge flap in any intermediate position.



PRODUCTION MATERIALS:



CARBON
STEEL



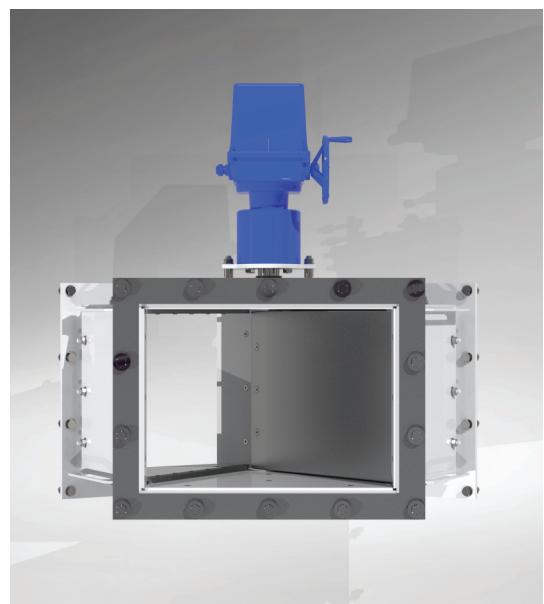
ACID - RESISTANT
STAINLESS STEEL



HEAT - RESISTANT
STEEL



HARDOX
STEEL



FINISHING:



ANTI-ABRASIVE
VERSIONS



SPRAY PAINTING /
POWDRE COATING

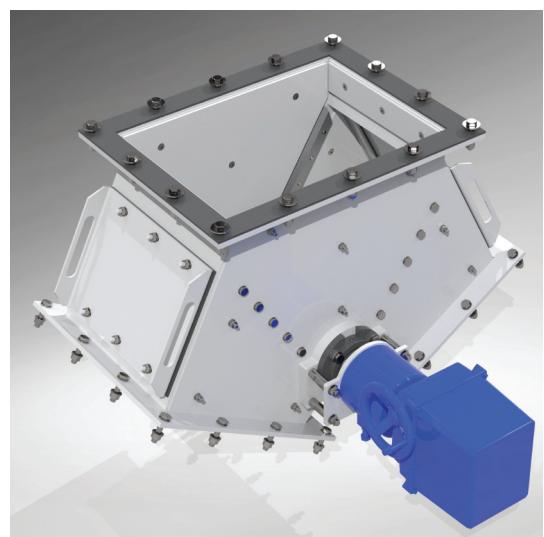


OPERATING:
-20 ... +40 °C



MEDIUM:
< 200 °C

TEMPERATURES:



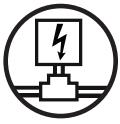
DRIVE TYPES:



MANUAL



PNEUMATIC



ELECTRICAL



HYDRAULIC



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The chute consists of a casing, a flat flap attached to a shaft with bearings in the case, and a drive. The thickness of the casing wall is 2 - 3 mm, the material in the basic versions is carbon steel and stainless steel.

