







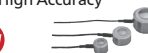




















Load Cell Selection Chart









For Compression Load Measurement		Rated Capacity																		Ref. Page						
		N								kN								MN								
		5	10	20	50	100	200	300	500	1	2	5	10	20	30	50	100	200	500		1	2	5			
Model																										
Small-Sized Compression Load Cells	Small-Sized for Load Distribution Measurement LMA-A 	●	●	●	●	●	●	●	●																	2-13
	Ultra-Small LMB-A 		●		●	●	●		●	●	●															2-14
	Ultra-Small LMBT-A 					●	●	●		●	●	●														2-15
Beam-Type Load Cells	Compact and Lightweight LUB-B 				●	●	●	●	●	●	●	●	●	●												2-59
Small-Sized Compression Load Cells	Connector-Equipped LCX-A-ID 								●	●	●	●	●	●												2-19
Small-Sized Compression Load Cells	Stainless Steel Make LCN-A 								●	●	●	●	●	●												2-18
Compression Load Cells	For High Temperature LC-FH 								●	●	●	●	●	●		●	●	●								2-26
Small-Sized Compression Load Cells	Diameter:21mm LMR-S-SA2 										●	●	●	●												2-16
Small-size Compression Load Cells	High Output, High Accuracy LMC-A 											●	●	●		●										2-17
Beam-Type Load Cells	Accuracy:1/2000 LUB-C 											●	●	●												2-60
Small-Sized Large-Capacity Compression Load Cells	Diameter:20 or 25mm LCR-G-SA2 												●	●	●	●										2-24
Explosion-Proof Compression Load Cells	Explosion-Proof LCS-D 											●	●	●		●										2-29
Thin Compression Load Cells	As Thin as 25 to 50 mm in Total Height LCK-A 											●	●	●		●	●	●								2-27
Corrosion-Resistant Compression Load Cells	Stainless Steel LC-J 											●	●	●		●	●	●								2-30
	Accuracy 1/2000 LC-V 															●	●	●								2-21
	Accuracy 1/5000 LCH-F 																●	●								2-28
High-Accuracy Load Cells	Large Capacity, Accuracy:1/1000 LCV-A 																			●	●					2-23
General Purpose Load Cells	Large Capacity LC-E 																					●	●			2-25



Thin Load Cells		Rated Capacity												Ref. Page										
		N		kN																				
		500	800	1	2	3	5	10	20	30	50	100	200		300									
Model																								
Stainless Steel Load Cell	For Food Tanks and Hoppers LCTS-B 										●	●	●	●	●	●							2-33	
Thin Load Cell	For Tanks and Hoppers LCTA-A 	●	●	●	●	●																		2-35
	For Tanks and Hoppers LCTB-A 										●	●	●	●	●									2-37
	For Tanks and Hoppers LCTE-A 											●	●	●	●	●								2-39
	For Tanks and Hoppers LCTD-A 																●	●	●					2-41

For Tension Load Measurement		Rated Capacity																		Ref. Page				
		mN				N								kN										
		50	100	200	500	1	2	5	10	20	50	100	200	500	1	2	5	10	20		50			
Model																								
Load Cells for Minute Load Measurement	Vertical Load to Rod LVS-A 	●	●	●	●	●	●	●	●	●														2-58
	Horizontal Load to Rod LTS-A 					●	●	●	●	●														
High-Accuracy Tension Load Cells	High-Accuracy Tension Load Cells LTZ-A 																							2-43
Tension Load Cells	LT-FH for High Temperature LT-FL for Low Temperature LT-F (H-L) 																							2-46

For Tension/Compression Loads		Rated Capacity															Ref. Page							
		N				kN								MN										
		50	100	200	500	1	2	5	10	20	50	100	200	500	1	1.5		2						
Model																								
Small-Capacity Tension/Compression Load Cells	Small Capacity LU-A 	●	●	●																				2-57
Compact Tension/Compression Load Cells	Diameter 28mm, Weight 80g LUR-A-SA1 	●	●	●	●	●	●																	2-51
	Compact LUX-B-ID 	●	●	●	●	●	●	●	●	●														2-47
Tension/Compression Load Cells	Inert Gas Sealed LU-E Built to order 					●	●	●	●	●	●	●	●											2-52
High-Accuracy Tension/Compression Load Cells	Accuracy: 1/5000 LUH-F 					●	●	●	●	●	●	●	●											2-53
Tension/Compression Load Cells	Thin, large Capacity LUK-A 									●	●	●	●	●	●	●	●	●	●	●	●	●	●	2-55





With tension/compression load cells, Tension load causes plus output compression load, minus output




Load Cell Selection Chart









TRANSDUCERS

● Load Cell Selection Chart

For Component Force Measurement			Rated Capacity								Ref. Page
			N						kN		
			10	20	50	100	200	300	500	1	
Model											
3-Component Force Transducers	3-Component Force Measurement LSM-B-SA1 	●	●	●	●	●		●			2-65
6-Component Force Transducers	6-Component Force Measurement LAT-1000A 							●			2-63
Compact 6-Component Force Transducers	6-Component Force Measurement LFM-A 								●	●	2-61
Compact 6-Component Force Transducers with Built-in Amplifier	6-Component Force Measurement LFX-A 								●	●	2-62

For Special Purposes (Load Cells for Steel making Line)		Rated Capacity										Ref. Page	
		kN						MN					
		5	10	20	30	50	100	1	2	3	5		
Model													
Tension Meter Load Cell	For Tension Meter LCR-B-S7 	●	●	●	●	●	●					2-71	
Washer-Type Load Cell	Washer-Type for Rolling Mill LCW-D-S 								●	●	●	●	2-32
	Washer-Type for Rolling Mill LCW-E-S 								●	●	●	●	2-32

For Special purposes		Rated Capacity										Ref. Page
		kN								MN		
		10	20	30	50	100	200	300	500	1	1.5	
Model												
Washer-Type Load Cells	Different Diameters Available LCW-C-SA3 	●	●		●	●	●	●				2-31
Pin-Type Load Cells	For Pulley Axis of Crane LTP-S-S 	●	●		●	●	●		●			2-69
Jack Load Cells	For Jack LUR-B-SA1 	●	●	●	●	●	●	●	●	●	●	2-66
One-End Revolving Tension Load Cells	For Rope Tension Measurement LTR-S-SA1 		●	●	●							2-68
Crane Load Cells	1 to 5V Output Available LTA-C-S 		●		●	●	●	●				2-67
Rectangular Load Cells	For Pillow Block Load LCD-A-S 			●	●	●						2-70

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