

Model LW Load Washer

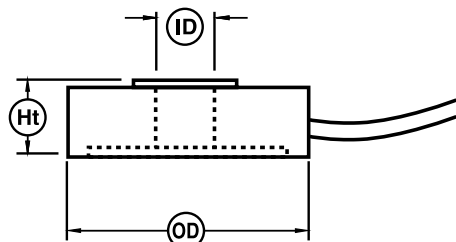
Why the Interface model LW Load Washer is the best in class:

- Capacities from 5 lbf to 100Klbf
- Wide selection of OD, ID, and height (as low as .25 in) combinations
- Stainless steel construction



SPECIFICATIONS

PARAMETERS	MODEL	
	LW10xx LW12xx	LW15xx LW20xx LW25xx LW30xx LW31xx LW45xx
ACCURACY – (MAX ERROR) Combined Error–% FS	±1.0	±0.5
TEMPERATURE		
Compensated Range–°F	60 to 160	
Compensated Range–°C	16 to 71	
Operating Range–°F	-65 to 250	
Operating Range–°C	-54 to 121	
Effect on Zero–%RO/°F – MAX	±0.005	
Effect on Zero–%RO/°C – MAX	±0.009	
ELECTRICAL		
Rated Output–mV/V (Nominal)	2.00	
Bridge Resistance–Ohm (Nominal)	350	
Excitation Voltage – MAX	15 VDC	
MECHANICAL		
Safe Overload–% of RO	150	
Cable Length – ft	5	
Deflection @ R.O. – inch	.003	



(See dimensions on adjacent page)

OPTIONS

Special Cable Length

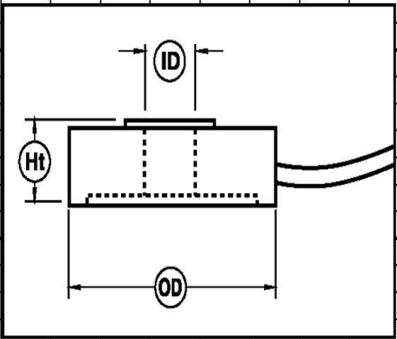
ACCESSORIES

Instrumentation

Consult factory for more technical information

INTERFACE LOAD WASHER SELECTION CHART

OD (IN.)	ID (IN.)	HEIGHT (IN.)	MODEL LW	CAPACITY (lbf)																							
				5	10	25	50	100	200	250	500	1K	2K	3K	5K	7.5K	10K	15K	20K	25K	30K	40K	50K	75K	100K		
1.00	0.100	0.28	1010	●	●	●	●	●	●																		
	0.125	0.28	1012	●	●	●	●	●	●																		
	0.188	0.28	1019	●	●	●	●	●	●																		
	0.200	0.28	1020	●	●	●	●	●	●																		
	0.250	0.28	1025	●	●	●	●	●	●																		
1.25	0.100	0.25	1210			●	●	●	●	●	●																
	0.125	0.25	1212			●	●	●	●	●	●																
	0.188	0.25	1219			●	●	●	●	●	●																
	0.200	0.25	1220			●	●	●	●	●	●																
	0.250	0.25	1225			●	●	●	●	●	●																
	0.312	0.25	1231			●	●	●	●	●	●																
	0.375	0.25	1238			●	●	●	●	●	●																
1.50	0.100	0.50	1510					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	0.125	0.50	1513					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	0.200	0.50	1520					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	0.250	0.50	1525					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	0.312	0.50	1531					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	0.375	0.50	1538					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	0.500	0.50	1550					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2.00	0.125	*	2013	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	0.188	*	2019	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	0.250	*	2025	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	0.375	*	2038	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	0.500	*	2050	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	0.625	*	2063	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	0.750	*	2075					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	0.875	*	2088					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	1.000	*	20100					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2.50	0.250	1.00	2525							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	0.375	1.00	2538							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	0.500	1.00	2550							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	0.625	1.00	2563							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	0.750	1.00	2575							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	0.875	1.00	2588							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	0.938	1.00	2594							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	1.000	1.00	25100							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	1.130	1.00	25113							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	1.250	1.00	25125							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	1.380	1.00	25138							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	1.500	1.00	25150							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3.00	0.250	1.00	3025							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	0.375	1.00	3038							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	0.500	1.00	3050							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	0.625	1.00	3063							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	0.750	1.00	3075							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	0.875	1.00	3088							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	0.938	1.00	3094							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	1.000	1.00	30100							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	1.130	1.00	30113							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	1.250	1.00	30125							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	1.380	1.00	30138							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	1.500	1.00	30150							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3.13	2.000	0.50	31200							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	2.130	0.50	31213							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4.00	2.000	**	40200							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	2.130	**	40213							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4.50	3.000	1.25	45300							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	3.130	1.25	45313							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●



*Height is 0.37" for 5 lb. thru 100 lb. height is 0.63" for 250 lb. thru 10k lb. **Height is 1.00" for 1k thru 50k lb. height is 2.00" for 100k lb.