



Fluidcheck
An ISO 9001:2008 Certified Company



PISTON VALVE



**A SEATLESS, GLANDLESS
GLOBE VALVE FROM ONE
OF THE OLDEST
MANUFACTURERS
IN THE COUNTRY**

Fluidcheck's R&D indigenously designed and developed Piston Valve to replace the conventional high maintenance Globe Valves. Fluidcheck Piston Valves with its 100% leak tight performance can be used in all critical applications like acids, steam and heat transfer media.

ADVANTAGES OF FLUIDCHECK PISTON VALVES:

- ✓ Valves can be supplied with IBR certification
- ✓ Easily adaptable to automation, can be supplied with Electric or Pneumatic Actuator
- ✓ Seatless & Glandless Less Maintenance
- ✓ 100% Leak Tight
- ✓ Thermal Expansion effectively compensated in Design
- ✓ Flow Regulation Possible
- ✓ No erosion of sealing surface
- ✓ Replaceable parts & Spares readily available
- ✓ Seals can be replaced online.

IBR Approved

APPLICATIONS:

STEAM
THERMIC FLUIDS
VACUUM
CHEMICALS & GASSES

SIZE RANGE:

DN 15 TO DN 100

STANDARDS:

FACE TO FACE: ANSI B 16.1
CLASS 150

TESTING: BS 6755-1

PRESSURE RATING:

ANSI CLASS 150

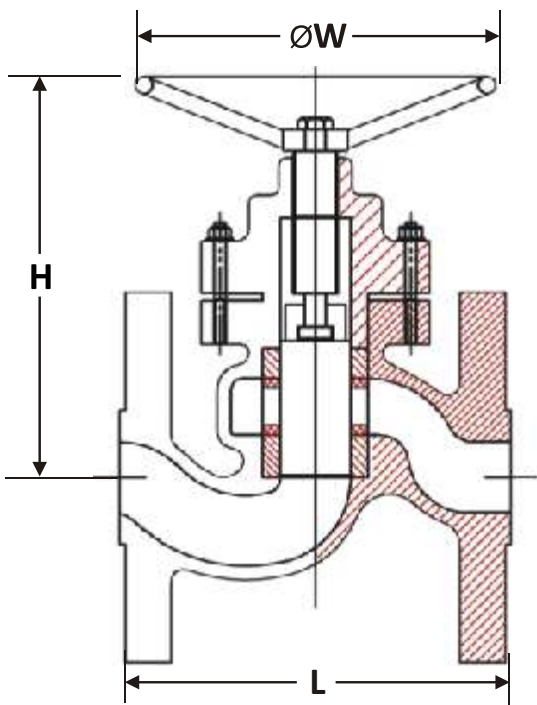
HYDRO TESTING:
SHELL: 30 BAR

SEAT: 22 BAR

AIR:
SEAT: 6.9 BAR

100% HYDROSTATIC TESTED

Proudly Serving Indian Industry since 1967



PISTON VALVE DIMENSIONS

SIZE	L	H	W
15	108	98	60
20	117	98	60
25	127	105	80
40	165	155	120
50	203	175	120
80	241	220	230
100	292	295	280

All dimensions are in mm.

For more technical information contact FCV

PISTON VALVE MATERIAL SELECTION TABLE

PART NAME	MATERIALS
BODY / BONNET	CARBON STEEL WCB, STAINLESS STEEL CF8 / CF8M
LANTERN BUSH	SS410 / CF8M
PISTON	SS410 / CF8M
SPINDLE	SS410 / SS316
SEAT RINGS	FCV GA
OPERATOR	Carbon Steel / Ductile Iron Hand Wheel, Hydraulic, Electric & Pneumatic Actuators



PNEUMATIC OPERATED PISTON VALVE



HAND WHEEL OPERATED PISTON VALVE

ALSO AVAILABLE: **FLUIDCHECK** BUTTERFLY VALVE, DIAPHRAGM VALVE, PINCH VALVE, SWING CHECK VALVE

FLUIDCHECK VALVES P LIMITED

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