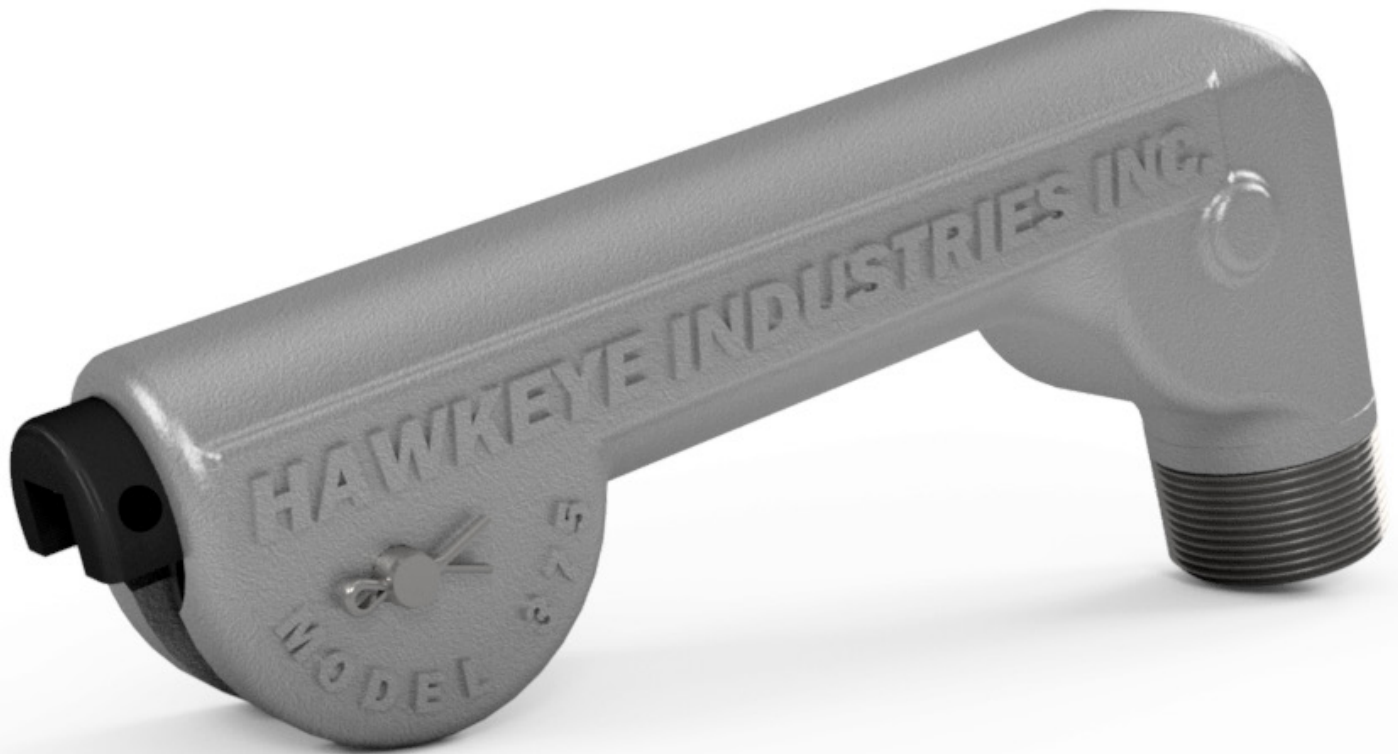


LEVEL INDICATION | LOW PROFILE GAUGE HEADS

MODEL 375 & 375LS GAUGE HEAD



Features

- Low Profile, Compact Design ideal for Rental Tanks.
- Optionally available with patented energised Liquid Seal for a Zero-Emission solution.
- Close Cable Tolerances for trouble-free operation.
- Has both 1-1/2 MNPT and 3/4 FNPT Connections.



