






Load cells

::: Vishay Revere Transducers:

Model	Description	Designation	Capacities (Kg)
<u>::: Single Point:</u>			
 640	Single Point Load Cells in Aluminum	Packaging machinery, low capacity scales, checkweighers and general process weighing	3 / 5 / 7 / 10 / 15 / 20 / 30 / 35 / 50 kg
 642 C	Single Point Load Cells in Aluminum	Packaging machinery, low capacity scales, checkweighers and general process weighing	5 / 10 / 15 / 20 / 30 / 65 / 50 / 75 / 100 kg
 650	Single Point / Platform cell.	Single point platforms, single point belt scales, single point hopper, packaging machines.	50 / 100 / 150 / 200 / 250 kg
 652	Single Point Load Cells in Aluminum	Medium capacity platform scales, packaging machinery, general process weighing	50 / 75 / 100 / 150 / 200 / 250 / 300 / 500 kg / 1 t
 HPS	Single Point Load Cells in Stainless Steel	Low capacity platform scales, multi head packaging machines, check weighers, loss in weight feeders, belt scales and general process weighing applications	6 / 12 / 30 / 60 kg

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:: Shear Beams:

 <p>9102</p>	<p>Single ended shear beam</p>	<p>Platform scales, belt scales, silo / hopper weighing, overhead track scales</p>	<p>454 / 227 / 91kg / 1.1 t</p>
 <p>5123</p>	<p>Single ended shear beam (nickel plated tool steel)</p>	<p>Platform scales, belt scales, silo hopper weighing, overhead track scales, pallet scales</p>	<p>0.5 / 1 / 2t</p>
 <p>9123</p>	<p>Single ended shear beam (stainless steel)</p>	<p>Platform scales, belt scales, silo hopper weighing, overhead track scales, pallet scales</p>	<p>0.5 / 1 / 2t</p>
 <p>ACB</p>	<p>Single ended shear beam, (low profile, stainless steel)</p>	<p>Platform scales, belt scales, silo hopper weighing, overhead track scales</p>	<p>0.5 / 1 / 2t 5 t</p>
 <p>SHB x R</p>	<p>Single ended bending beam load cell.</p>	<p>Platform scales, belt scales, packaging machines, silo/ hopper weighing</p>	<p>10 / 20 / 30 / 50 / 100 / 200 kg 350 / 500kg</p>
 <p>SSB</p>	<p>Single ended shear beam (fully welded, stainless steel)</p>	<p>Platform scales, belt scales, silo hopper weighing, overhead track scales, pallet scales, onboard weighing</p>	<p>0.5 / 1 / 2t 5 t</p>
 <p>5223</p>	<p>Double - Link Shear beam</p>	<p>Truck and rail scales</p>	<p>22.7 / 29.5 t 45.4 t</p>
 <p>5103</p>	<p>Double ended shear beam (nickel plated alloy steel construction)</p>	<p>Platform scales, weighbridges, on-board weighing, silo hopper weighing</p>	<p>9.1 t 13.6 / 18.2 / 22.7 / 27.2 t 45.4 t</p>

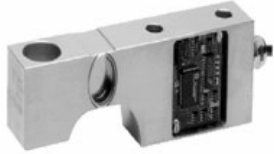


:: Compression:

 <p>CSP-M</p>	<p>Compression load cell (multi - column, low profile, stainless steel)</p>	<p>Road, rail weighbridges and process weighing applications</p>	10 t
			25 t
			40 t
			60 t
 <p>ASC</p>	<p>Canister (single - column, stainless steel)</p>	<p>Road, rail weighbridges, silo hopper weighing</p>	30 t with cups 9.1 t
			40 t
			50 t
 <p>RLC</p>	<p>Ring Torsion Load Cell (low profile, stainless steel)</p>	<p>Small and medium platform scales, belt scales, silo hopper weighing</p>	0.25 t
			0.5 / 1 t
			2 / 3.5 / 5 t
		<p>High capacity platforms as well as process weighing applications</p>	10 t
			28 t
60 t			










