



Ammonia (NH₃) is a chemical compound of nitrogen (N) and hydrogen (H₂). It is mainly used in fertilizer industry and is a potential renewable energy carrier due to its carbon-free molecular structure. Ammonia service comes with some challenges as extreme corrosion, toxicity and flammability. Vinco ball valves are designed to operate in severe ammonia service to ensure safely handling, high levels of chemical compatibility and fire safe design incorporated.

BILL OF MATERIALS					
ENCLOSURE	BALL	STEM	SEATS	SEALS	PACKING
STAINLESS STEEL (WET) CARBON STEEL (DRY)	STAINLESS STEEL	STAINLESS STEEL	C-RPTFE	C-RPTFE GRAPHITE	EPDM GRAPHITE

FEATURES		
Self-adjust live loaded packing ISO 5211 adapter Double encapsulated body seals	Upstream relief hole (WET) Unidirectional (WET)	Firesafe certified Fugitive emissions design Anti-static ATEX design

INDUSTRIAL RANGE	
XF	CF
	