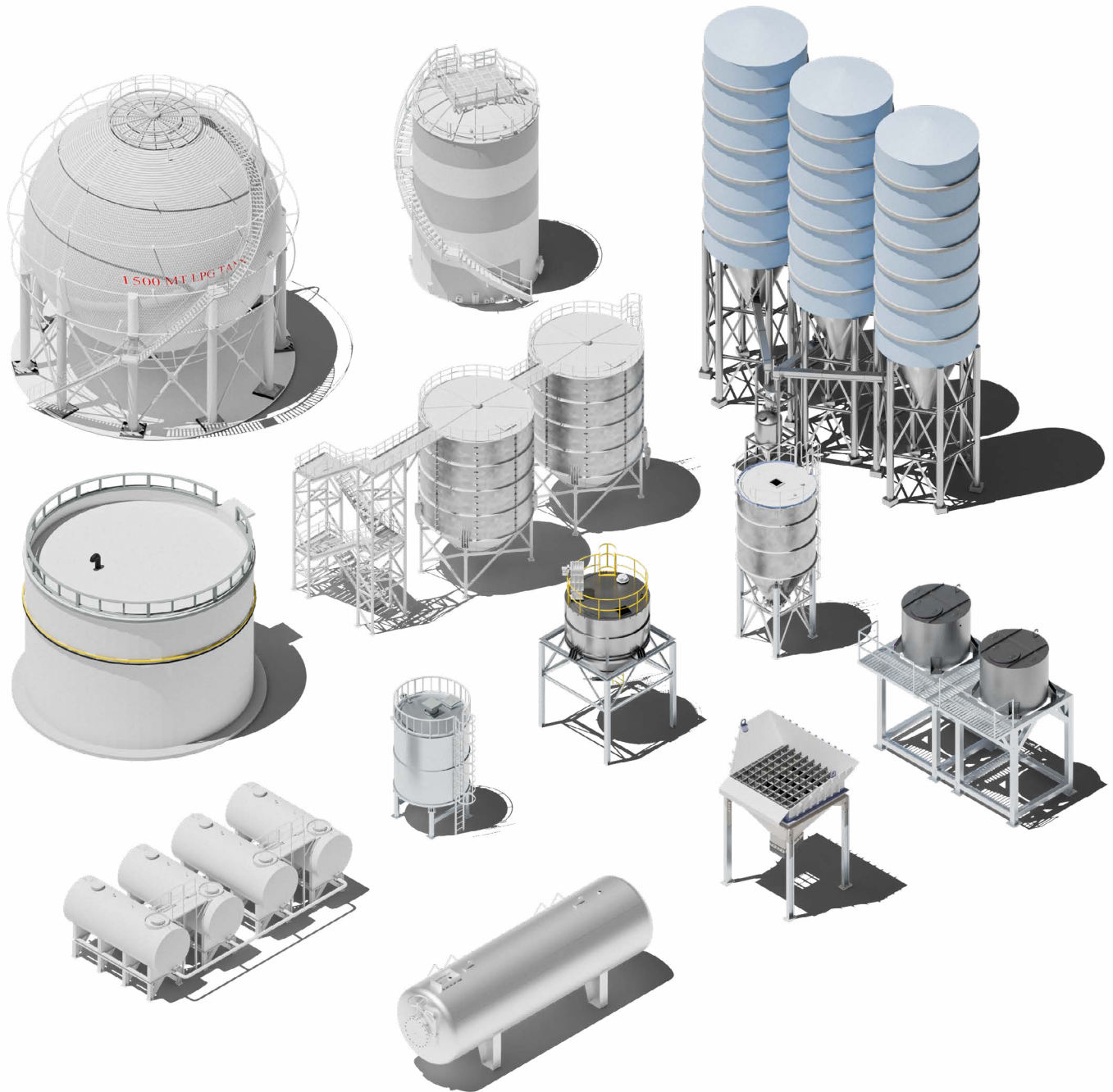
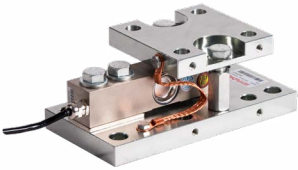
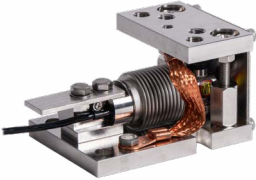
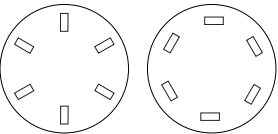
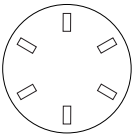
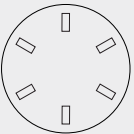
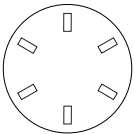
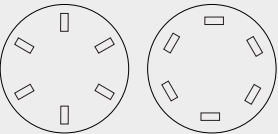
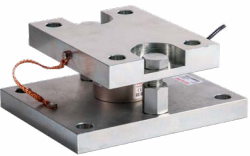
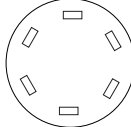
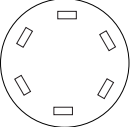
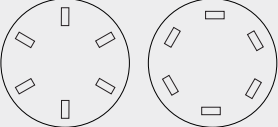
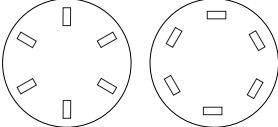
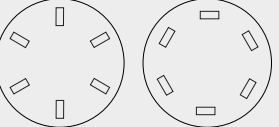
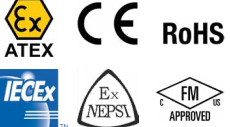


