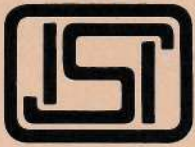
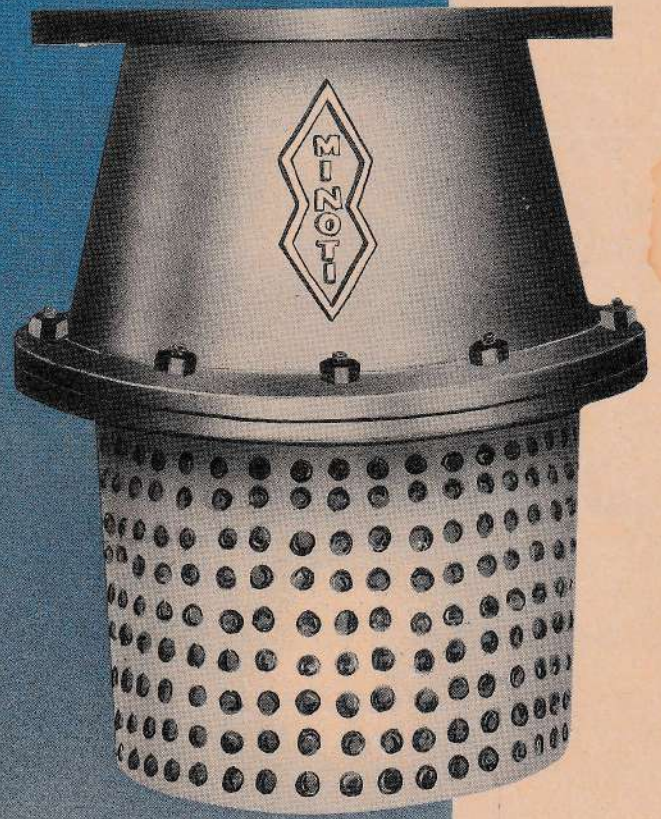


IS : 4038



Quality Assurance



# MINOTI FOOT VALVE

WITH C. I., M. S. or S. S. STRAINER



# FOOT VALVE (Lift Type)

(With C. I., M.S./S.S. STRAINER)

As Per IS : 4038

SIZE -25 m.m. to 450 m.m.

## CONSTRUCTION

'MINOTI' Brand Foot Valve is generally placed at the lower end of the Suction Pipe to prevent the Suction Pipe from emptying while the pump at rest and manufactured the Valve of lift type with flanged ends.

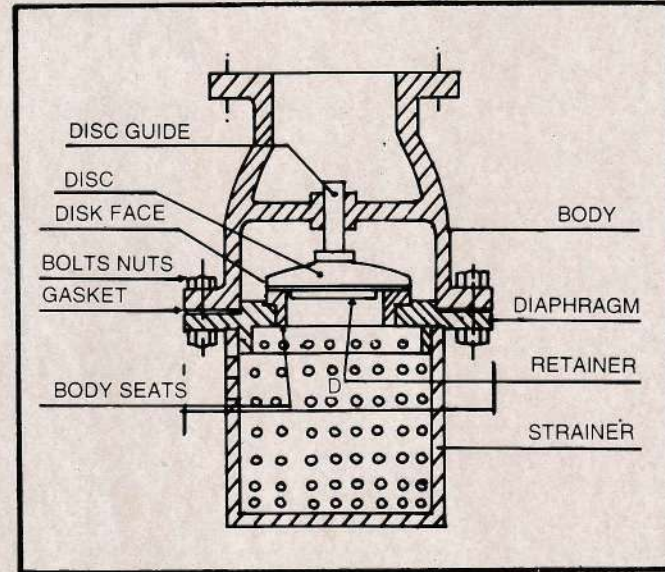
Design of strainers shall be sufficiently robust to resist the normal forces usually comes upon strainer.

The straining area considered 2.5 to 3.0 times the nominal bore area of the pipe with the minimum hole diameter 10 mm.

The shape of the strainer and the hole may be any form circular or rectangular.

## MAXIMUM DIAMETERS OF END OF VALVES

Size mm	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450
Diameter of ends (D) max.	120	140	150	160	220	240	290	340	380	580	625	750	770	870	900



## NAME OF PARTS

Body or Housing, Seat  
Discs and Disc Plates

Strainers

Disc Guide

Disc Faces

Hinge Pin and disc  
Guide

Flange Jointing  
Materials

Bolts & Nuts

## MATERIAL SPECIFICATION

Cast Iron	: IS : 210 Gr. FG 150
Cast Iron	: IS : 210 Gr. FG 150
Galvanised	
Steel	: IS : 277 Class 3
Brass	: IS : 319 & IS : 320
Leather	: IS : 581
Leaded tin	
Bronze	: IS : 318 Gr. LTB 2
Natural	
Rubber	: IS : 5192 Gr. 1 Type B
Seat	
Rubber	: IS : 638 Type A or B
Synthetic	
Rubber	: IS : 7450 Gr. 1
Brass	: IS : 319-1974
Rubber	: IS : 638 Type A or B
Compressed	
Asbestos	: IS : 2712 G and C
Steel	: IS : 1367, CL4, 4. 6

## Test Pressure

Size	Body	Seat
25 mm to 450 mm.	6 KGF/CM <sup>2</sup>	2 KGF/CM <sup>2</sup>



## MINOTI ENGINEERING WORKS

32, BUXARAH ROAD, HOWRAH-711306  
WEST BENGAL, INDIA

Cable : 'MINOTICO' Santragchi

PHONE : Office 68 -6054 686088  
Resi. 68-5557

FAX : 033-686054