:: Compression:

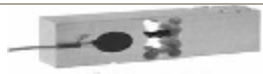





 <p>9363</p>	<p>Compression load cell (multi - column, low profile, stainless steel)</p>	<p>Road, rail weighbridges and process weighing applications</p>	10 t
			25 t
			40 t
			60 t
 <p>BSP</p>	<p>Canister (single - column, stainless steel)</p>	<p>Road, rail weighbridges, silo hopper weighing</p>	30 t with cups
			40 t
			50 t

:: Smart Load Cells (Digital Cells) / C3:




 <p>SBC</p>	<p>Stainless steel, single ended, shear beam load cell with a digital output signal</p>	<p>Medium capacity platform scales, pallet scales, overhead track scales and process weighing applications</p>	<p>0.5 / 1 / 2 t</p> <p>5 t</p>
 <p>SCC</p>	<p>Smart Compression Cell (multi - column, low profile, stainless steel, compression load cell with a digital output signal</p>	<p>Various types of road and rail weighbridges and process weighing</p>	<p>10 t / 25 t</p> <p>40 t</p>
 <p>DSC</p>	<p>Digital single column, low profile, stainless steel, compression load cell with a digital output signal</p>	<p>Various types of road and rail weighbridges and process weighing</p>	<p>30 t</p> <p>40 t</p> <p>50 t</p>

::: Vishay TedeA – Huntleigh load cells:

Model	Description	Designation	Capacities (Kg)
<u>::: Single Point Load Cells / C3:</u>			
 1004	Single point low capacity, high precision aluminum load cell	Bench, counting and retail scales. Process weighing.	0.3 / 0.6 / 1.5 / 3kg
 1022	Single point, low profile, aluminum load cell.	Retail, postal, price computing, bank note, counting scales. Medical weighing.	3 / 5 / 7 / 10 / 15 / 66 20 / 30 / 35 kg
 1040/1041	Single point, low profile, aluminum load cell	Retail, bench, counting, platform and postal scales.	5 / 7 / 10 / 15 / 20 / 30 / 50 / 75 / 100 kg
 1042	Single point, low profile aluminum load cell.	Retail, bench, counting, platform and postal scales.	1 / 3 / 5 / 7 / 10 / 15 / 20 / 30 / 50 / 75 / 100 kg
 1241	Single point, low profile aluminum load cell.	For direct mounting to a weighing platform, hanging scale, or other eccentric loading applications	50 / 100 / 150 / 200 / 250 kg
 1242	Single point, medium capacity aluminum load cell.	Bench and hanging scales. Personal and medical weighing.	50 / 100 / 150 / 66 200 / 250 kg
 1250	High capacity, single point load cell.	Large platforms, bag fillers, medical weighing, process weighing.	50 / 75 / 100 / 150 / 200 / 250 / 300 / 500 kg
 1260	High capacity, single point aluminum load cell.	Large platforms, bag fillers, medical weighing, process weighing.	50 / 75 / 100 / 150 / 250 / 300 / 500 / 635 kg
 1263	High capacity, single point aluminum load cell.	Large platforms, bag fillers, medical weighing, process weighing.	50 / 100 / 150 / 200 / 250 / 300 / 500 / 635 kg

 1265	single point aluminum load cell.	Platform scales, bag fillers, check weighers, overhead track scales, process weighing.	100 / 150 / 250 / 300 / 500 / 635 / 660 kg
 1320	High capacity, single point aluminum load cell.	Very big platform scales, hopper and hanging scales. Process weighing.	1t / 1.5 / 2 t
 1330	High capacity, single point aluminum load cell.	Very big platform scales, hopper and hanging scales. Process weighing.	500 / 750 / 1000 kg
 1130	Single point, stainless steel load cell.	Retail, counting and platform scales. Food industry.	7 / 15 / 20 / 30 / 35 / 50 / 75 / 100kg
 1142	Single Point St.St. load cell for platform size 400x400 mm, approved to OIML C3	Retail, counting and platform 100 kg scales. Food industry.	20 / 30 / 50 / 75 / 100 kg
 1510	Single point stainless steel, hermetically sealed load cell	Bench, hopper, slaughter house and gas bottles scales. Food industry. Hostile environments.	100 / 250 / 500 kg


