



DOUBLE FLAP GATE VALVES C-Series HPSC Model

The HPSC model is designed for new construction and retrofit in restricted space.

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

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



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

	0816 HPSC	1020 HPSC	1224 HPSC
SIZE	8X8	10X10	12X12
CF/HR*	33	50	102
HEIGHT	16"	20"	24"

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