



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

Highlift 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:	13.7 Kg
Design Pressure (MAWP):	4 Bar
Test Pressure:	7.3 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

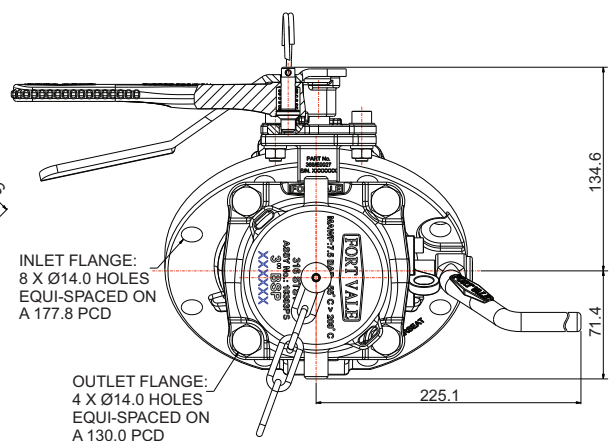
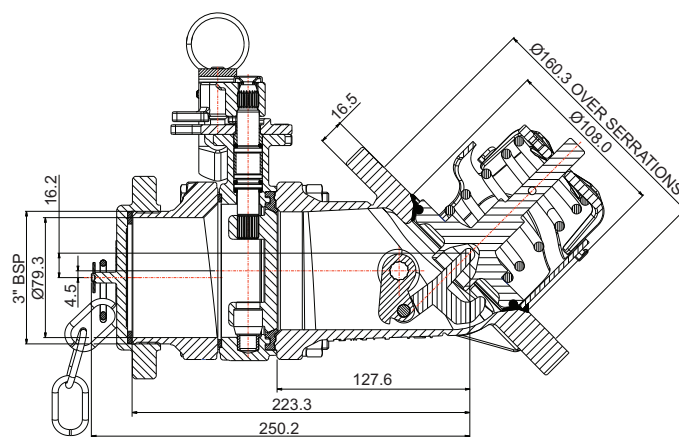
Range

Description	Part No.
Assembly with Superseat footvalve	804/E0040
Assembly with non-Superseat footvalve	804/E0054