:: Shear Beams Load Cells / C3:

 3410	Shear Beam Load Cell	Low profile platform scales, pallet scales, overhead track scales, process weighing	0.25 / 0.5 / 1 / 2 t
 3510	Shear beam welded seal, stainless steel load cell.	Low profile platform scales, pallet truck weighers, tanks and silos, hostile environments, food industry, pit mounted platform scales	0.3 / 0.5 / 1 / .2 t 5 t
 3520	Shear Beam Load cell.	Low profile platform scales, pallet truck weighers, tanks and silos, hostile environments, food industry, pit mounted platform scales	0.5 / 1 / 2 t


:: Compression Canisters Load Cells / C3:

 220	High accuracy compression load cell.	Weighbridges, hopper weighing, tank and silo weighing, large industrial applications, harsh environment.	5 t
			10 t
			20 – 30 t

:: Fluid Damped Load Cells / C3:



 240	Fluid damped single point load cell.	Check weighing, multi-head weighers, grading machines, liquid filling, dynamic weighing.	5 / 7 / 10 / 15 / 20 / 30 / 50 kg
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:: S - type / C3:








 620	S-Type load cell.	Hybrid scales, hopper weighing, belt weighers, dynamometers, material testing machines, lever arm conversions.	0.5 / 1 / 2 t
			5 t

:: Flintec load cells:




:: Single Point Load Cells / C3:

 PC1	Single point Load Cell (stainless steel)	Designed to withstand shock and fatigue loading	6
			10
			15
			30
			50
			75
			100
			200
 PC6	Single point Load Cell (stainless steel)	Designed to withstand shock and fatigue loading	10
			20
			50
			100
			200




:: Beam Type Load Cells / C3:

 SLB	Blind hole load introduction / Counter bore with metric thread M12	Stainless steel construction, protection IP67, low profile, high input resistance 1100Ω	91
			227
			454
			1134
			2268
 SB14	Blind hole load introduction	Stainless steel construction, complete hermetic sealing, protection IP68, low profile, high input resistance 1100Ω	227
			454
			1134
			2268
			4536
	Counter bore with metric thread M12		227
			454
			1134
			2268
			4536
 SB2	Load cell	Painted steel, hermetically sealed, IP68, cable fitting stainless steel	20412 kg / 20.4 t / 45360 / 45.4 t
 SB4	Beam Type Load cell	Stainless steel construction, complete hermetic sealing, protection IP68, low profile, high input resistance 1100Ω	510
			1020
			2039
			5099
			10197
 SB5	Beam Type Load cell	Stainless steel construction, protection IP67, low profile, high input resistance 1100Ω	510
			1020
			2039
			5099
			10197
 SB6	Beam Type Load cell	Stainless steel construction, complete hermetic sealing, protection IP68, low profile, high input resistance 1100Ω	20
			51
			102
			204
 SB8	Beam Type Load cell	Low profile, IP67	10
			20
			50
			100
			200
			300








:: Tension Load Cells / C3:





 ULB	Tension Load Cell	Stainless steel, potted,	50 / 100 / 200 / 500 / 1000
			2000
			3000
			5000
 UB1	Tension Load Cell	Total stainless steel construction, complete hermetic sealing, protection IP68, High input resistance 1100Ω	1020
			2039
			5099
 UB6	Tension Load Cell	Total stainless steel construction, complete hermetic sealing, protection IP68, High input resistance 1100Ω	102
			204
			510

:: Compression Load Cells / C3:


