

# MUELLER FLOW CONTROL FOOT VALVE FLANGED END

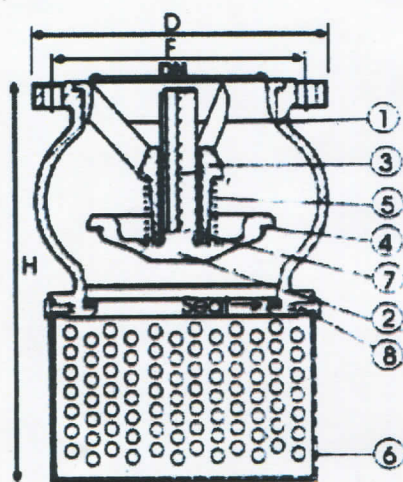
Model: F-150

## Stainless Steel Foot Valve

FLANGE DRILLED: PN10/16, JIS 10K, ANSI 150



Model F-150



### CONSTRUCTION

Foot valve is basically a check valve fitted to the end of a suction pipe leading to a pump. Its purpose is to keep fluid tapped in the suction pipe when the pump stops, thus maintaining a suitable prime for the pump. When the pump restarts, the suction created opens the valve, giving full flow to the pump inlet.

### TECHNICAL FEATURES

Operates in any position from horizontal to vertical ascending, or oblique pipelines to allow flow in one direction.

Minimum headloss.

Silent, reliable sealing and various type available NBR / EPDM / VITON / PTFE.

Simple and robust-design suitable for general applications.

Dose not generate hammering.

The return spring ensures that the Foot valve will work in any position.

Closing system, Long back axial guiding for reduced displacement.

### SPECIFICATIONS

DESCRIPTION		MATERIALS
NO.1	BODY	ASTM A351 Grade CF8/ ASTM A351 Grade CF8M
NO.2	DISC	ASTM A351 Grade CF8/ ASTM A351 Grade CF8M
NO.3	GUIDE	ASTM A351 Grade CF8/ ASTM A351 Grade CF8M
NO.4	SEAL	NBR/VITON/PTFE
NO.5	SPRING	ASTM A351 Grade CF8
NO.6	STRAINER	ASTM A351 Grade CF8/ ASTM A351 Grade CF8M
NO.7	SEAT	ASTM A351 Grade CF8
NO.8	STEM	ASTM A351 Grade CF8
MAX. WORKING TEMPERATURE		PTFE 180°C
WORKING PRESSURE		25 BAR
TEST PRESSURE		31.25 BAR

### DIMENSIONS

SIZE	Ø D	H	Appox. W/kg
DN 50	100	150	5
DN 65	130	180	8
DN 80	150	210	10
DN 100	180	250	13
DN 125	220	300	16
DN 150	275	350	18
DN 200	335	450	25
DN 250	415	550	40
DN 300	490	640	45
DN 350	533	660	60
DN 400	596	640	75