Armatures for bulk goods

Material feeders
MAHR-BOW 2000, Silo Feeding Nozzles
Two-Way-Valves TYPE ZR, Squeeze valves
Couplings, Conveying pipes

Gate-Batching Units
Cast Iron Flat-Disk Valve, Tapered-plug Valves, Air Slides Rotary Valves, Rotary Valves, Butterfly Valves, Dosing Gate Valves
Two-Way-Divers, Pendulum Dosing Gates

Dedusting Units
Large Capacity and Special Filters
Pressure Surge Filter, Silo Filters (mechanical and pneumatic)

Discharge Devices
Silo-Aeration-Bottoms, Air Separators,
Aeration hoses

Loading Equipment
Telescope Loaders, Loader Hoppers,
Loader Controls, Chutes

Controlling Units
Level Indicators, Overfill Protections
Temperature Indicators, CO-Measurement/-indication

Conveying Equipment
Screw Conveyors,
Air Slide LF

Pneumatic Conveying Equipment
Two-Way-Valves, Accessory Nozzles
Special Hose Valves, Pneumatic Conveyor Systems
Pressure Tanks, Tapered-plug Valves, Cone locks

Storing
Single steel silos: factory welded, welded on-site or screw assembled
Bunkers, Hoppers, multi-chamber silos: screw assembled and welded

Flat Slide Valve
Type MMFS-H, MMFS-P, MMFS-GM
Super-sealing shut-off device for silo and container outlets –
for manual, pneumatic and motor driven operation
FLAT SLIDE VALVE, TYPE MMFH-H

AREAS OF APPLICATION:
To be used at silo and container outlets in emergency cases in order to be able to do maintenance works at subsequent discharge units without needing to empty the silo. Ensures optimal sealing when handling dusty or granular bulk goods of max. 4 mm grain size.

LAYOUT AND OPERATING PRINCIPLE:
Modular construction, with basic frame allowing to mount three different operating units (for manual, pneumatic or motor driven operation).

Slide valve steel plate is led on rollers sealed from both sides.

Steel plates in labyrinth arrangement plus a stuffing box ensures optimal sealing. The gland in the stuffing box can easily be adjusted from outside.

MATERIAL:
Frame: St 37, cinc coated
Sealing block: Aluminium
Stuffing box: Cast iron
Gland: PFTE ramie
Steel plate: ST 37, primed

TECHNICAL DATA:
Cylinder: Ø 100 mm
Switch: Reed switch
Valve: 5/2 (closed when not powered)

ADVANTAGES:
• Optimal sealing
• Hot-dip galvanized
• Robust and reliable
• Short closing times
• Modular design

DIMENSIONAL DRAWINGS AND TABLES FOR TYPE MMFH-H (MANUAL OPERATION)

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* NW 200: drive rotated 90°

FLAT SLIDE VALVE, TYPE MMFH-P

AREAS OF APPLICATION:
To be used at silo and container outlets. Ensures optimal sealing when handling dusty or granular bulk goods of max. 4 mm grain size.

LAYOUT AND OPERATING PRINCIPLE:
Modular construction, with basic frame allowing to mount three different operating units (for manual, pneumatic or motor driven operation).

Slide valve steel plate is led on rollers sealed from both sides.

Steel plates in labyrinth arrangement plus a stuffing box ensures optimal sealing. The gland in the stuffing box can easily be adjusted from outside.

MATERIAL:
Frame: St 37, cinc coated
Sealing block: Aluminium
Stuffing box: Cast iron
Gland: PFTE ramie
Steel plate: ST 37, primed

TECHNICAL DATA:
Cylinder: Ø 100 mm
Switch: Reed switch
Valve: 5/2 (closed when not powered)

ADVANTAGES:
• Optimal sealing
• Hot-dip galvanized
• Robust and reliable
• Short closing times
• Modular design

DIMENSIONAL DRAWINGS AND TABLES FOR TYPE MMFH-P (PNEUMATIC OPERATION)

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FLAT SLIDE VALVE, TYPE MMFH-GM

AREAS OF APPLICATION:
To be used at silo and container outlets. Ensures optimal sealing when handling dusty or granular bulk goods of max. 4 mm grain size.

LAYOUT AND OPERATING PRINCIPLE:
Modular construction, with basic frame allowing to mount three different operating units (for manual, pneumatic or motor driven operation).

Slide valve steel plate is led on rollers sealed from both sides.

Steel plates in labyrinth arrangement plus a stuffing box ensures optimal sealing. The gland in the stuffing box can easily be adjusted from outside.

MATERIAL:
Frame: St 37, cinc coated
Sealing block: Aluminium
Stuffing box: Cast iron
Gland: PFTE ramie
Steel plate: ST 37, primed

TECHNICAL DATA:
Gear motor: 0,37 kW, 230/400 V
Switch: Micro switch, 250 V, 6 A
Chain drive: 5/8” x 3/8”

ADVANTAGES:
• Optimal sealing
• Hot-dip galvanized
• Robust and reliable
• Short closing times
• Modular design
• Small dimensions for installation

DIMENSIONAL DRAWINGS AND TABLES FOR TYPE MMFH-GM (GEAR MOTOR OPERATION)

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