

# Capping Floating Ball Valve



## PRODUCT DESCRIPTION

Capping valve is installed for digester for pulp application; The lower body flange is fitted to the digester. Due to floating ball design, ball will be push against seat with the rising of pressure and temperature of digester with more reliable tightness. Exclusive plate spring design provides pre-tightening to ensure effective tightness even under low differential pressure. Floating ball with shaft, guiding device and locating bracket design prevent the ball from lateral movement.

The metal to metal seat with guiding device design enhances reliability and durability. Full ball design with two seating face available for service in 180° turn, a saving of ball spare. Full bore design ensure quick chip filling and smooth flow path without residue accumulation, therefore much higher chip filling efficiency.

Pressure sensor is installed on body, connectable to the locking system to prevent malfunction during overpressure of cooking process. Mechanical locking device is designed on the cylinder of the pneumatic actuator as second protection against malfunction

## TECHNICAL SPECIFICATIONS

Body material:	Cast iron/Cast steel/Stainless steel/Other special materials
Size range:	NPS 16"-28"
Pressure rating:	CL150-CL300(PN1-2.5MPa)
Operating temperature:	-29~280°C
End connection:	Flanged
Applicable medium:	Feeding control of wood chips
Mode of operation:	Manual &Automatic
Applicable industry:	Pulp & Paper
Design & Manufacture:	ASME,GB,HG,JB