

Euro TF Flap Valves

DN80 – 600, non-pressure applications

The Euro TF flap valve is a circular aperture design suitable for use in dirty or sea water applications. Typical installations include outfalls from treatment works and outfalls to rivers or the sea. All Euro TF sizes are double hung to provide added sealing assurance.



Main features

- Tamper-proof austenitic stainless steel hinge pins as standard
- Body and flap manufactured from ductile iron
- Incorporates flap lifting eye to facilitate opening
- Superior welded nickel iron seating face machined to a high quality finish providing excellent seating characteristics
- Lightweight scalloped flange design on sizes DN200 and above provides ease of handling and installation
- Single link design for sizes DN80-250 double link design for sizes DN300-600
- Suitable for use in sea water applications
- Coated in fusion bonded epoxy to BS EN 14901
- Suitable for wall or flange mounting

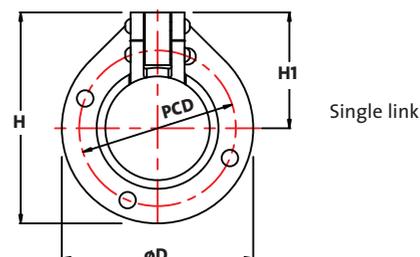
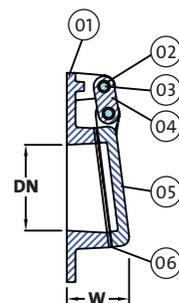
Technical Features

Technical information

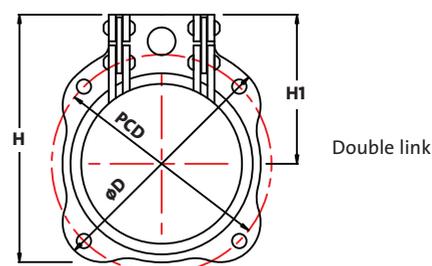
Where the Euro TF may be subjected to severe wave action, consideration should be given to shielding the valve to avoid disturbing the seal. The valve should always be mounted above the shingle line.

Materials

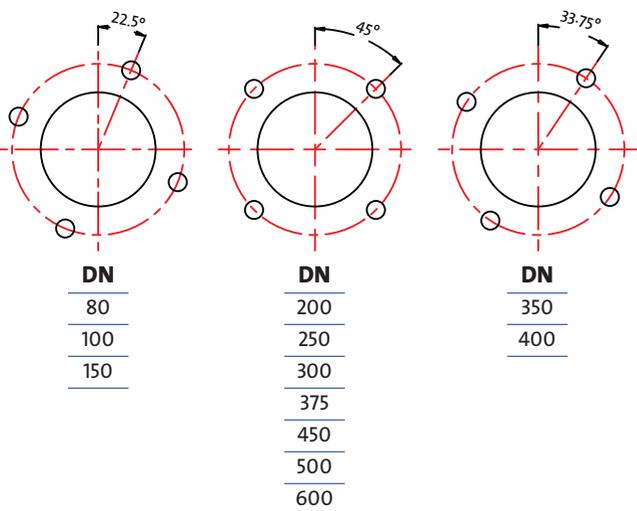
Item	Description	Material	Specification
01	Body	Ductile iron	BS EN 1563 Gr. 500/7
02	Bush	Gunmetal	BS 1400 LG2
03	Hinge pin	Stainless steel	BS EN 10088 1.4310
04	Links	Ductile iron	BS EN 1563 Gr. 500/7
05	Flap	Ductile iron	BS EN 1563 Gr. 500/7
06	Seating face	Nickel iron weld	Ni55Fe45



Single link



Double link



Dimensions

DN	H	H1	D	PCD	W	No. of bolts	Hole diameter	Approx weight (kg)
80	225	125	200	160	68	4	19	4
100	244	134	220	180	72	4	19	6
150	312	170	285	240	81	4	23	11
200	370	210	340	295	77	4	23	16
225	395	229	370	325	74	4	23	20
250	410	233	400	355	75	4	28	23
300	470	280	460	410	83	4	28	25
350	550	321	540	470	94	4	28	33
375	550	321	540	495	94	4	25	33
400	621	331	580	525	95	4	31	44
450	695	375	640	585	100	4	31	53
500	758	400	715	650	103	4	34	62
600	867	447	840	770	110	4	37	78

Dimensions in mm. Weight in kg.

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