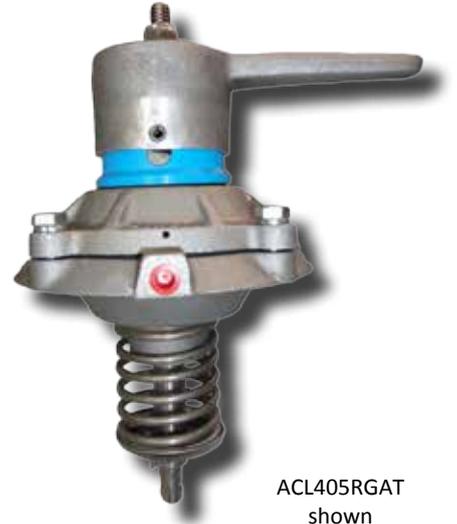


ACL405RGAT Air-Operated Camlift Operator

The ACL series provides a “quick action” lifting mechanism for opening the internal valve of a tanker from a pneumatic control box.

Developed with stainless steel and teflon components for use with petroleum and/or chemical based products.

The superior design encompasses an industry first unique guard for added operator safety. The ACL series camlift operators also contain a bush/bearing and o-ring to seal in the event of a tanker rollover.



ACL405RGAT shown

Ordering Information

- **ACL405RGAT** - Aluminium handle / body, PTFE seals & stainless steel fasteners.
- **ACL405RGATS** - Aluminium handle, Stainless Steel body, PTFE seals & stainless steel fasteners.

Associated Equipment

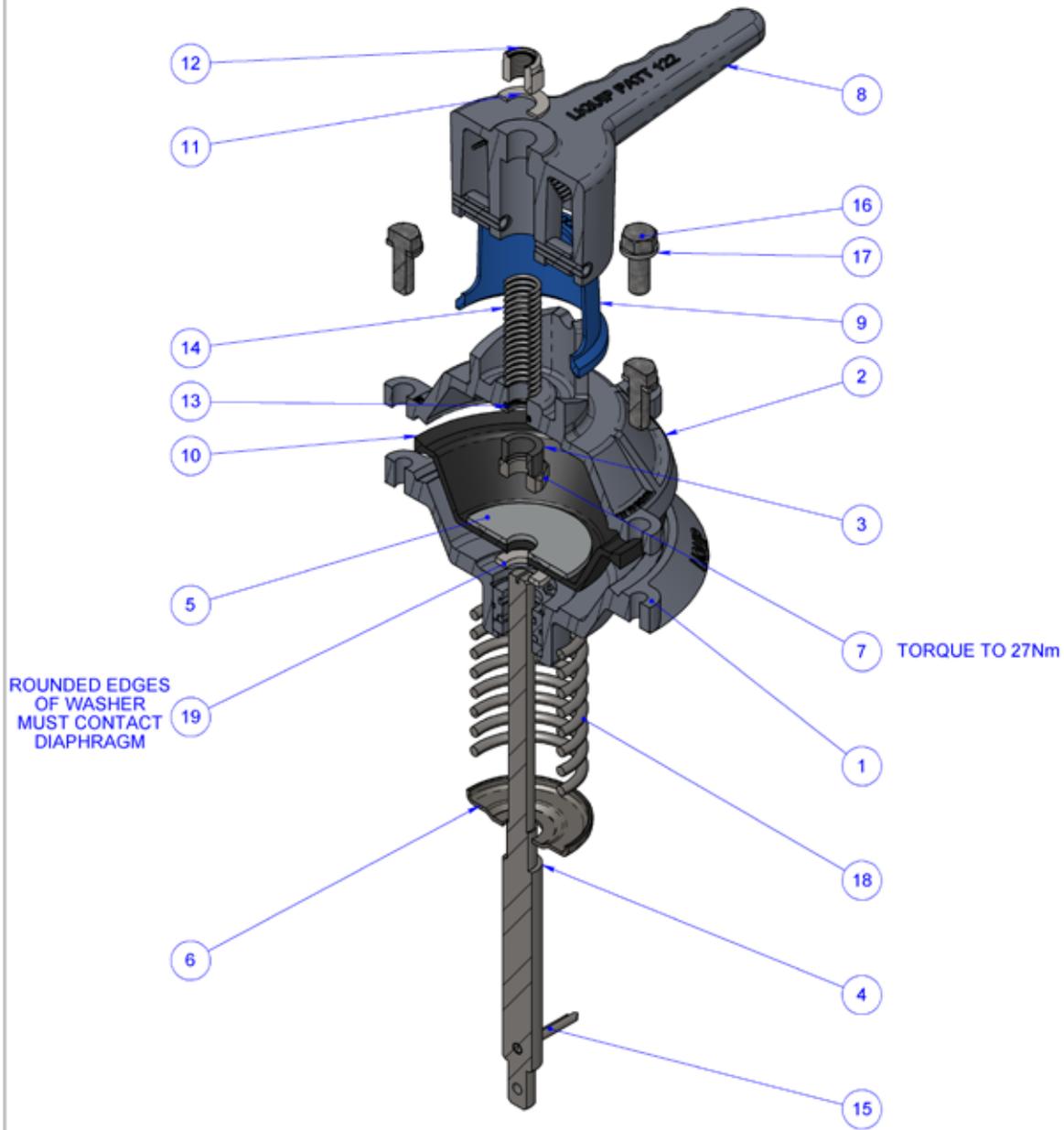
- Lifting wire kit LW410
- All Liquip foot valves (Internal Valves)
- Mounting flanges ACL405-11A (Aluminium)

