



Specification

Nominal size/body angle
80mm / 45°

Inlet connection

Flanged: 8 x 14mm holes equi-spaced on a 178mm PCD

Outlet connection

3" BSP spigot flange with cap

Properties

Cleanflow footvalve, low profile butterfly valve, offset outlet spigot flange, 3" BSP cap

Materials

Seating area: Superseat (alloy 625)

Contact parts: 316 stainless steel

Footvalve main seal: Fortyt

Butterfly valve main seal: PTFE

Cap seal: PTFE

Alternatives are available, please contact Fort Vale

Design Conditions

Weight:	14.4 Kg
Design Pressure (MAWP):	4 Bar
Test Pressure:	7.5 Bar
Design Temperature Min:	-40°C
Design Temperature Max:	200°C

NOTE: The Design Conditions and Section View dimensions are for the specified part number only.

Design Codes

BS EN 14432

BS EN 14433

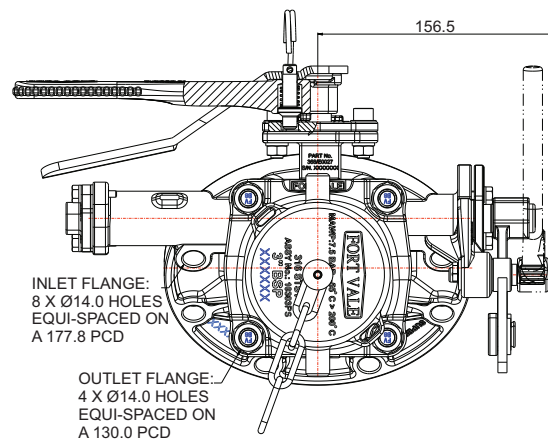
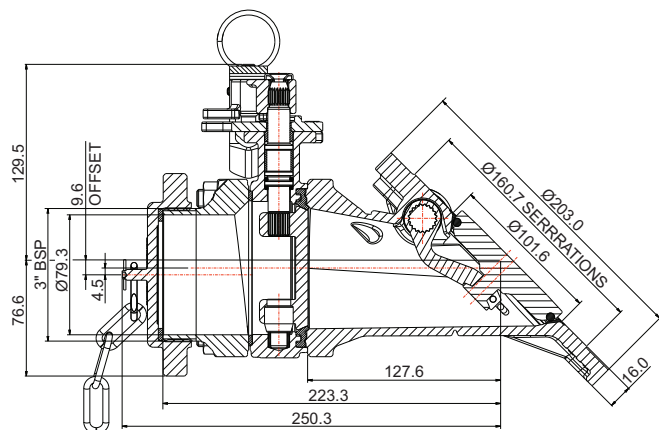
Range

Description	Part No.
Assembly with Superseat footvalve	806/E0057
Assembly with non-Superseat footvalve	806/E0071

