



DOUBLE FLAP GATE VALVES C-Series HPTC Model

The HPTC model is designed for high pressure, extreme temperature and abrasive or highly corrosive material applications.

Uni-body construction – robust fabricated construction, less air leakage, large capacities.

Machined ground seats/flappers- cast from Hi-chrome White Iron – 650 Brinell hardness.

Removable access covers (4) with lift handles - for In-Place Service and Maintenance.

Dual lever arms – assures that flapper mates properly to seat.

Rotary actuators – totally enclosed allows dust free operation and no pinch points.

Stainless steel shafts – 25 to 60% larger than most competitors. Less shaft failure

Regrindable Seat/Flapper – working life extended for years at minimal cost.

Outboard mounted bearings – heavy duty and minimizes failure due to heat.

Design matches industry standard height and flange pattern.

Choice of drives: Pneumatic, Electric and Gravity.

Typical applications are pneumatic and vacuum conveying.

Industries Where Used

Cement	Flyash
Iron Ore	Bulk Powders
Chemical	Power Generation & Incineration
Steel Mills	Mining & Minerals
Pulp & Paper	Recycling



Features

- Pneumatic rotary actuators -- Grit and dust free for longer life
- High chrome white iron seats & flaps -- 27% chrome wear resistant
- Dual lever arms -- Thorough flap-to-seat contact
- Heavy duty outboard bearings -- Less contamination
- Shaft seal packing area -- Better seals leakage reduction
- Front & rear access panels -- Permits interior inspection
- One piece housing construction -- Resulting in larger capacities

	0832 HPTC	1036 HPTC	1244 HPTC
SIZE	8X8	10X10	12X12
CF/HR*	210	306	558
HEIGHT	32	36	44

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