

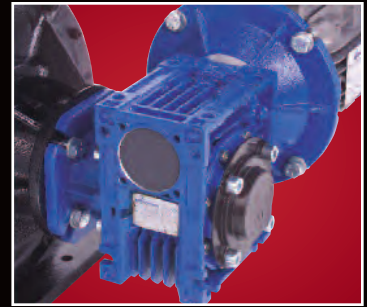
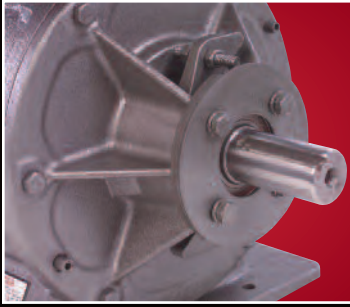
The logo features the letters 'UD' in a large, bold, red sans-serif font. Below 'UD', the word 'SERIES' is written in a smaller, black, spaced-out sans-serif font. The logo is positioned on the left side of a black rectangular area that also contains descriptive text.

# UD SERIES

MEYER Universal Duty Series airlock valves provide the customer a great valve for low pressure conveying and dust collection applications. These units utilize one piece rotors with cast machined housings for a superior seal. All units utilize permanently lubricated outboard bearings insuring low maintenance.







## UDV

The UDV Universal Duty Drop-Thru Valves are designed for economical and reliable material metering and airlock service. The perfect solution for low pressure pneumatic conveying. Ideal for pollution control applications beneath dust collectors and cyclone separators.

## DDV

The DDV Dust Duty Drop-Thru Valves are designed to provide a low cost airlock solution for simple light duty dust collection applications under baghouses and cyclones.



SQUARE	CFR	ROUND	CFR
6	0.095	6	0.095
8	0.23	8	0.23
10	0.48	10	0.48
12	0.90	12	0.90
14	1.54	14	1.54

The UDV Universal Duty Valves are designed for economical and reliable material metering and airlock service.

Ideal for pollution control applications in wood, grain, food, textile, paper, tobacco, rubber, and paint industries, the UDV valve works beneath dust collectors and cyclone separators where temperatures do not exceed 350°F and pressure differentials are less than 7 PSI.

The UDV valves are available with square or round flanges; they feature rugged castings and larger shaft diameters than the competition.

#### UNMATCHED COMPETITIVE ADVANTAGES:

- Available in five sizes from 6 through 14
- Round or square flange assures system compatibility
- 8 vane open end rotor
- Full flow throat design permits maximum flow to rotor pocket
- Oversize shaft diameters reduce deflection for maximum torque
- Rugged cast iron construction and stainless steel provides maximum structural stability
- Outboard sealed bearings never need lubrication
- Application specific options including speed switches, motors, drives and accessories
- Externally replaceable packing with split compression design

#### COMMON SERVICE CONDITIONS:

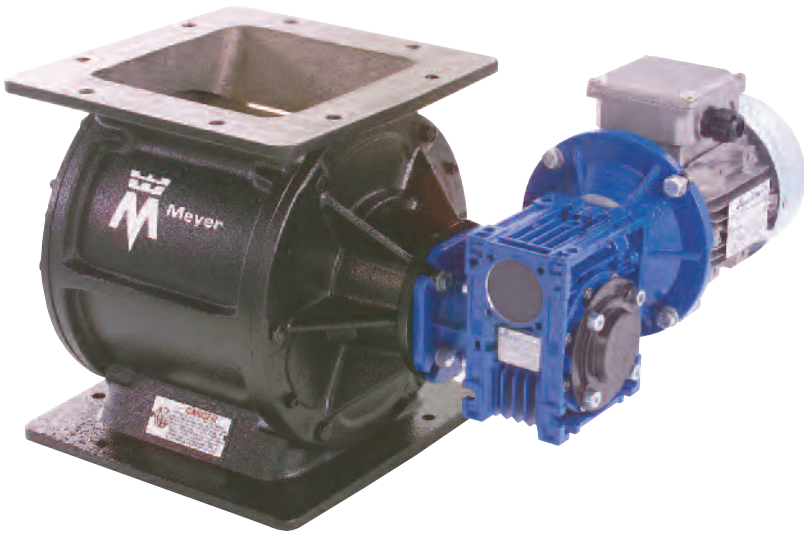
- Pressure Rating: 7 PSI
- Maximum Operating Temperature: 350°F
- Materials: Dry Free Flowing Mildly Abrasive

#### TYPICAL APPLICATIONS:

Dust Collection	Metering
Cyclone Separator	Low Pressure Conveying Systems

#### RELEVANT INDUSTRIES:

Wood	Grain
Food	Textile
Paper	Tobacco
Rubber	Paint



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The DDV Dust Duty Valves are designed to provide a low cost airlock solution for simple dust collection under baghouses and cyclones.

This design is uniquely suited for a low pressure application where a quality air seal is necessary in light duty non-abrasive dust collection applications.

The DDV valves are available in sizes 6 through 14 with square or round housings to match most collector discharge flanges.

**UNMATCHED COMPETITIVE ADVANTAGES:**

- Available in five sizes from 6 through 14
- Maintenance-Free direct drive at 22 RPM
- 8-Vane open end rotor - beveled edges
- Replaceable urethane sealstrips (optional)
- Cast iron or stainless steel machined housings and endplates
- C-Face standard motor
- Round or square flange assures system capabilities
- Outboard sealed bearings never need lubrication
- Externally replaceable packing with split compression design

**COMMON SERVICE CONDITIONS:**

- Pressure Rating: 60" W.C.
- Maximum Operating Temperature: 300°F
- Materials: Dry Free Flowing

**TYPICAL APPLICATIONS:**

- Dust Collection
- Cyclone Separator

**RELEVANT INDUSTRIES:**

Wood	Grain
Food	Textile
Paper	Tobacco
Rubber	Paint