



# INLINE CHECK VALVES

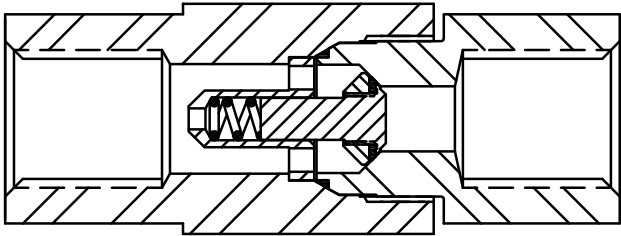
MODEL 2000 - 2100 - 2200 - 2300



FLUID MECHANICS INLINE CHECK VALVES ARE DESIGNED TO GIVE BUBBLE TIGHT SHUTOFF FOR THOUSANDS OF CYCLES WHEN HANDLING CLEAN DRY GASSES OR LIQUIDS.

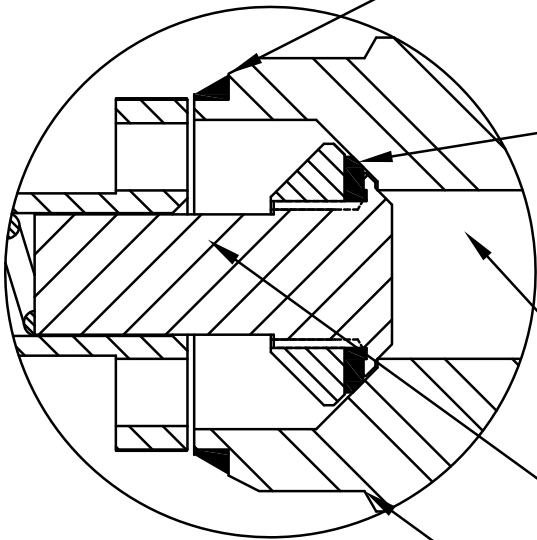
SPECIAL DESIGN FEATURES MAKE THESE VALVES IDEAL FOR CRYOGENIC SERVICE. CRYOGENIC TRIM ON SPECIAL ORDERS ONLY.

MODEL 2000 THRU 2300, SIZE 1/8" - 1/2"



## EXTERNAL SEAL

A SPECIAL LIP TYPE METAL BODY SEAL IS USED. THE SEALING FORCE INCREASES WITH AN INCREASE OF BODY PRESSURE. THE VALVE HAS A SECONDARY O-RING TYPE SEAL. THESE SEALS PREVENT FLUID REACHING THE THREADS.



## PLASTIC SEAT

THE SOFT SEATED VALVES CONTAIN A SPECIAL CAPTURED PLASTIC SEAT. THIS SEAT IS SPECIALLY MACHINED WITH THE METAL BACK-UP SECTIONS TO ASSURE PERFECT HEIGHT AND WIDTH FOR BUBBLE TIGHT SHUTOFF AND TO PREVENT SEAT BLOWOUT UNDER SONIC VELOCITIES.

## FULL FLOW

ALL AREAS THRU VALVES ARE EQUAL TO OR GREATER THAN "MS" TUBING ID.

## GUIDES

GUIDE AREAS ARE LIQUID HONED TO PREVENT GALLING.

## BODY

BODIES ARE MADE FROM ALL BAR STOCK AND REQUIRE NO WELDING FOR GRAYLOC FITTING.

MODEL 2000 THRU 2300, SIZE 3/4" - 4"

