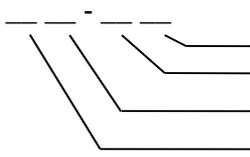
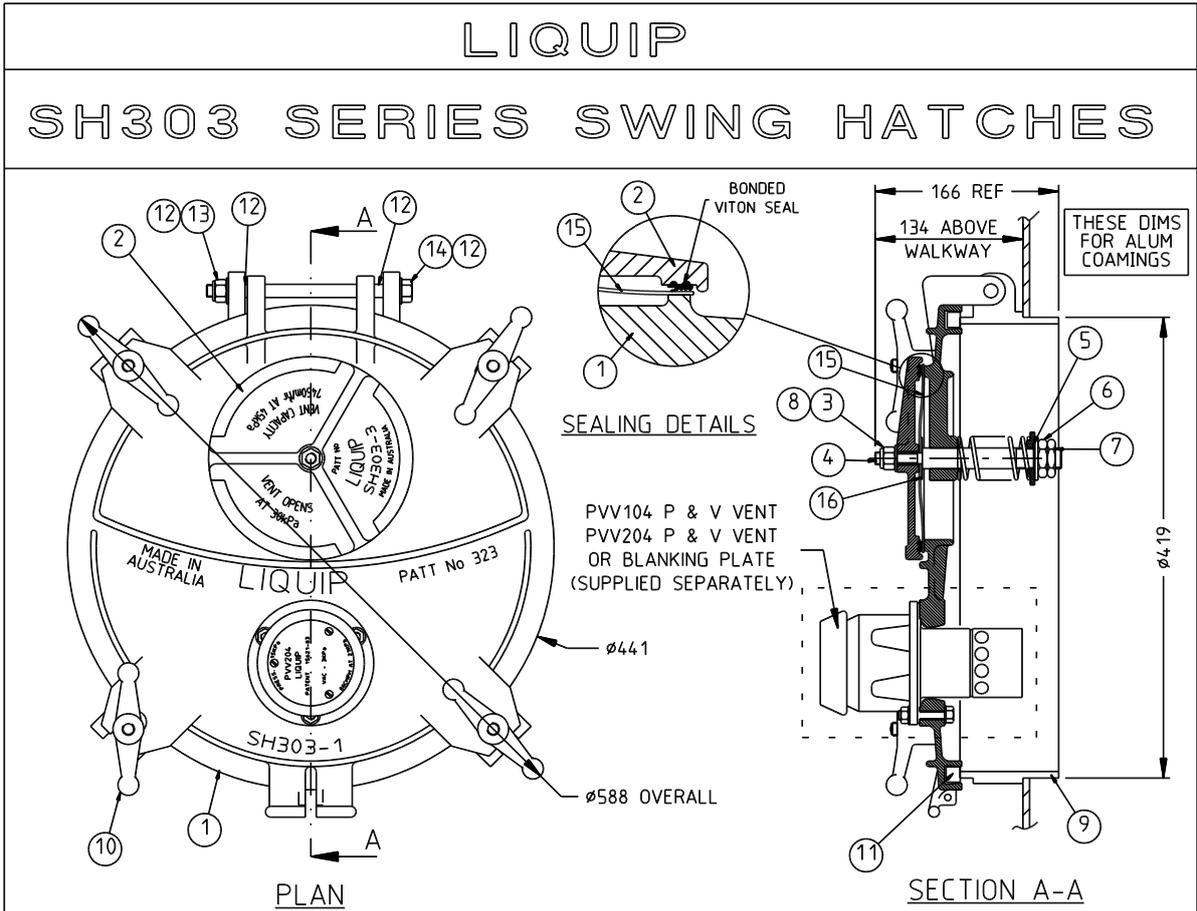


Chemical Swing Hatch

DATA SHEET**PART N°: SH303 Series**

TITLE:	Hatch for top of tanker allowing access to compartments
PURPOSE:	This manhole is for tankers that carry dangerous goods where frequent entry is required, such as for cleaning when changing loads. Manhole complies with UK and USA requirements and drop test approved in Australia. SH303 hatches include an integral emergency vent and has a mounting boss for a pressure vacuum vent.
OPERATION:	Wingnut type clamps are undone (ones closest to hinge first) then cover swings open for access to compartment.
DISMANTLE:	Not recommended
ADJUSTMENT:	None required
MATERIALS:	Cover - Aluminium Coaming - Aluminium, mild steel or stainless steel Seals – Buna Nitrile, Viton A or Teflon
WEIGHT:	12.6kg
VARIANTS:	SH303 -  - Vent seal, Viton (V) or Teflon (T) Main seal - Buna (B), Viton (V) Coaming - Aluminium (A), M/S (M) or S/S (S) Cover - Aluminium (A)
TECHNICAL DATA:	Emergency vent opens at 30kPa Capacity 7450m ³ /hr at 45kPa
ASSOCIATED EQUIPMENT:	SH301 Series hatches SH302 Series hatches SH304 Series hatches

Overall dimensions shown on the drawing overleaf.



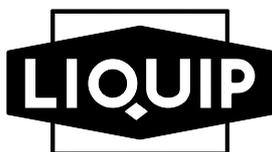
ITEM	PART NO	DESCRIPTION								MATERIAL
			AA-AA-E0EHS							
1	SH303-1	HATCH COVER	1	1	1	1	1	1	1	CAST ALUM
2	SH303-3	EMERGENCY VENT POPPET C/W BONDED VITON SEAL	1	1	1	1	1	1	1	CAST ALUM
3	0797	NUT NYLOC HALF	1	1	1	1	1	1	1	ST STEEL
4	SH303-7	EMERGENCY VENT SPINDLE	1	1	1	1	1	1	1	ST STEEL
5	4413	SPRING EMERGENCY VENT	1	1	1	1	1	1	1	ST STEEL
6	SH303-4	SPRING RETAINER	1	1	1	1	1	1	1	ST STEEL
7	4384	HALF NUT	2	2	2	2	2	2	2	ST STEEL
8	0812	WASHER FLAT	1	1	1	1	1	1	1	ST STEEL
9	SH301-2Y	COAMING SUB-ASSY	1	1	1					CAST ALUM
	SH302-2MY	COAMING SUB-ASSY (NOT SHOWN)				1	1			MILD STEEL
	SH301-2SY	COAMING SUB-ASSY (NOT SHOWN)						1	1	ST STEEL
10	SH301-4	TEE HANDLE	4	4	4	4	4	4	4	SG IRON
11	0242	HATCH SEAL	1		1		1		1	VITON
	0241	HATCH SEAL		1		1		1		NITRILE
12	5266	WASHER FLAT	4	4	4	4	4	4	4	Z/P STEEL
13	6001	NUT NYLOC	1	1	1	1	1	1	1	Z/P STEEL
14	6488	BOLT HEX HEAD	1	1	1	1	1	1	1	Z/P STEEL
15	4608	SEALING DISC EXPANDED TEFLON	1							TEFLON
16	5307	WASHER FLAT	1							ST STEEL

THESE ITEMS MAKE UP SH303-1Y

X1101297

Issue: F

METERS - VALVES - VENTS - MANHOLES - PUMPS - HOSEREELS - OVERFILL PROTECTION - LOADING ARMS - ELECTRONIC DIPSTICKS



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