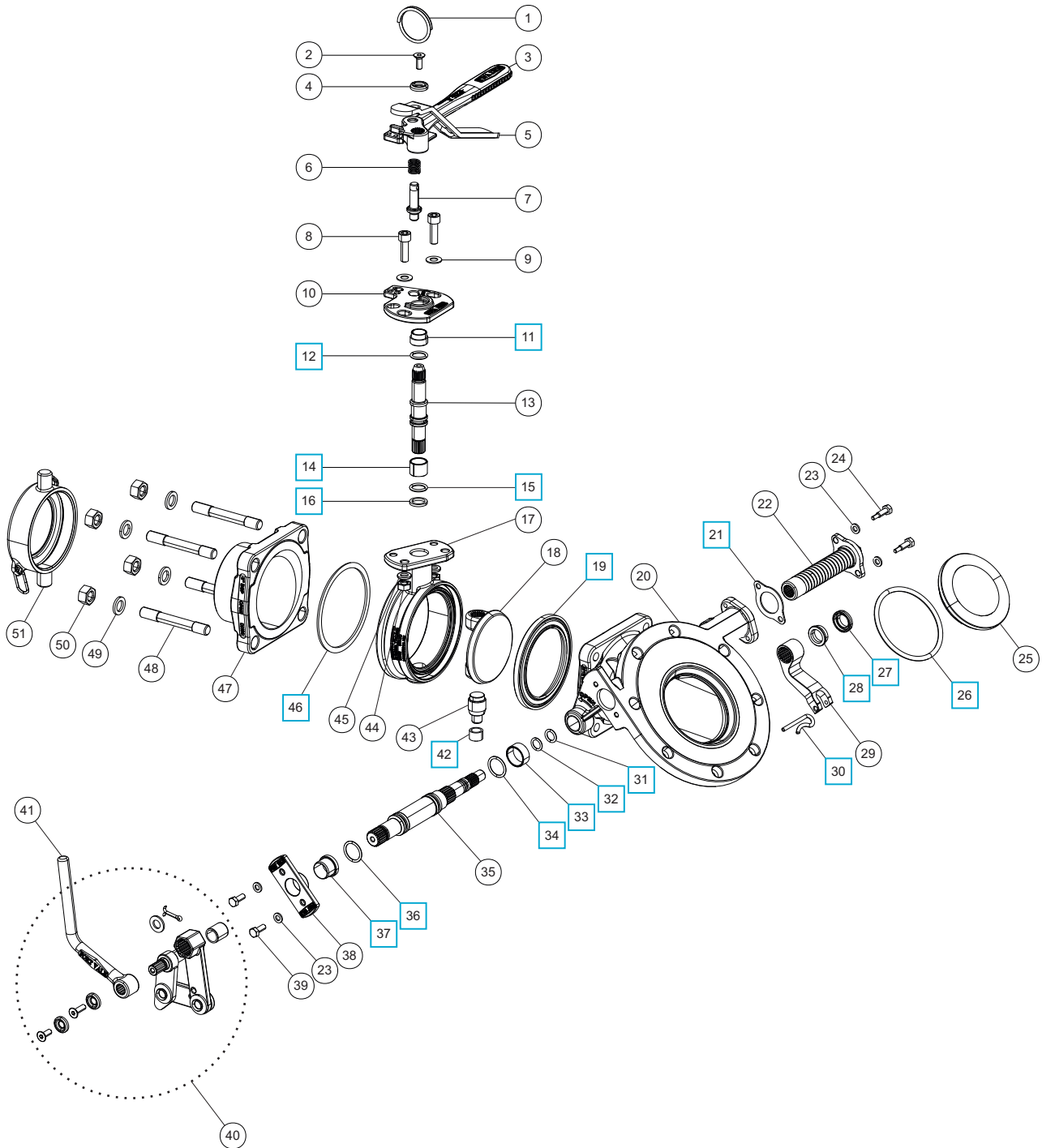
Related Parts

Description	Part No.
Weld-in flange	324/9000
Stud kit	845/2040
CNAF/PTFE inlet gasket	5005-015

Section View



Parts Drawing



Parts List

Item	Description	Part No.
1	Split ring	368/0011
2	M6 countersunk bolt	5111-030
3	Butterfly valve handle	368/A0034
4	Retaining washer (2)	20370
5	Butterfly handle lever	368/9837
6	Butterfly handle spring	368/0012
7	Butterfly handle location pin	368/0010
8	M8 capscrew (2)	5111-148
9	M8 plain washer (2)	5113-005
10	Stuffing clamp	368/A0035C
11	PTFE stuffing clamp bush	368/0301 
12	PTFE O ring	20363 
13	Spindle	368/0201
14	Split bearing	252/0517 
15	Viton O ring	20361 
16	PTFE spindle seat	368/0009 
17	Butterfly valve body	368/A0047
18	Butterfly closure plate	368/0400
19	Butterfly main seal	368/0002 
20	Footvalve body	845/A0042
21	Spring housing gasket	5005-845 
22	Spring assembly	845/0050
23	M6 spring washer (4)	5113-008
24	M6 hex bolt (2)	845/0017
25	Poppet	845/0040
26	Fortyt O ring	5005-104 
27	Bush seal	845/0064 
28	Seal energizer	845/0063 
29	Lifting fork	845/0010
30	Retaining pin	845/0015 
31	Perfluoroelastomer O ring	10133PHT 
32	PTFE O ring	5005-008 
33	Spindle bearing	845/0062 
34	Perfluoroelastomer O ring	5005-384 
35	Spindle *Note	845/0200
36	Viton O ring	5005-336 
37	Stuffing seal	845/0061 
38	Stuffing clamp flange	845/0016
39	M6 x 16mm hex bolt (2)	5111-022
40	Handle linkage assembly	324/8910
41	Handle *Refer to Handle Options Table	
42	Butterfly bottom bush	368/0035 
43	Butterfly bottom spindle	368/0036
44	M8 full nut (2)	5112-001
45	M8 spring washer (2)	5113-003
46	PTFE ring gasket	6005-1010912501 