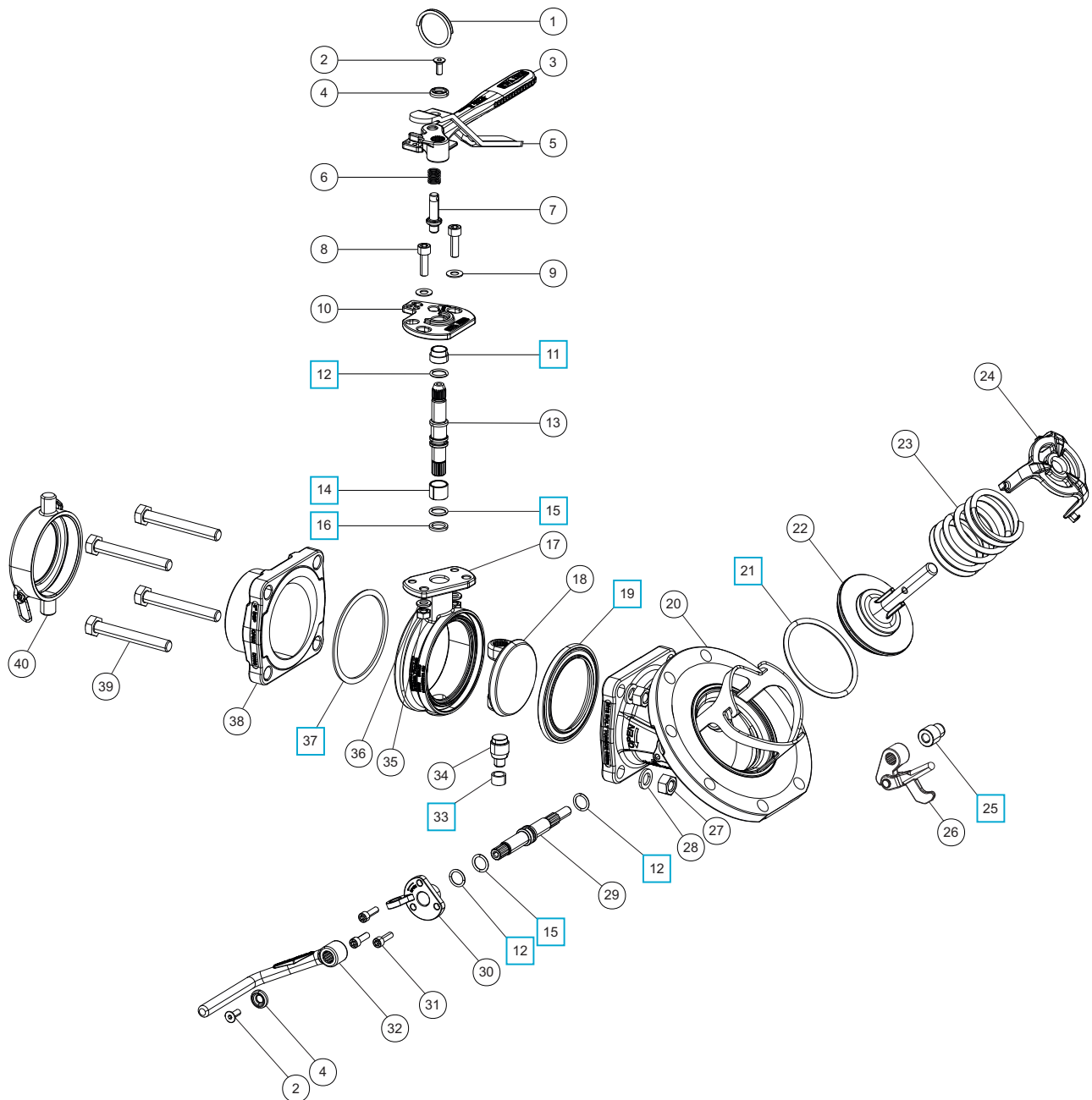
Related Parts

Description	Part No.
Weld-in flange	324/9000
Stud kit	324/2070
CNAF/PTFE inlet gasket	5005-015
Valve operation decal	326/0302

Section View



Parts Drawing



Parts List

Item	Description	Part No.
1	Split ring	368/0011
2	M6 countersunk bolt (2)	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 (3)	20363 ■ □
13	Spindle	368/0201
14	Split bearing	252/0517 ■
15	Viton O ring (2)	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	826/A0003
21	Footvalve Fortyt poppet O ring	5005-104 □
22	Poppet	324/2020
23	Spring	5104-971
24	Spring top plate	290/6104
25	PTFE crankshaft end bush	20362 □
26	Crank block & lifting finger	821/0300
27	M12 full nut (4)	5112-006
28	M12 spring washer (4)	5113-010
29	Spindle	821/0010
30	Stuffing clamp	324/1001
31	M6 cap screw (3)	5111-017
32	Footvalve handle	330/5010
33	Butterfly bottom bush	368/0035 ■
34	Butterfly bottom spindle	368/0036
35	M8 full nut (2)	5112-001
36	M8 spring washer (2)	5113-003
37	PTFE ring gasket	6005-1010912501 ■
38	3" BSP offset outlet	113/0170
39	M12 x 90 bolt (4)	5111-238
40	3" BSP blank cap, PTFE, chain	10303PS