 RC1	Compression load cell	Total stainless steel construction, complete hermetic sealing, protection IP68	25493 kg / 25.5 t
			40789 kg / 40.8 t
			61183 kg / 61.2 t
			91775 kg / 91.7 t
 RC3	Compression Load Cell	Total stainless steel construction, complete hermetic sealing, protection IP68	7.5
			15
			22.5
			30 t
			40 t
			50 t
 RC3D	Digital Compression Load Cell	Total stainless steel construction, complete hermetic sealing, protection IP68	30 t
			40 t
			50 t

::: UTE load cells:









Model	Description	Designation	Capacities (Kg)
<u>:: Tension/Compression Load Cells:</u>			
 UAS	Tension / compression Alloy steel load cell	Crane scale , Belt scale , Tensile testing , Silo and tank weighing , Industrial scales , Mechanical conversion kits.	250 , 500, 750 Kg.
 UAA	Tension / compression Aluminum load cell	Crane scale , Belt scale , Tensile testing , Silo and tank weighing , Industrial scales , Mechanical conversion kits.	100, 250, 500Kg
 UBS	Tension / compression Alloy steel load cell	Crane scale , Belt scale , Tensile testing , Silo and tank weighing , Industrial scales	1, 2, 5, 10,15t
 UKS-E, UKA-E	Tension / compression Alloy steel load cell	Belt scale , Tensile testing , Industrial scales	UKS-E 20/50/100 kg
	Tension / compression Aluminum load cell		UKA-E 1/2/5/10/20 kg
 UNS	Tension / compression Alloy steel load cell	Crane scale , Belt scale , Tensile testing , Silo and tank weighing , Industrial scales , Mechanical conversion kits.	100, 200, 300, 500Kg
 URS	Tension / compression Alloy steel load cell	Material testing machines, Pull and push applications	2 / 5 / 10 / 20 / 50 / 100 / 200 kg
 USS	Tension / compression Alloy steel load cell	Material testing machines, Pull and push applications	500 / 1000 / 2000 kg

 UES	Beam Alloy steel load cell	Plat form scale , Silo and tank weighing	0.25/0.5/1/2.5/5/10 kg
 UEAF	Beam Aluminum load cell	Plat form scale , Silo and tank weighing	150/200/300/500/750/1000 kg
 UDS	Beam Alloy steel load cell	Vehicle scales, Rail scales	20/25/30 t
 ULSB	Beam Alloy steel load cell	Vehicle scales, Rail scales, Industrial scales	1/1.5/2/2.5/3/5 Klb

:: Planar Beam Load Cells:

 ULA	Beam Aluminum load cell	Plat form scale	150/375 kg
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:: Single Point Cells:

 UBA,UBX,UBAX	Single point Aluminum load cell	Price scales, Counting scales, Weighing scales	UBA 3/6/12/20/35 kg
			UBX 30/50/100/200 kg
			UBAX 30/50/100/200 kg
 UBAF	Single point Aluminum load cell	Price scales, Counting scales, Weighing scales	UBAF 3/6/12/20/35 kg
			UBAT 15/20/40/50/60/120/250 kg
 UEA,UEAX	Single point Aluminum load cell	Bench scale, Platform scale	UEA 35/60/100/200/300/500 kg
			UEAX 60/100/200/300/500 kg
 UDA	Single point Aluminum load cell	Bench scale, Platform scale	60/100/150/ 200/300/500/ 750/1000 kg
 URA	Single point Aluminum load cell	Bench scale, Platform scale	100/150/200/ 300/500/750 kg
 URAE	Single point Aluminum load cell	Bench scale, Platform scale	300/500/750/ 1000 kg
 UFS	Single point Alloy steel load cell	Platform scale	0.6/1/2/4 t
 UMA	Single point Aluminum load cell	Platform scale	250/500/750/1000/2000/3000 kg



UGA

**Single point
Aluminum load
cell**

Precision balance

0.6/1/1.2/1.5/3 kg



UHA

**Single point
Aluminum load
cell**

Precision balance

0.3/0.6/1.2/1.5/3 kg