



- The most reliable block valve available
- Isolates pressure source from the gauge head during inspections
- Available in 2" flat face and raised face flange
- Simple and positive operation
- No maintenance required

The Shand & Jurs Model 93421 Tape or Cable Block Valve

The Shand & Jurs Model 93421 Tape or Cable Block Valve is utilized in Automatic Level Gauging Systems to isolate the pressure source from the gauge head for inspection, and service of the gauging system without reducing tank pressure, or in installations where it is necessary to close a valve on a flat tape or cable. Should the action of product turbulence cause the tape to break, the cable block valve offers a cable catcher that stops the tape at the tape-cable junction. The tape cable assembly is replaceable without depressurizing or emptying the tank during tank filling, when breakage is seen.

The valve is supplied with 2" flat faced flanges on

the aluminum body and raised face flanges on a cast steel body. The 300 pound raised face flanges have eight 3/4" diameter mounting holes and the 150 pound has four 3/4" diameter mounting holes. Flange gaskets and hardware are not included with the valves. Adapter flange available for 1 1/2" NPT connections.

The valve is normally used in the open position and closed only when required. To close, firmly screw handle clockwise. The teflon tube inside the housing, presses firmly against both sides of the tape or cable. To open, screw handle fully counterclockwise. The handle makes approximately 1 1/2 turns from the closed to open position.

MODEL NUMBER SELECTION:

The model number will consist of a base number 94321 followed by two two digit numbers which represent the options listed in the following tables.



ORDERING INFORMATION

Specify:

1. Model 93421 Tape or Cable Block Valve
2. Type of Block Valve: Tape or Cable
3. Type of Service: 50 psi, 300 psi, or 125 psi (for Cryogenic or Special)
4. Available with a 2" Flange, (If other is needed please specify)
5. Flange Type: Raised or Flat



MATERIAL

SERVICE	BODY	BONNET INSERT	SHOE GUIDE	O-RINGS	ANVIL	SEAL & TUBE CABLE GUIDE
150 psi Normal	Cast Steel	303SS	SS	Rubber	303SS	Teflon
300 psi Normal	Cast Steel	303SS	SS	Rubber	303SS	Teflon
150 lb. Cold to -60 F	Cast Steel	303SS	SS	Rubber	303SS	Teflon
125 lb. cryog. and oxygen	Cast Alum.	Alum.	SS	Teflon	Alum.	Teflon
125lb. cryog. and special	Cast Brass	Brass	Brass	Teflon	Brass	Teflon

NOTE: 150 psi Cold to -60F is U.S. Coast Guard Approved.

TABLE I - (AB) SERVICE

DESCRIPTION	OPTION # TAPE	OPTION # CABLE
150 psi Normal	11	21
300 psi Normal	12	22
150 psi Cold to -60 F	13	23
125 psi Cryogenic & Oxygen	14	24
125 psi Cryogenic & Special	15	25
125 psi Cryogenic Lox	16	26

TABLE II (CD) FLANGE TYPE

DESCRIPTION	OPTION NUMBER
Flat Face	01
Raised Face	02