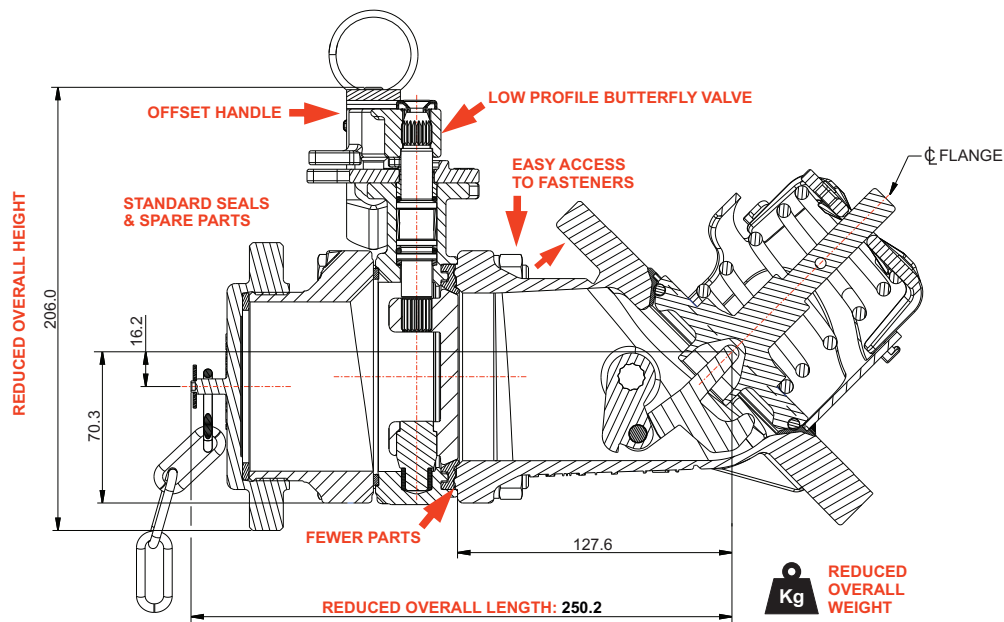
Seal Kits

Description	Part No.
Seal kit for 826/E0006 footvalve: All parts marked □ in the Parts List	826/00SK
Seal kit for 368/E0027 butterfly valve: All parts marked ■ in the Parts List	368/E27SK
Seal kit for complete assembly 804/E0040: 804/E0040SK All parts marked □ & ■ in the Parts List	

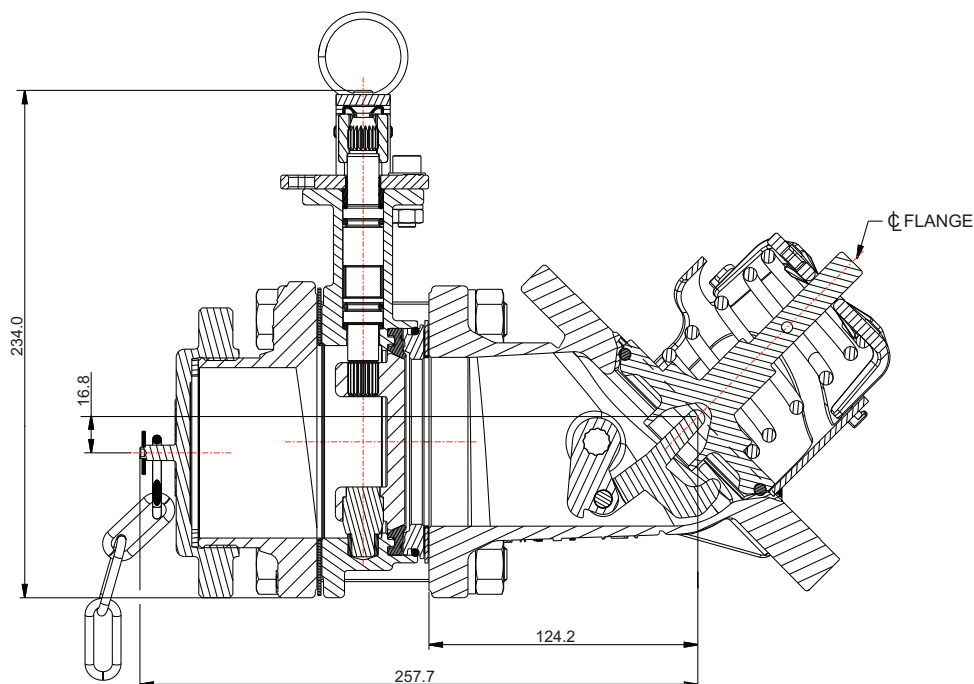
Features & Benefits

- Reduced overall weight (3.1 Kg), compared with a standard assembly, gives you more payload.
- Reduced overall length (7.5mm), compared to a standard assembly, allows increased tank capacity and payload.
- 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 Highlift Assembly: Part No. 804/E0040 (Superseat)



Standard Composite Assembly: Part No. 804/0010A





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

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

Materials

Footvalve body: CF3M
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:	13.8 Kg
Design Pressure (MAWP):	4 Bar
Test Pressure:	7.3 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

