

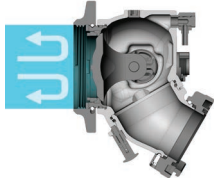
MANUAL AND REMOTE CONTROL BALL INTAKE VALVE (BIV) MAXIMUM FLOW AND OPTIONS

TFT's BIV's are the ideal alternative to master intake valves integrated into the apparatus pump system, because they eliminate the need for apparatus to be taken out of service for repair or maintenance of an intake valve. Units are constructed of lightweight, hard anodized and powder coated aluminum alloy. In addition, hose couplings and truck connections are attached to the valve using polymer bearing rings which provide electrical isolation to help prevent galvanic corrosion. Models are available with a choice of manual or remote controls, a fast acting pressure relief valve, and a unique swiveling inlet. The January 2021 catalog details the models and offers a matrix (see *following page*) to help find the right model.

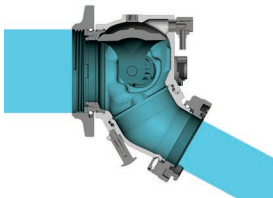


JUMBO
LOW PROFILE BIV
AXDIST-NX-T

Unique Valve Design



When the BIV is closed, the water stays on the pump side so the inside of your valve is dry at all times.



When the BIV is open, the valve completely swings to the side and provides high flow, because of the unobstructed waterway.

Configurations to Meet Your Needs



TFT offers a BIV solution for every application. Options include handle placement, inlet/outlet sizes, body profile, pressure relief, and remote control. Design your BIV to fit your unique apparatus.

High Flow to Your Pump



Industry standard of a 5.25" (133mm) waterway. The unobstructed waterway on a BIV with a 5" (125mm) coupling has only 11 psi loss at 2000 gpm (0.7 bar @ 7600 l/min) and there's only 3 psi of loss at 2000 gpm (0.2 bar @ 7600 l/min) for the Jumbo Valve series with a 6" (150mm) coupling.

BIV Ball Intake Valve

- Easy Model Selection
- 10-Year Warranty
- High Flow, Low Friction Loss
- Configurations To Meet Your Needs

Task Force Tips' Ball Intake Valve (BIV) family offers a solution for every application. Options include handle placement, inlet/outlet sizes, body profile, pressure relief and remote control. Effective January 1, 2021, we made the BIV line even easier to navigate to find the one that's right for your customers' needs and to service and support the valves. BIV users still have the wide ranges of options available, including both manual and RC models and our popular low profile packages.

These valves are the perfect choice for compact pump panel designs, and measure less than 11" (29cm) deep. The models include a 5.25" (133mm) diameter waterway. This series includes an exclusive 10-year warranty from corrosion.

TFT's Jumbo Ball Intake valve has a huge 5.25" (133mm) diameter waterway giving low friction loss to maximize flow. Friction loss is 3 psi at 2000 gpm (0.2 bar @ 7600 l/min). Designed for use with 3.5", 4", 4.5", 5" or 6" (89, 100, 115, 125 or 150mm) hose. A parallel shaft handle is also available for a top mount control for minimal interference.

Choose this series for best performance in tight profile pump panels.



Jumbo Low Profile Ball Intake Valve	AXE-F Series	AXD-T Series	AXE-T Series	AXD-T Series
<ul style="list-style-type: none"> • 10 Year Warranty • High Flow 5.25" Waterway • Left or Right Crank Location • Top or Front Hand Crank Location • Electric Remote with Manual Override Knob • With or Without Easily Adjustable Pressure Relief Valve 				
Description Low Profile Elbow, Front Crank, PRV Dim Max 14.7"H, 13.8"W, 11.3"D List Price \$2850.00	Description Low Profile Elbow, Top Crank, PRV Dim Max 14.7"H, 13.8"W, 11.3"D List Price \$2850.00	Description Low Profile Elbow, Top Crank, PRV Dim Max 14.7"H, 13.8"W, 11.3"D List Price \$2850.00	Description Low Profile Elbow, Top Crank, PRV Dim Max 14.7"H, 13.8"W, 11.3"D List Price \$2850.00	

Choose this series for best performance.



Jumbo Ball Intake Valve	AX Series	AX-PS Series	AP Series	AP-PS Series
<ul style="list-style-type: none"> • 10 Year Warranty • High Flow 5.25" Waterway • Left or Right Handwheel • Top Hand Crank Location • Electric Remote with Manual Override Knob • With or Without Easily Adjustable Pressure Relief Valve 				
Description Elbow, Handwheel, PRV Dim Max 17.8"H, 14.0"W, 15.5"D List Price \$2700.00	Description Elbow, Top Crank, PRV Dim Max 18.8"H, 11.5"W, 15.5"D List Price \$2700.00	Description No Elbow, Handwheel, PRV Dim Max 17.4"H, 13.4"W, 12.9"D List Price \$2700.00	Description No Elbow, Top Crank, PRV Dim Max 18.7"H, 11.2"W, 12.9"D List Price \$2700.00	

The TFT Ball Intake Valve (BIV) is being replaced by the Jumbo BIV and Jumbo Low Profile BIV making selection of a high performance pump inlet valve much easier.

BEGINNING IN 2021 THESE MODELS WILL BE REPLACED

Choose from one of the series above.