FEATURES

Low Profile

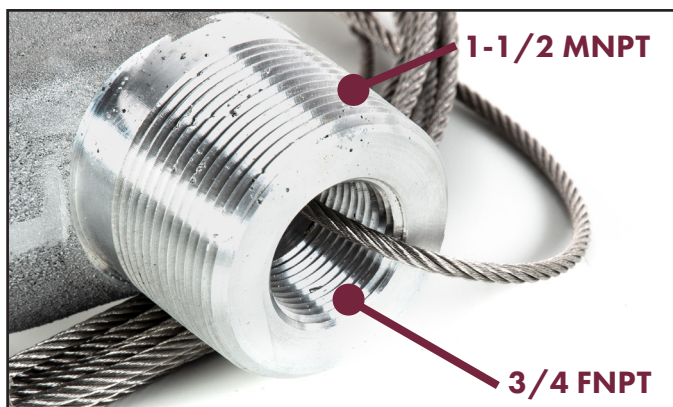
- Under 5" high when installed.
- Sits below most tank roof peaks.
- Reduces transport damage.

Optional Patented Energised Liquid Seal

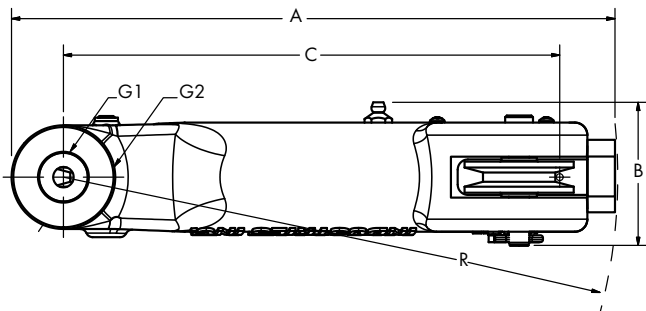
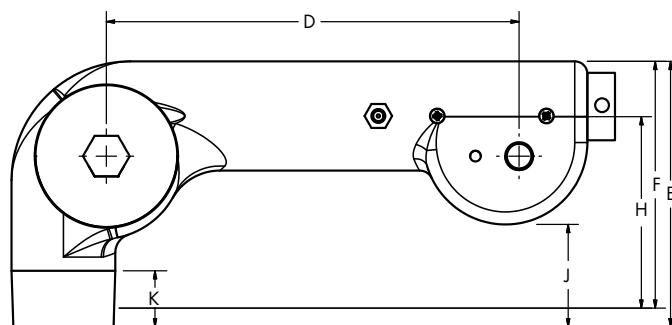
- The energised Liquid Seal of the Model 375LS fills the cable with sealing grease, denying even small amounts of gas to escape along cable.
- Integrated seal and wiper design recovers grease from the cable, ensuring long periods between replenishment.
- Grease top-up easy with integrated 1/8" zerk.
- Maintains seal 5 - 10 times longer than similar grease-seal competitors.
- Protected by patents US 8,833,158 and CAN 2,734,915

Two Connections in One

- Gauge Head has both 1-1/2 male NPT connections for new build tanks, and 3/4 female NPT to retrofit on existing tanks.



DIMENSIONS



Dimension	Model 375LS
A Overall Length	11.1
B Overall Width	2.6
C Cable Span	9.1
D Pulley Span	7.6
E Overall Height	3.9
F Handtight to top	4.5
G1 Connection Size 1	3/4 FNPT
G2 Connection Size 2	1-1/2 MNPT
H Cable Exit Height	3.5
J Clearance	1.9
K Thread Extent	1.0
R Installation Radius	10.1
Weight	3 lb