HOPPER | VESSEL | TANK | SILO



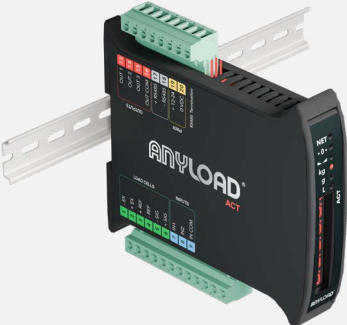
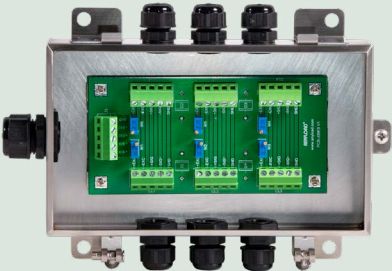
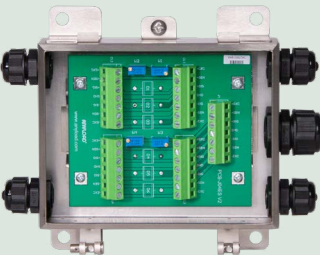
	563YHM4	563YSM3	563YHM2	563YSM2	563YHM7	563RSM5
Model						
Material	Alloy Steel	Stainless Steel	Alloy Steel	Stainless Steel	Alloy Steel	Stainless Steel
IP	IP67	IP68	IP67	IP68	IP67	IP68
Capacity	100lb - 20Klb	500lb - 10Klb	100lb - 10Klb	500lb - SE5Klb	15Klb - 20Klb	5kg - 200kg
Features	• 50% Rated Capacity Side Load & Uplift Protection • 360° Rocker Pin • Lateral Stops • Flexible Mounting Options • Mount can be flipped 180° • Side Holes for Shipping & Installation Brackets • Copper Braided Grounding Strap		• 50% Rated Capacity Side Load & Uplift Protection • Side-Load Resistance • Center-Pivoted	• 50% Rated Capacity Side Load & Uplift Protection • Side-Load Resistance • Center-Pivoted	• 50% Rated Capacity Side Load & Uplift Protection • Self Jacking - Lift Structure Without External Support • Screw To Set Height • Spherical Washer Assembly • Copper Braided Grounding Strap	• 50% Rated Capacity Side Load & Uplift Protection • Multi-directional overloading isolation • Lateral Stops
Mount Orientation	Radial or Tangent		Radial	Radial	Radial	Radial or Tangent
Mount Orientation Diagram						
Applications	Light/Medium Hopper/ Tank/Vessels	Light-Medium Industrial	Small Industrial Vessels	Hoppers & Tanks	Retrofitted Bins / Tanks	Light Outdoor Hoppers
Load Cell Certifications	 					