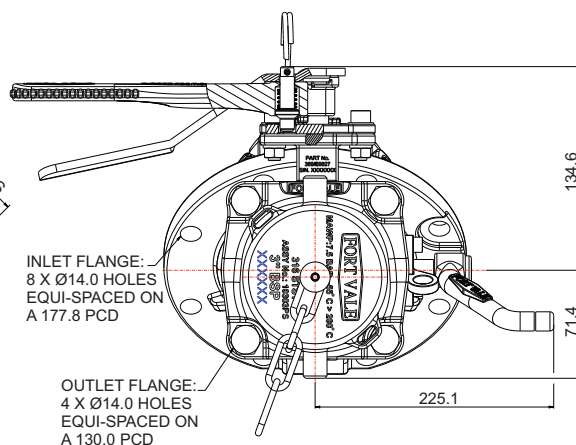
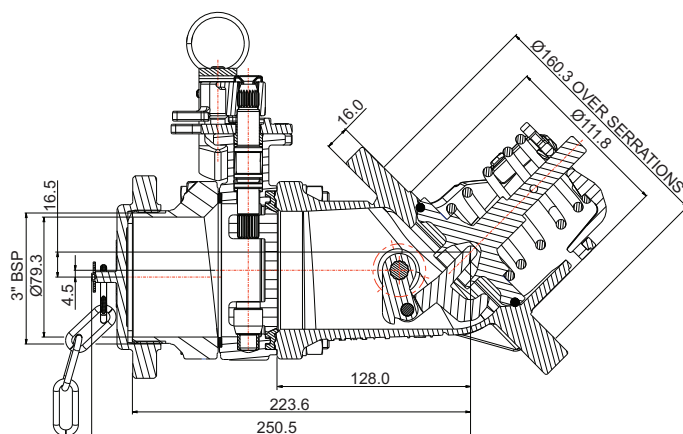
Range

Description	Part No.
Assembly with non-Superseat footvalve	804/E0054
Assembly with Superseat footvalve	804/E0040