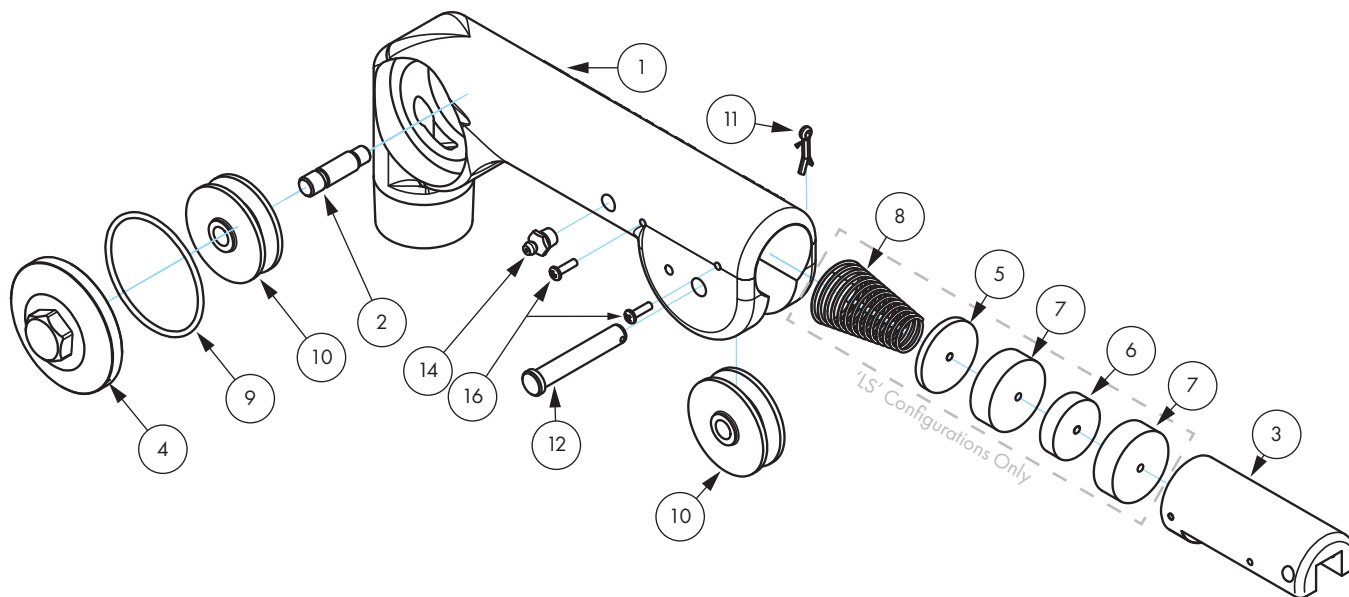
OPERATING SPECIFICATIONS

Measuring Principle	Mechanical (Float)
Maximum Range	24 m [80 ft]
Local Display	Tank Mounted Gauge Board & Indicator
Process Connection	1-1/2 MNPT and 3/4 FNPT
Process Temperature	- 40 °C to 60 °C (w/ LLDPE Float)
Ambient Temperature	- 40 °C to 70 °C (w/ LLDPE Float)
Operating Pressure†	0.15 bar [2 psi]

†Applies to Model 375LS variant only.



PARTS LIST & MATERIALS OF CONSTRUCTION



Item	Part Name	Material
1	Body	Cast Aluminum
2	Pulley Axle, Sealed Side	SS316
3	Pulley Guide / Cartridge Cap	Nylatron
4	Pressure Cover with Hex Drive	Al6061
5	Gasket Retainer	Nylatron
6	Spacer	Nylatron
7	Gasket	eFKM (Sponge Viton)
8	Energising Spring	302SS
9	Cover Seal	FKM (Viton)
10	Pulley	Nylatron
11	Cotter Pin	316 SS
12	Clevis Pin	316 SS
14	Grease Zerk	316SS
16	Cartridge Screw	316 SS

PACKAGING

Model 375 Gauge Heads are shipped ready to install. Gauge Heads are boxed individually and include installation instructions. If a Float Cable Assembly has been ordered along side the gauge head, it will be included in the box. Model 375LS gauge heads ship with the Float Cable Assembly already installed in the gauge head. Package dimensions are 17" x 12" x 2.75" with shipping weight of 4 lb.

TOP ROLLER BRACKET

When retrofitting a Model 375 or 375LS Gauge Head onto an existing tank, or installing it outside of using a complete Hawkeye Level Indication system, the use of a Top Roller Bracket (EIWA-0030) to help guide the cable from the low-profile gauge head to the indicator is strongly recommended.



ORDERING INFORMATION

Individual Model 375 or Model 375LS Gauge Head

Most configurations are stocked for quick delivery. For installations outside of a complete Model 375 Level Indication System, use of the top roller bracket (EIWA-0030) is strongly recommended.