Specifications

OPERATION	<ul style="list-style-type: none"> ◆ Switch air pressure to the inlet of the camlift by a control box or push/pull valve. ◆ To manually open, rotate the handle 90° clockwise until the handle is in the upper locked position. ◆ To manually close, rotate the handle 90° anti clockwise. A Spring return on the camlift ensures the valve spring can operate unimpeded.
DISMANTLE	<ul style="list-style-type: none"> ◆ Do not attempt to dismantle unless you can prevent the shaft falling into the tanker. ◆ Remove the handle by first removing the nut and washer (a slot is provided in the shaft for a screwdriver). Then carefully remove the shaft via the bottom of the diaphragm housing.
ADJUSTMENT	Top nut and washer must always be set to 2-3 mm clear of the handle when in the rest position.
MATERIALS	<ul style="list-style-type: none"> ◆ Body available in Stainless Steel or Aluminium. ◆ Aluminium handle. ◆ Stainless steel spindle. ◆ PTFE bush. ◆ Nylon guard.
LIFT	38mm
OPERATING AIR PRESSURE	Up to 9,00kPa (9 bar)
THRUST	2,500N (550lb)
STROKE	40mm
AIR FITTING	1/8" BSP
WEIGHT	1.68kg

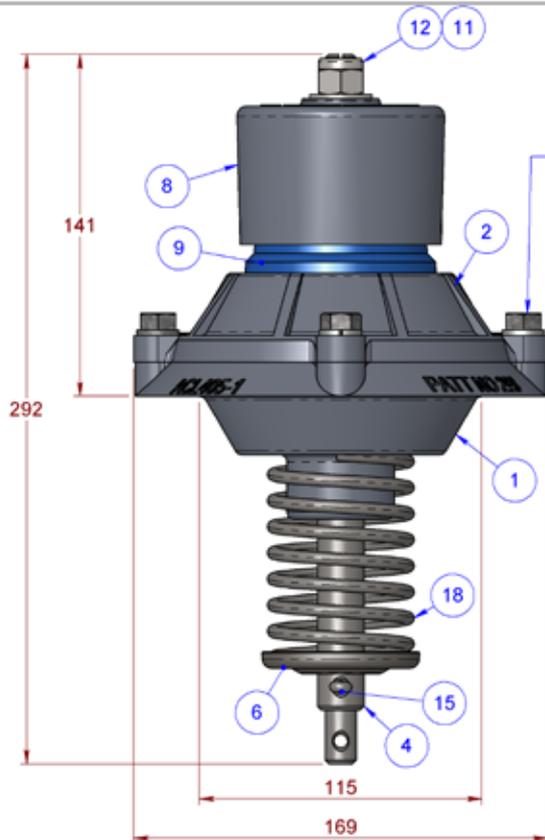
Overall dimensions shown on the drawing overleaf.

