

BALL INTAKE VALVE Series**BIV 4.0"F X 6.0"F****AB7NP-NX-PS**

SWIVEL ROCKER LUG X SWIVEL HANDLE SHAFT ON TOP

\$2340.00 List Price**FEATURES**

AB Series - BIV - TFT's Ball Intake Valve has a 3.65" waterway and is designed for use with 3.5, 4, 4.5, 5 or 6" (89, 100, 115, 125 or 150mm) hose. The 30° intake elbow swivels 360° and has multiple positive detents. Make hose connections from any direction with minimal kinks and coupling stress. Designed for pressure or vacuum service on a pumper. Maximum operating pressure is 300 psi (20 bar). Meets 900 psi (62 bar) hydrostatic strength test. The aluminum castings are hard coat anodized, and TFT-powder coat finished inside and out for maximum corrosion protection. All the components on the wet side of the valve are made of stainless steel for additional corrosion protection. The hand crank needs 7-1/2 turns to open, meeting NFPA slow close requirements. There is a unique position indicator that shows the operator if the valve is open, closed or somewhere in between. The hand crank is installed with a 2-5/8" swing but may be switched to 1-5/8" if desired. The unit comes equipped with a rugged 3/4" (19mm) drain valve to quickly drain water from the valve housing. A port for an optional air bleed valve is incorporated into the design for user friendly configurability. Hose couplings and truck connections are attached to the valve using polymer bearing rings which provide electrical isolation to help prevent galvanic corrosion. Includes TFT's new adjustable pressure relief valve with a discharge that can be directed one of four ways and meets NFPA 1901. Contact TFT customer service for configurations not shown. Cap lanyard anchor point is standard.



SPECIFICATIONS

Remote Control	No
Profile	Standard
Waterway	3.65 inch (92.7mm)
Coupling Size Side A	6" (150mm)
Coupling Size Side B	4" (100mm)
Weight	35.328
Detent Swivel	Yes
L D H Inlet	Yes
L D H Outlet	Yes
Pressure Relief Valve	Yes

DOCUMENTS

Technical Specifications and Drawings

[AB7NP-NX-PS ITEM SPECIFICATION \(DOC\)](#)

Instructions For Installation, Safe Operation and Maintenance

[A1630-KIT SIDE SHAFT GEARBOX INSTALLATION INSTRUCTIONS \(PDF\)](#)

[BALL VALVE KIT WITH CANBUS MANUAL \(PDF\)](#)

[BIV INSTRUCTION MANUAL \(PDF\)](#)

[LOW PROFILE BALL INTAKE VALVE MANUAL \(PDF\)](#)

[PRESSURE RELIEF VALVE \(PDF\)](#)

[PRESSURE RELIEF VALVE CONFIGURATION WITH GALVANIC ISOLATOR \(PDF\)](#)

[STORZ GASKET REPLACEMENT KIT \(PDF\)](#)

Online Videos

[BALL INTAKE VALVE SERIES VIDEO \(MP4\)](#)

Product Brochures

[BALL INTAKE VALVE \(BIV\) \(PDF\)](#)

[BIV SERIES OVERVIEW \(PDF\)](#)

[GO CONFIGURE \(PDF\)](#)

[MAX FLOW AND OPTIONS BALL INTAKE VALVE \(PDF\)](#)

Service Procedures

[ALUMINUM STORZ LOCK LEVER INSTALLATION \(PDF\)](#)

ABOUT THE BALL INTAKE VALVE SERIES

Constructed of hard anodized and powder coated aluminum alloy, TFT's Ball Intake Valve series has virtually eliminated expensive corrosion related repairs. Available with a choice of manual or remote controls, a fast acting pressure relief valve, and a unique 30 degree swiveling inlet, these valves are the perfect choice for high volume flow operations. The unobstructed, low friction loss water way allows for maximum flow and models even include a low profile version for tight profile pump panels.

Please note: When using the filters to search for a product, Side A refers to the truck side of the valve and Side B refers to the LDH side of the valve.