Open Gauge Head					
M37	5	—	0	0	0
[A] Seal			[B] Trim		
Selection	Flag		Selection	Flag	
Standard (Open)	5		Standard	0	

Sealed Gauge Head					
M37	L	—	H	H	0
[A] Seal			[H] Height		
Selection	Flag		Selection	Flag	
Liquid Seal (LS)	L		4 ft	04	
			5 ft	05	
			...	...	
			80 ft	80	
			[B] Trim		
			Selection	Flag	
			Std	0	
			Acid	1	

Examples

Model 375 Low Profile Open Gauge Head, Standard Trim	M375-0000
Model 375 Low Profile Sealed Gauge Head, Standard Trim, for 20 ft tank	M37L-2000
Model 375 Low Profile Sealed Gauge Head, Acid Trim, for 32 ft tank	M37L-3201

Float Cable Assembly (Recommended)

The Float Cable Assembly (FLCA) connects a float, through the gauge head, to the indicator. Use of a FLCA is strongly recommended for the Model 375. The Model 375LS includes the FLCA and is installed prior to shipping.

FLCA		—		H		H		A		0	
[H] Height											
Selection	Flag										
4 ft	04										
5 ft	05										
...	...										
80 ft	80										
[A] Service											
Selection		Flag									
Standard		1									
Acid		2									

Examples

Float Cable 16 ft STD	FLCA-1610
Float Cable 32 ft ACID SVC	FLCA-3220
Float Cable 80 ft STD	FLCA-8010

Top Roller Bracket (Recommended)

For retrofit installation or installations outside of using a complete Model 375 or Model 375LS Level Indication System, an unguided Top Roller Bracket is strongly recommended.

EIWA					
—	0	0	3	0	

Examples

Top Roller Bracket - Unguided AL	EIWA-0030
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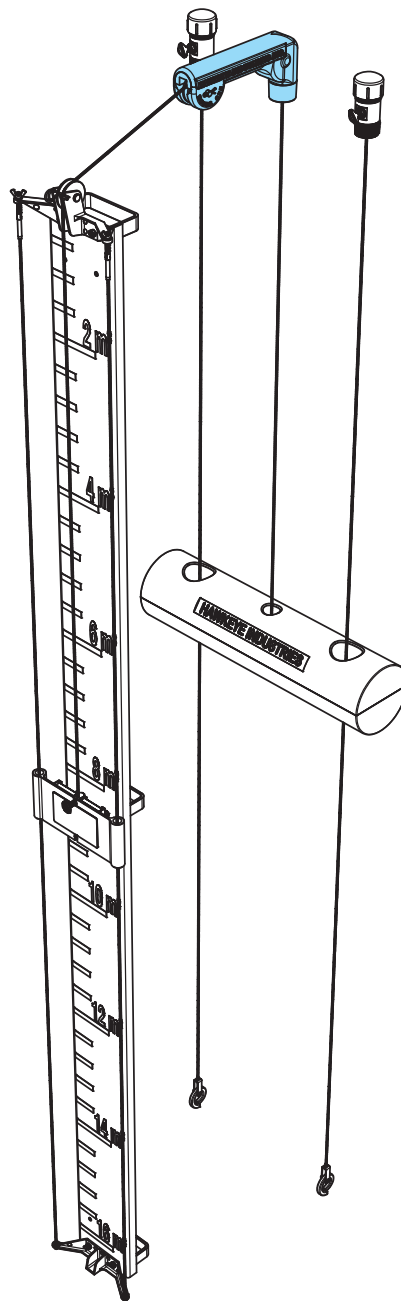
SYSTEM INFORMATION

The Model 375 and 375LS Gauge Head forms the core of a complete low profile level indication system, which includes parts designed to work together.

A complete system includes:

- Model 375 or 375LS Hawk Gauge Head;
- LLDPE (Red) Float and Float Guides;
- Graduated Gauge Board; and,
- Hi Viz Guided Indicator.

See the Model 375/375LS Level Indication System Flyer for more configuration and option information.



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