

# Hydrogen Peroxide (H<sub>2</sub>O<sub>2</sub>) Floating Ball Valves



Hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>) is a chemical compound of hydrogen (H<sub>2</sub>) and oxygen (O<sub>2</sub>). It is mainly used in medical and chemical applications due to its oxidizing, disinfectant and antimicrobial properties.

Hydrogen peroxide comes with some challenges at high concentrations as it is corrosive and dangerous to human health. Although it is not flammable it can support combustion if it is in direct contact with a flammable source.

Vinco ball valves are designed to operate in hydrogen peroxide service with high levels of tightness and by selecting compatible and resistant materials to ensure high chemical compatibility and fire safe design.

BILL OF MATERIALS					
ENCLOSURE	BALL	STEM	SEATS	SEALS	PACKING
STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL	TFM 1600	PTFE GRAPHITE	FKM GRAPHITE

FEATURES		
Self-adjust live loaded packing ISO 5211 adapter	Double encapsulated body seals Firesafe certified	Fugitive emissions design Anti-static ATEX design

INDUSTRIAL RANGE	
XF	CF
	