TRUE BLUE™

1/2" TRUE-UNION BALL VALVE TRUNNION DESIGN

IMPORTANT INFORMATION

VALVE CONSTRUCTION: The body, ball, reinforced upper ball stem, lower ball stem, seat carriers, end connectors, and union nuts are of one material as per the order and specified on top of this box. The handle is ABS. Ball seats are PTFE. O-Ring seals are FKM (brown) or EPDM (black).

Valves made of Type 1 Grade 1 PVC are dark grey, CPVC light grey, Virgin Polypropylene white, and PVDF cream.

The ball is machined and polished after molding to assure highest quality. The upper ball stem is reinforced against breaking. The ball support is a Trunnion design with both an upper and lower stem enabling the valve to be piped in either direction.

PRESSURES, TEMPERATURES, AND FLUIDS IN CONTACT WITH VALVE:

Depending on the materials of construction there are different ratings and recommendations. If you are not absolutely sure of this information contact your Plast-O-Matic distributor or factory.

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PLAST-O-MATIC VALVES, INC.
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INSTALLATION AND MAINTENANCE

FLOW DIRECTION: Due to the Trunnion design these valves are capable of handling flow and pressure in either direction.

THREADED CONNECTIONS: Use PTFE tape or a suitable pipe sealant on threaded connections. Use a strap wrench to tighten up to 1/4 turn more than hand tight. Do not use metal pipe wrenches.

SOCKET CONNECTIONS: (PVC and CPVC only). Cut pipe ends square and deburr. Clean mating surfaces with proper solvent. Apply cement to surfaces and immediately assemble with 1/2 turn rotating motion. ***Caution:*** Do this disassembled from valve to avoid damage. For Polypropylene Thermal Socket Fusion, follow fusion equipment manufacturer's recommendations. For more information contact your Plast-O-Matic distributor.

ADJUSTMENTS: If valve is leaking at the PTFE seats or end O-rings simply tighten the union nuts with the valve in closed position. Use a strap wrench to tighten up to 1/4 turn more than hand tight. Do not use metal pipe wrenches. If leaking continues then replacement of faulty part is necessary. If leaking occurs at the stem O-ring then replacement is necessary.

DISASSEMBLY OF DOWNSTREAM PIPING: The Trunnion design of this valve enables you to disassemble the downstream piping from the valve by unscrewing the valve's downstream union without leakage from the upstream pressure. To do this, first close the valve, then slightly loosen the downstream union, then tighten the upstream union and then completely remove the downstream union. Use extreme caution with dangerous fluids.

VALVE REMOVAL FROM PIPING: The True Union design enables you to simply unscrew the two valve union nuts and slide the valve body away from he piping. Pressure or liquid head must be removed from both sides of valve before doing this. Use extreme caution with dangerous fluids.