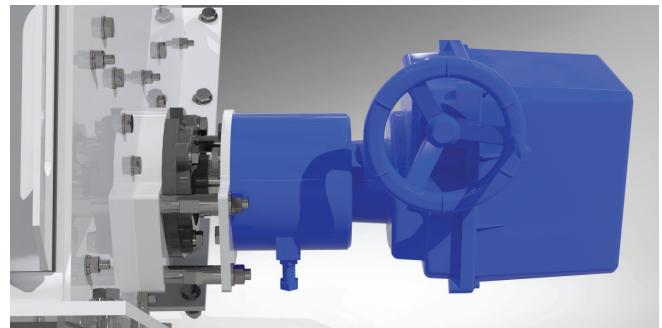
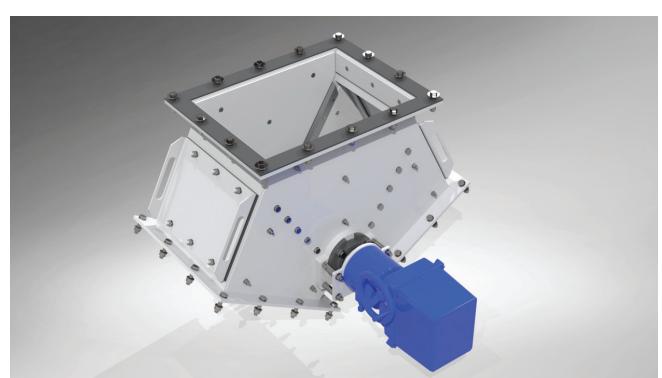
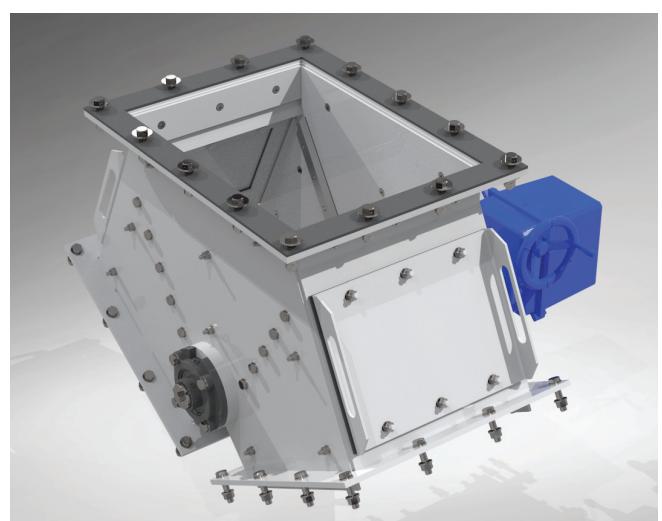
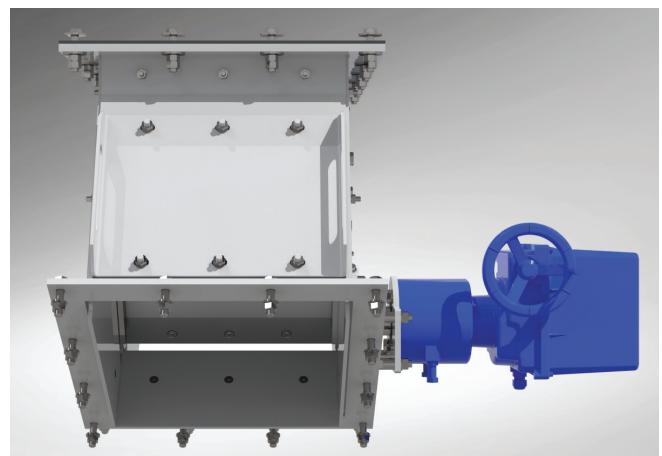
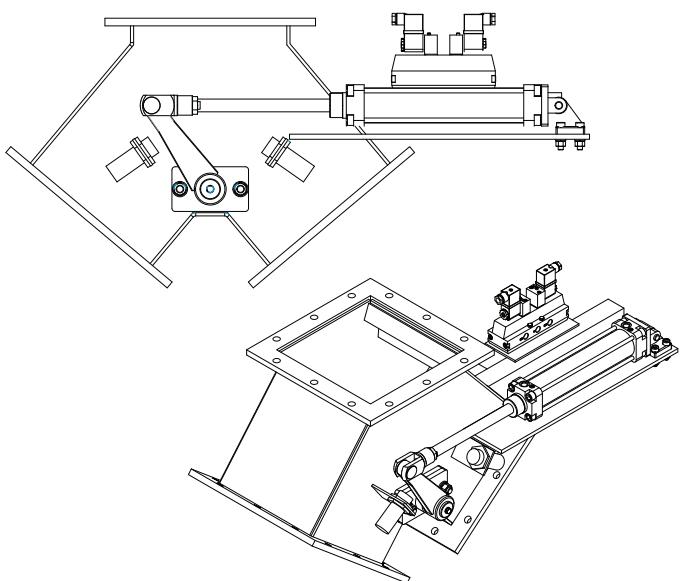
The discharge flap consists of two flat sheets screwed together (one of them is welded to the shaft). After the flap is moved, it is placed on the strips attached to the device housing, ensuring tightness between the individual outlets. Dischargers can be switch over while the raw material is pouring.

In painted carbon steel chutes, the sealing strip is standardly made of polyamide, which ensures the effective operating range of the device at medium temperatures of -30 to +80 °C.

In the case of devices made of stainless steel, heat-resistant steel and Hardox steel, the sealing strip is made of Teflon, which guarantees reliable operation of the device in the medium temperature range from -60 to +200°C.

The transfer drive can be manual (manual lever) or automatic: pneumatic (rotary or cylindrical), electric or hydraulic.

Dischargers can be made symmetrical (inlet: vertical, and outlets: to the right and left) or asymmetrical (inlet and outlet: vertical and outlet to the side).



MODEL:	COLLAR WIDTH:	DRIVE TYPE:	INDICATIVE EFFICIENCY:
BKDV 200	200 mm	manual (hand) / automatic	180 m ³ /h
BKDV 300	300 mm		410 m ³ /h
BKDV 400	400 mm		725 m ³ /h
BKDV 500	500 mm		1 100 m ³ /h



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