Parts List

Item	Description	Part No.
47	3" BSP offset outlet	113/0170
48	M12 x 92mm stud (4)	112/0073
49	M12 plain washer (4)	5113-010
50	M12 full nut (4)	5112-006
51	3" BSP blank cap, PTFE, chain	10303PS

Seal Kits

Description	Part No.
Seal kit for 845/E0029 footvalve: All parts marked  in the Parts List	845/00SK
Seal kit for 368/E0027 butterfly valve: All parts marked  in the Parts List	368/E27SK
Seal kit for complete assembly 806/E0057: 806/E0057SK All parts marked  &  in the Parts List	

Footvalve Handle Options

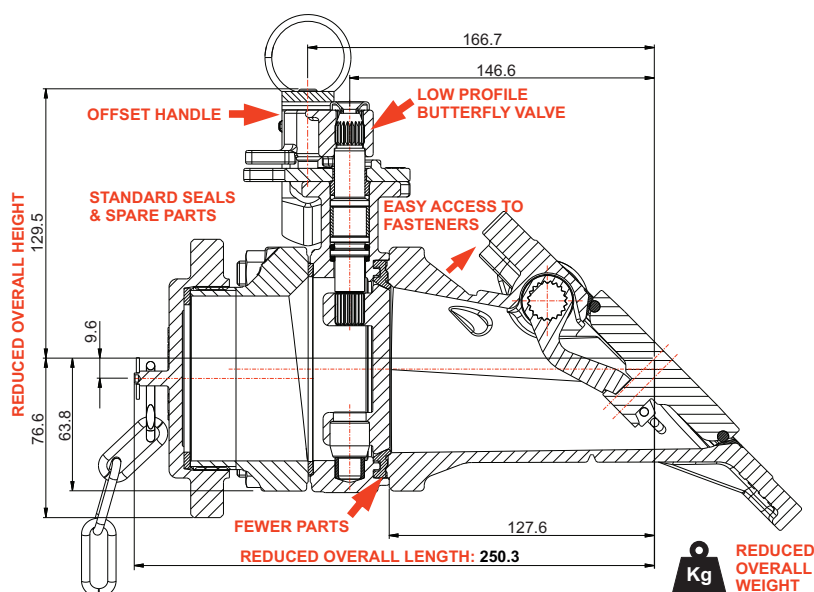
Specification	Type	Part No.
Std. Cleanflow handle		324/8670
Cranked Cleanflow handle		324/8671
Std. Highlift handle		330/5010

NOTE: We can supply the spindle with the seals installed. Part no. **845/0200S** includes item 27, 28, 31, 32, 33, 34, 35, 36, 37.

Features & Benefits

- Reduced overall weight (3.3 Kg), compared with a standard assembly, gives you more payload.
- Reduced overall length (11mm), compared to a standard assembly, allows increased tank capacity and payload.
- Outlet flange raised by approx. 5mm gives improved clearance with tank frame.
- Low profile butterfly valve with offset handle gives more clearance to operate the valve.
- Fewer parts and consumables between the footvalve outlet and butterfly valve reduces M&R costs.
- Reduced size and PCD of footvalve outlet and BSP spigot flanges improves access to fasteners.
- Standard seals and spare parts, already available worldwide from Fort Vale and authorised agents.

New Compact-3 Composite Cleanflow Assembly: Part No. 806/E0057



Standard Composite Assembly: Part No. 806/0055A