	102DHM3	102DSM3	102BSM5	106RSM1	101NHM2	101NHM3	276EHM1	363TSM1
Model								
Material	Alloy Steel	Stainless Steel	Stainless Steel	Stainless Steel	Alloy Steel	Alloy Steel	Alloy Steel	Stainless Steel
IP	IP67	IP68	IP68	IP68	IP67	IP67	IP67	IP68 / IP69K
Capacity	5Klb - 250Klb		50Klb - 75Klb	30t - 100t	50lb - 10Klb	500lb - 10Klb	25t - 100t	1Klb - 200Klb
Features	• 50% Rated Capacity Side Load & Uplift Protection • Sliding pin design compensates for thermal expansion and contraction • Center Pivoted		• Compact • Top Plate Bolts Directly To Tank Leg • Symmetrical Design • Self-Checking With Uplift Protection	• 50% Rated Capacity Side Load & Uplift Protection • Center Pivoted • Optional: Stabilizer Rod For Lateral Restraint • Heavy Capacity	• High Accuracy • Grounding Strap Bypasses Load Cell	• Uplift/Overload Protection with Lateral Stops • 360° Rocker Pin • Low-Friction Bearing Design	• 50% Rated Capacity Side Load & Uplift Protection • Flexible for multi-directional movements • Low headroom • Lateral Stops	• 50% Rated Capacity Side Load & Uplift Protection • Integrated Threaded Holes • 360° Rocker Pin • 3° of Tilt
Mount Orientation	Tangent		Tangent	Radial or Tangent			Radial or Tangent	Radial or Tangent
Mount Orientation Diagram								
Applications	Silo & Bin Weighing	Chemical Tanks	Harsh Processing Environments	Dynamic / Seismic	General Tension Weighing	Industrial Suspension	Low Profile	Ultra-Low Profile
Load Cell Certifications								

INSTRUMENTATION

Model	AN310		ACT1	
				
Excitation / Load Cell Supply	5VDC, up to 8 x 350Ω		5VDC, up to 8 x 350Ω	
Power Supply	18 – 36 VDC, 5W		12 – 24 VDC ± 10%, 5W	
Non-linearity	0.01% Full Scale		<0.01% Full Scale	
A/D Converter	16,000,000 counts		16,000,000 counts	
A/D Sample Rate	Up to 5000 Hz		4.8 kHz (Conversions: 300/s)	
Input Range	0-39mV (±19.5 mV)		±39mV	
Analog Output (Optional)	0-10V, 0-5V, ±5V, ±10V, 4-20mA		0-20mA, 4-20mA, 0-10V, 0-5V, ±5V, ±10V	
Display Res	999,999		999,999	
Comm Ports	RS-232, RS-485, Ethernet		RS-485	
Operating Temp	-20°C to 60°C (-4°F to 140°F)		-20°C to 60°C (-4°F to 140°F)	
Humidity	85% (non-condensing)		85% (non-condensing)	
Junction Box	J04SA	J04SS	J06SS	J08SP
				
