

Shut-off & Lockout Valves
T72★ - ★★A - P1★
Type

B.....2-Port/2-position shutoff valve, black slide, padlocks in closed position only
 E.....3-Port/2-position lockout valve, yellow slide, unthreaded exhaust outlet, padlocks in closed position only
 T.....3-Port/2-position shutoff valve, red slide, threaded exhaust port, padlocks in closed position only

Port

2.....1/4"
 3.....3/8"

Thread Form

A.....PTF
 B.....ISO Rc taper
 G.....ISO G parallel

Options

N.....None
 D.....T72T with exhaust diffuser
 S.....T72T with exhaust silencer

TECHNICAL DATA

Fluid: Compressed air
 Maximum pressure: 17 bar (250 psig)
 Operating temperature*: -20° to +65°C (0° to +150°F)
 * Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

Cv factor:

IN to OUT ports: 5,7

OUT to Exhaust ports on 3-port/2-position valves: 0,2

Exhaust port threads on T72T valves: M5 (10-32NF)

Materials:

Body: Zinc
 Slide: Acetal plastic
 Elastomers: Nitrile

REPLACEMENT ITEMS

Service Kits (includes items circled on exploded view)

T72B (Black slide)4384-511
 T72E (Yellow slide).....4384-513
 T72T (Red slide).....4384-512
 Exhaust silencer (T72T valves only)MS000A
 Exhaust diffuser (T72T valves only).....54463-01

INSTALLATION

1. Install valve in air line with air flow in direction of arrow on body. Use pipe thread sealant on male threads only. Do not allow sealant to enter interior of valve.
2. The slide can be padlocked in the closed position only. If desired, install a customer supplied padlock in the 5mm (0.19") diameter hole in the slide.

DISASSEMBLY

1. Shut off inlet pressure. Reduce pressure in inlet and outlet lines to zero.
2. Remove the valve from the air line. Disassemble in general accordance with the item numbers on exploded view.

CLEANING

1. Clean all parts with warm water and soap.
2. Dry and inspect parts. Replace parts found to be damaged.

REASSEMBLY

1. Lubricate o-rings and center area of both sides of slide (4) with o-ring grease. Assemble valve as shown on the exploded view. The blade must be installed with the words **OPEN** and **CLOSED** facing the inlet port. The T72E valve uses o-ring (5) in the inlet and outlet bodies. The T72B and T72T valves use o-ring (5) in the inlet body, and seal (6) in the outlet body.

2. Torque Table

Item	Torque in N-m (Inch-Pounds)
1 (Screw)	5,7 to 6,2 (50 to 55)

WARNING

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under **Technical Data**.

Before using these products with fluids other than air, for nonindustrial applications, or for life-support systems consult Norgren.