ACL405RGAT AIR OPERATED CAMLIFT

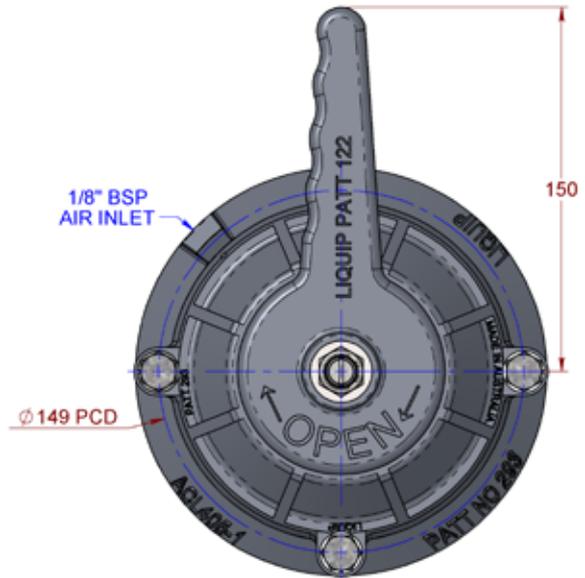


METERS - VALVES - VENTS - MANHOLES - HOSEREELS - OVERFILL PROTECTION - LOADING ARMS - ELECTRONIC DIPSTICKS

ACL405RGAT AIR OPERATED CAMLIFT

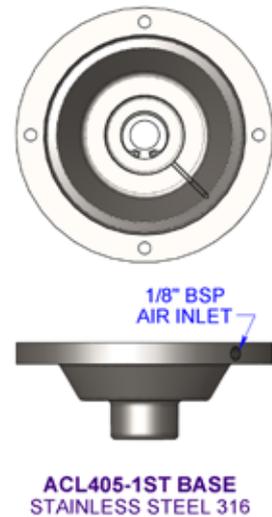


BOLT AND WASHER SUPPLIED FOR TRANSPORTATION ONLY. MOUNTING EQUIPMENT SUPPLIED SEPARATELY, SEE MOUNTING INSTRUCTIONS OVERLEAF.



20	40444	INSTRUCTION LEAFLET	1	1	PAPER
19	5364	WASHER FLAT	1	1	Z/P STEEL
18	0917	SPRING	1	1	ST STEEL
17	0109	WASHER SPRING	4	4	Z/P STEEL
16	0021	SETSCREW HEX HD	4	4	Z/P STEEL
15	0777	SPLIT PIN	1	1	ST STEEL
14	0915	SPRING	1	1	SPRING STEEL
13	0224	O-RING	1	1	NITRILE
12	0152	NUT NYLOC	1	1	Z/P STEEL
11	0104	WASHER	1	1	Z/P STEEL
10	0246	DIAPHRAGM	1	1	RUBBER
9	CL402-3	GUARD	1	1	NYLON
8	CL401-1R	HANDLE	1	1	ALUMINIUM
7	ACL404-9	NUT - HALF	1	1	Z/P STEEL
6	ACL404-6S	SPRING RETAINER	1	1	ST STEEL
5	ACL404-4	TOP PLATE	1	1	ALUMINIUM
4	ACL404-3AT	SPINDLE S/S	1	1	ST STEEL
3	ACL405-13	TRAVEL LIMITER	1	1	ACETAL
2	ACL405-2	TOP BODY AIR CAMLIFT	1	1	ALUMINIUM
1	ACL405-1ST	BASE AIR OPERATED CAMLIFT	-	1	ST STEEL
	ACL405-1AT	BASE AIR OPERATED CAMLIFT	1	-	ALUMINIUM
ITEM	PART No.	DESCRIPTION	ACL405RGAT	ACL405RGATS	MATERIAL