Load Cells	2 – 4 cells	2 – 4 cells	2 – 6 cells	2 – 8 cells (even numbers only)
Material	Aluminum Casting	Stainless Steel SS304	Stainless Steel SS304	Fiberglass Reinforced Polyester
IP Rating	IP67	IP65	IP65	IP67
Trimming	Individual (Exc or Sig)	Individual (Exc or Sig)	Individual (Exc or Sig)	Section or Individual (Exc or Sig)
Input Cable	M16 (4mm–8mm)	M16 (4mm–8mm)	M16 (4mm–8mm)	M20 (6mm–12mm)
Output Cable	M16 (4mm–8mm)	M20 (5mm–9mm)	M20 (5mm–9mm)	M20 (6mm–12mm)
Lightning Protection	No	Optional (II-models)	Optional (II-models)	Yes (Standard)

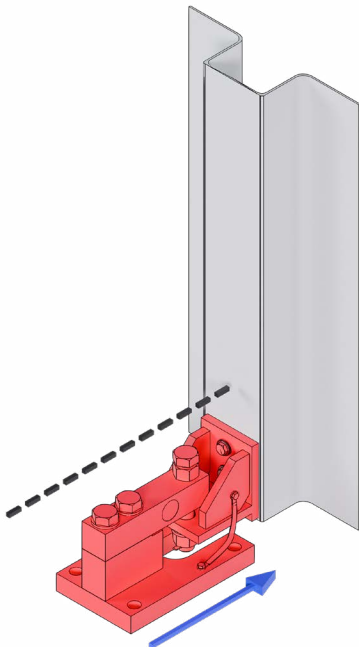
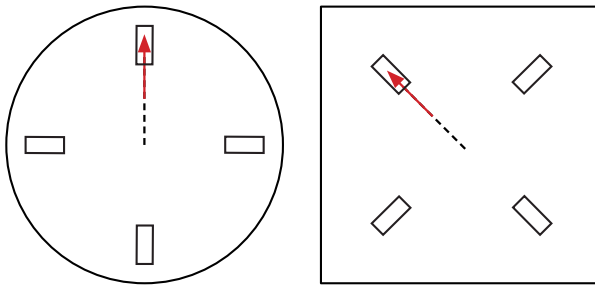
ANYLOAD® SYSTEM

INDICATOR & TRANSMITTER	AN310 Panel Mount    	ACT1 DIN Mount      
JUNCTION BOX	6 Channel - J06SS 	4 Channel - J04SS 
WEIGH MODULE	Compression Mount 102DSM3 	Tension Mount 101NHM3 

WEIGH MODULE ORIENTATION

Radial

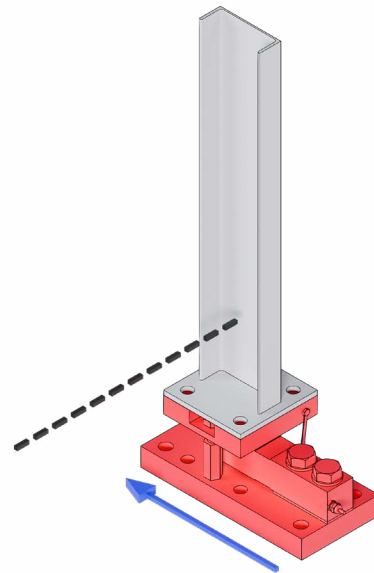
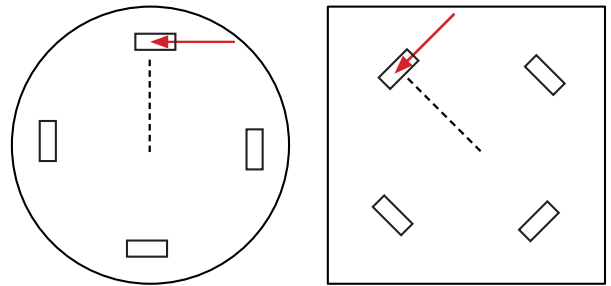
The longitudinal axis of the load cell aligns with the centerline of the vessel.



Ex. 563YHM7

Tangent

The load cell is sideways (tangent) relative to the center of the vessel.



Ex. 563YHM4