Standard Ball Intake Valve	AB Series	AB-PS Series	ABS Series	ABS-PS Series
<ul style="list-style-type: none"> • 5 Year Warranty • Low Flow 3.65" Waterway 				
Description Elbow, Handwheel, PRV Dim Max 15.6"H, 13.0"W, 14.0"D	Description Elbow, Top Crank, PRV Dim Max 16.0"H, 11.5"W, 14.0"D	Description No Elbow, Handwheel, PRV Dim Max 16.2"H, 13.4"W, 11.0"D	Description No Elbow, Top Crank, PRV Dim Max 17.8"H, 11.2"W, 11.0"D	

AZD-F Series	AZD-T Series	AZE-T Series	AZD-T Series	AXD-RC Series	AXE-RC Series
Description Low Profile Elbow, Front Crank, No PRV Dim Max 16.6"H, 13.4"W, 1.3"D List Price \$2585.00	Description Low Profile Elbow, Top Crank, No PRV Dim Max 16.6"H, 13.4"W, 11.3"D List Price \$2585.00	Description Low Profile Elbow, Top Crank, No PRV Dim Max 16.6"H, 13.4"W, 11.3"D List Price \$2585.00	Description Low Profile Elbow, Top Crank, No PRV Dim Max 16.6"H, 13.4"W, 11.3"D List Price \$2585.00	Description Low Profile Elbow, Electric, PRV Dim Max 13.5"H, 15.6"W, 11.3"D List Price \$4850.00	Description Low Profile Elbow, Electric, PRV Dim Max 13.5"H, 15.6"W, 11.3"D List Price \$4850.00

AZ Series	AZ-PS Series	AQ Series	AQ-PS Series	AX-RC Series	AP-RC Series
Description Elbow, Handwheel, No PRV Dim Max 12.7"H, 13.4"W, 16.1"D List Price \$2435.00	Description Elbow, Top Crank, No PRV Dim Max 14.6"H, 11.2"W, 16.1" D List Price \$2435.00	Description No Elbow, Handwheel, No PRV Dim Max 12.7"H, 13.8"W, 12.1"D List Price \$2435.00	Description No Elbow, Top Crank, No PRV Dim Max 14.6"H, 11.2"W, 12.1"D List Price \$2435.00	Description Elbow, Electric, PRV Dim Max 17.9"H, 11.2"W, 16.1"D List Price \$4700.00	Description No Elbow, Electric, PRV Dim Max 17.9"H, 11.2"W, 12.1"D List Price \$4700.00

AC Series	AC-PS Series	ACS Series	ACS-PS Series	AB-RC Series	ABS-RC Series
Description Elbow, Handwheel, No PRV Dim Max 13.0"H, 13.4"W, 13.5"D	Description Elbow, Top Crank, No PRV Dim Max 14.4"H, 11.2"W, 13.5"D	Description No Elbow, Handwheel, No PRV Dim Max 11.6"H, 13.4"W, 11.0"D	Description No Elbow, Top Crank, No PRV Dim Max 13.5"H, 11.2"W, 11.0"D	Description Elbow, Electric, PRV Dim Max 16.8"H, 11.2"W, 14.0"D	Description No Elbow, Electric, PRV Dim Max 16.8"H, 11.2"W, 11.0"D

TFT Ball Intake Valves

AP JUMBO
SHORT
SERIES
AP1ST-NX



AP and AQ Jumbo Short BIV Series

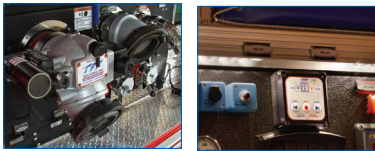
TFT's Jumbo Short Ball Intake Valve has a huge 5.25" (133 mm) diameter waterway giving low friction loss to maximize flow. Friction loss is only 3 psi at 2000 gpm (0.2 bar @ 7600 l/min). This series is designed for use 3.5", 4", 4.5", 5" or 6" (89, 100, 115, 125 or 150mm) hose include a parallel shaft handle. AP models include a PRV (pressure relief valve) as standard.



AXD Jumbo Low Profile BIVs

These valves are the perfect choice for compact pump panel designs, measure less than 11" (29cm) deep. The models include a 5.25" (133mm) diameter waterway. This series includes an exclusive 10-year warranty from corrosion.

Remote Control or Manual Options



A remote controlled valve is available and with the touch of a button, the pump operator can open the valve.

AX Jumbo BIV Series



AX JUMBO
SERIES
AX1SX-NX

TFT's Jumbo Ball Intake valve has a huge 5.25" (133mm) diameter waterway giving low friction loss to maximize flow. Friction loss is 3 psi at 2000 gpm (0.2 bar @ 7600 l/min). Designed for use with 3.5", 4", 4.5", 5" or 6" (89, 100, 115, 125 or 150mm) hose. A parallel shaft handle is also available for a top mount control for minimal interference.

Gateable Valve with Position Indicator



Feather the valve during drafting operations or gate it as needed. The position indicator clearly shows CLOSED, 1/2, and OPEN positions

Double Layered Corrosion Guards



The valve's aluminum alloy casting is hard coat anodized and powder coated to hold up against the harshest of climates and water quality.

360° Swiveling Elbow Eases Connection



Connecting the LDH is easier. The swivel allows the elbow to twist with the charging LDH from the fire hydrant.



MADE IN USA

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