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

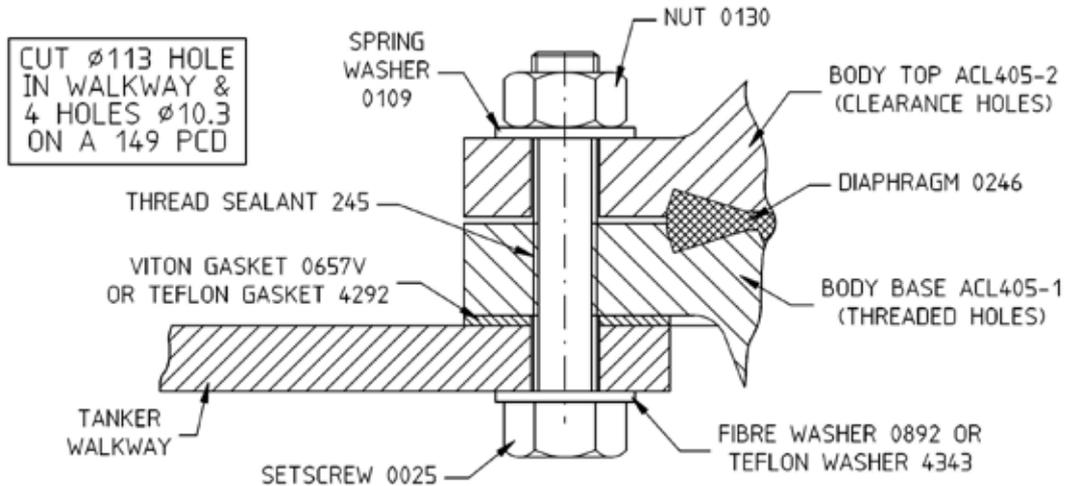


ACL405-1ST BASE
STAINLESS STEEL 316

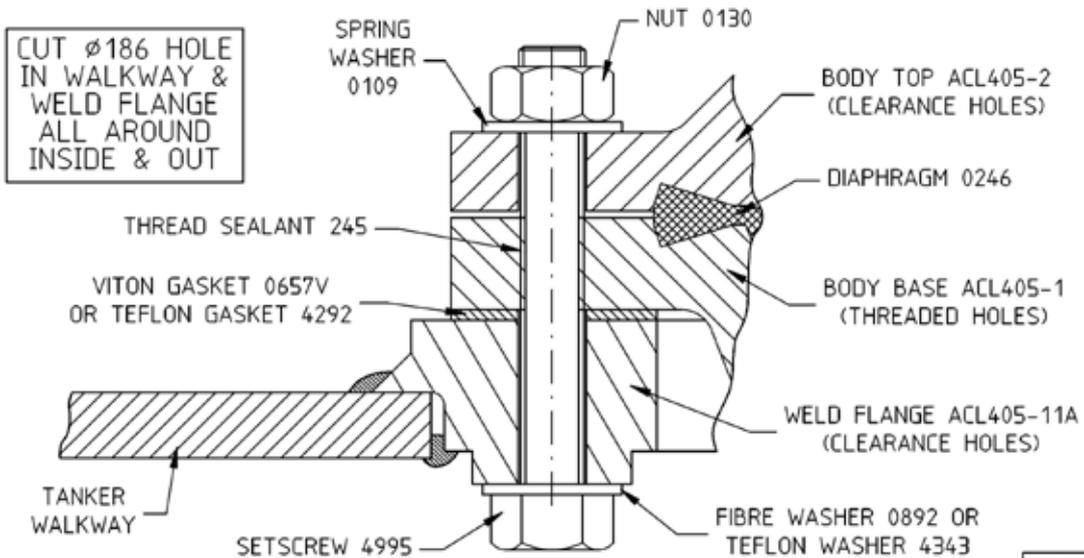
LIQUIP

P7261 - ACL405RGAT MOUNTING

BODY BASE ACL405-1 HAS THREADED HOLES SO THAT WHEN MOUNTED AS SHOWN BELOW, THE SETSCREWS SECURE THE BASE OF THE BODY TO THE WALKWAY AND THE NUT HOLDS TOP HALF OF THE BODY TO THE BASE. THIS ALLOWS MAINTENANCE WITHOUT REMOVING THE ENTIRE ASSEMBLY



DIRECT MOUNT ACL405RGAT



WELD FLANGE MOUNTED ACL405RGAT

P7261

Issue: B

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