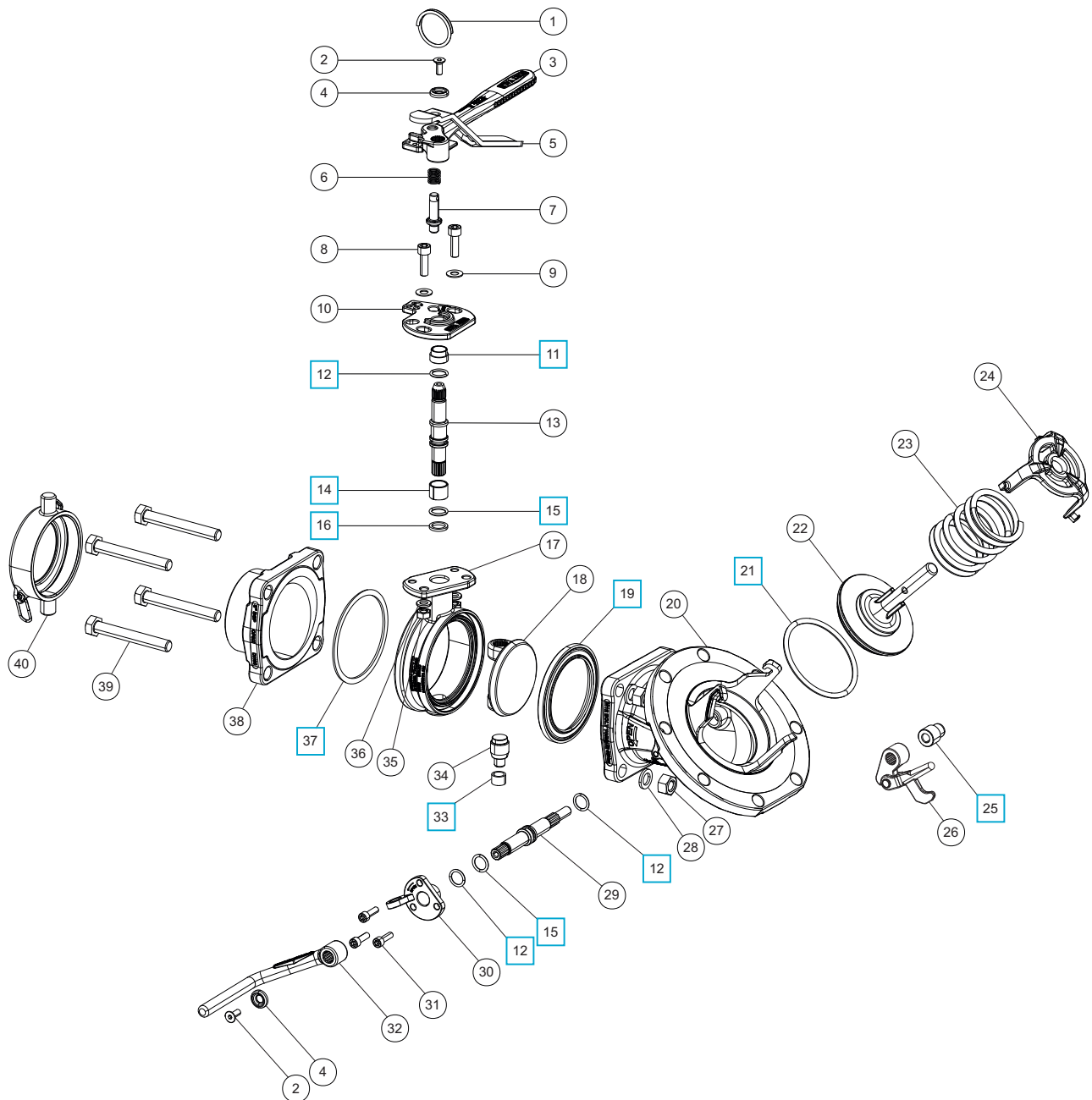
Related Parts

Description	Part No.
Weld-in flange	324/9000
Stud kit	324/2070
CNAF/PTFE inlet gasket	5005-015
Valve operation decal	326/0302

Section View



Parts Drawing



Parts List

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9	M8 plain washer (2)	5113-005
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11	PTFE stuffing clamp bush	368/0301 ■
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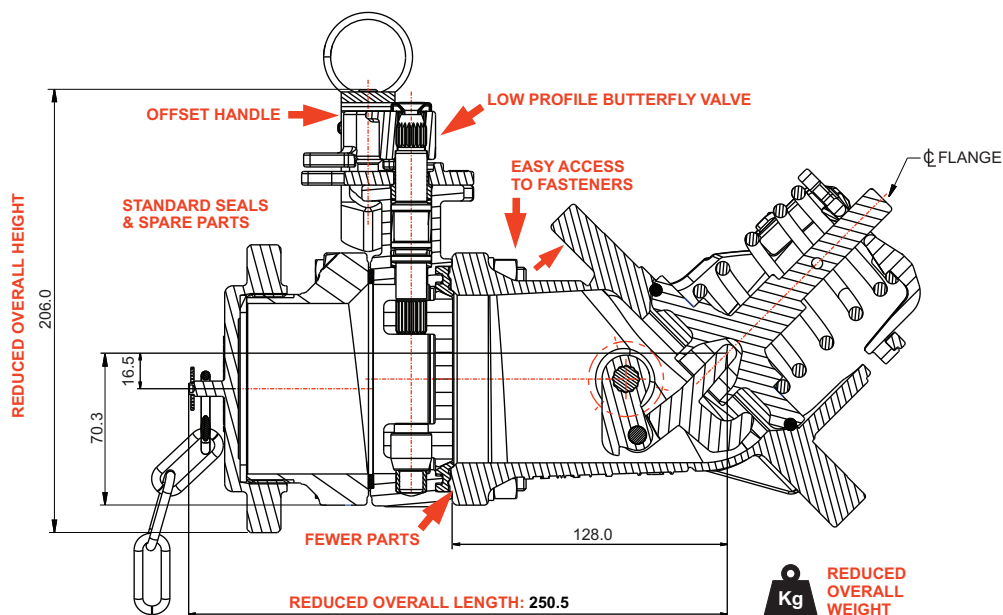
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Seal kit for 368/E0027 butterfly valve: All parts marked ■ in the Parts List	368/E27SK
Seal kit for complete assembly 804/E0040: 804/E0054SK All parts marked □ & ■ in the Parts List	

Features & Benefits

- Reduced overall weight (3 Kg), compared with a standard assembly, gives you more payload.
- Reduced overall length (7.2mm), compared to a standard assembly, allows increased tank capacity and payload.
- 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 Highlift Assembly: Part No. 804/E0054



Standard Composite Assembly: Part No. 804/0010A

