



DEPAC® Inlet Valve

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The United Conveyor Corporation (UCC) DEPAC® Inlet Valve is designed for vessel isolation service in high pressure pneumatic conveying applications of abrasive material such as dry ash. UCC has re-engineered this valve for improved sealing performance, extended service life, greater reliability and ease of maintenance over alternative valves. The DEPAC Inlet Valve comes fully assembled and can be shipped pre-piped to reduce field assembly and installation costs. Retrofit upgrade kits are in-stock and available for fast delivery.

FEATURES

- Inlet Size and Type: DN200, PN16 or 8" ANSI, Class 150
- Outlet Size and Type: DN400, PN16 or 16" ANSI, Class 150
- Maximum Operating Pressure: 9 bar [130.5 psi]
- Maximum Operating Temperature: 300°C [572°F]
- Single Piece, Fabricated Body Designed for Compliance with PED, ASME, and CSA
- Actuator Operating Pressure: 80 - 100 psi

ADVANTAGES

■ Superior Performance

- NEW> Self adjusting, spring-mounted ball pivot with machined flat disc provides reliable sealing performance
- NEW> Spring-loaded packing design maintains uniform pressure on the packing during operation, preventing leakage and extending the life of the shaft and packing
 - › Large throat allows high material flow rates and reduces possibility of plugging

■ Longer Service Life

- NEW> DURITE® or optional tungsten carbide disc and seat provide superior wear resistance
- NEW> Single through-bolt disc with ball pivot assures proper alignment and sealing
- NEW> Metal backed polymer bearing has a higher temperature rating and extended wear performance

■ Simple and Easy Maintenance

- NEW> Removable bearing cartridges are easy to service, rebuild and replace
 - › Access covers allow adjustments and maintenance to be performed in place
- NEW> Retrofit kits available to upgrade previous valve designs

New Ball Pivot
and Lever



DEPAC[®] Inlet Valve

Technical Data Sheet
TDS10-403

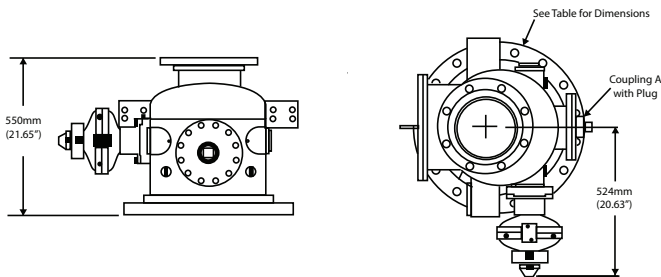
ADVANTAGES (cont.)

■ Optional Components

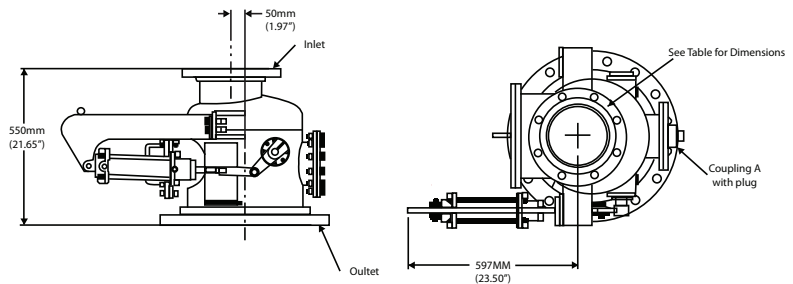
- NEW> Actuator options: rotary vane or air cylinder
 - › Actuator guard for personnel protection
 - › Extended grease fittings and actuator extensions for insulated valves
 - › Roller lever type and proximity limit switches with pre-drilled brackets for easy installation
- NEW> Solenoid valve options: Direct mounted or pre-piped without solenoid using brass fittings and rubber hoses
 - › Disc and seat options: DURITE[®], Tungsten Carbide, Viton[®] lined steel

DESIGN OPTIONS

Rotary Vane Option



Air Cylinder Option



KEY DIMENSIONS

CODE	INLET FLANGE			OUTLET FLANGE			CONNECTIONS	
	No. of Holes	Hole Dia.	Bolt Circle Dia.	No. of Holes	Hole Dia.	Bolt Circle Dia.	Coupling A	Coupling B
PED	12	22 mm	295 mm	16	30 mm	525 mm	G2"	G1/2"
ANSI/CSA	8	7/8"	11 3/4"	16	1 1/8"	21 1/4"	2" NPT	1/2" NPT

ORDERING INFORMATION

Please reference UCC Drawing # 5-1973-1 for current product information.

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