



Specification

Nominal size

DN500

Cover

8 point with a fill pipe flange assembly & a breather vent assembly with sintered disc and low-leak cap with secondary sintered disc

Neckring/compensating ring

Thickness: 8mm

Tank radius profiling range: 950mm to 1260mm

Materials

Contact parts: 316 stainless steel

Fasteners: stainless steel swingbolts and handnuts

Fill pipe gasket & breather vent seals: PTFE

Manlid cover seal: supplied separately

Alternatives are available, refer to Fort Vale

Design Conditions

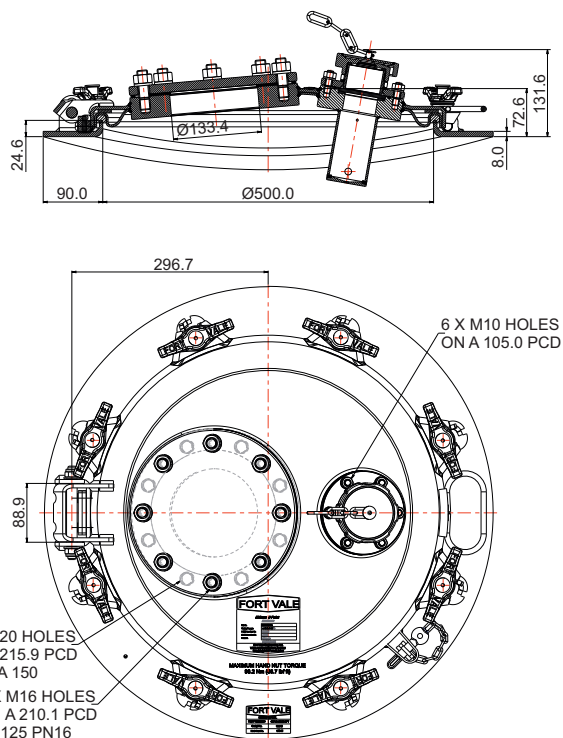
Weight:	57.8 Kg
Design Pressure (MAWP):	4 Bar
Test Pressure:	6 Bar
Design Temperature Min:	-40°C
Design Temperature Max:	200°C

NOTE: The Design Temperature limits refer to metal parts only. The Design Conditions and Section View dimensions are for the specified part number only.

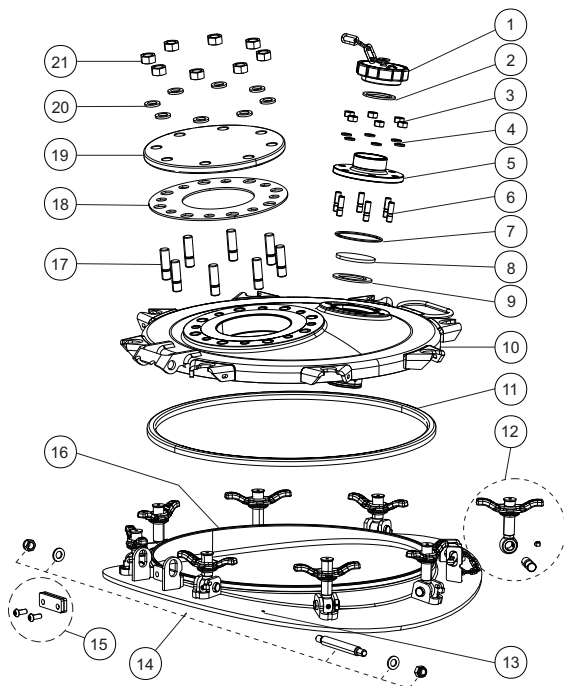
Design Codes

BS EN 14025

Section View



Parts Drawing



Parts List

Item	Description	Part No.
1	Breather cap assembly	674/3040
2	Breather cap seal	5005-414
3	M10 full nut (6)	5112-002
4	M10 spring washer (6)	5113-002
5	2" BSP outlet	674/3546
6	M10 x 35mm stud (6)	371/0001
7	PTFE O ring	5005-235
8	Sintered disc	865/2000
9	PTFE gasket	5005-435
10	Manlid cover	74E/0550T
11	Seal (not included) *Note	5005-XXXX
12	Short swingbolt assy. (4) Long swingbolt assy. (4) *Note	496/5250 496/5XXX
13	M6 set screw	5111-009
14	Hinge pin assembly	600/1060
15	Hinge kit *Note	135B
16	Neckring *Note	6EP/7403XXXPT
17	M16 x 60mm stud (8)	368/1109
18	PTFE fill flange gasket	5005-411
19	Blind flange	674/5051
20	M16 spring washer (8)	5113-012
21	M16 full nut (8)	5112-003

NOTE: The specification changes the Part No.